

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045461.D
 Acq On : 26 Mar 2025 11:46
 Operator : JC/MD
 Sample : Q1629-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW09-MW01S-20250320

Quant Time: Mar 27 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	72703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58838	50.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.760%
35) Dibromofluoromethane	5.373	113	45250	48.382	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	8.647	98	159593	47.069	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.140%
62) 4-Bromofluorobenzene	11.079	95	55417	49.323	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.640%

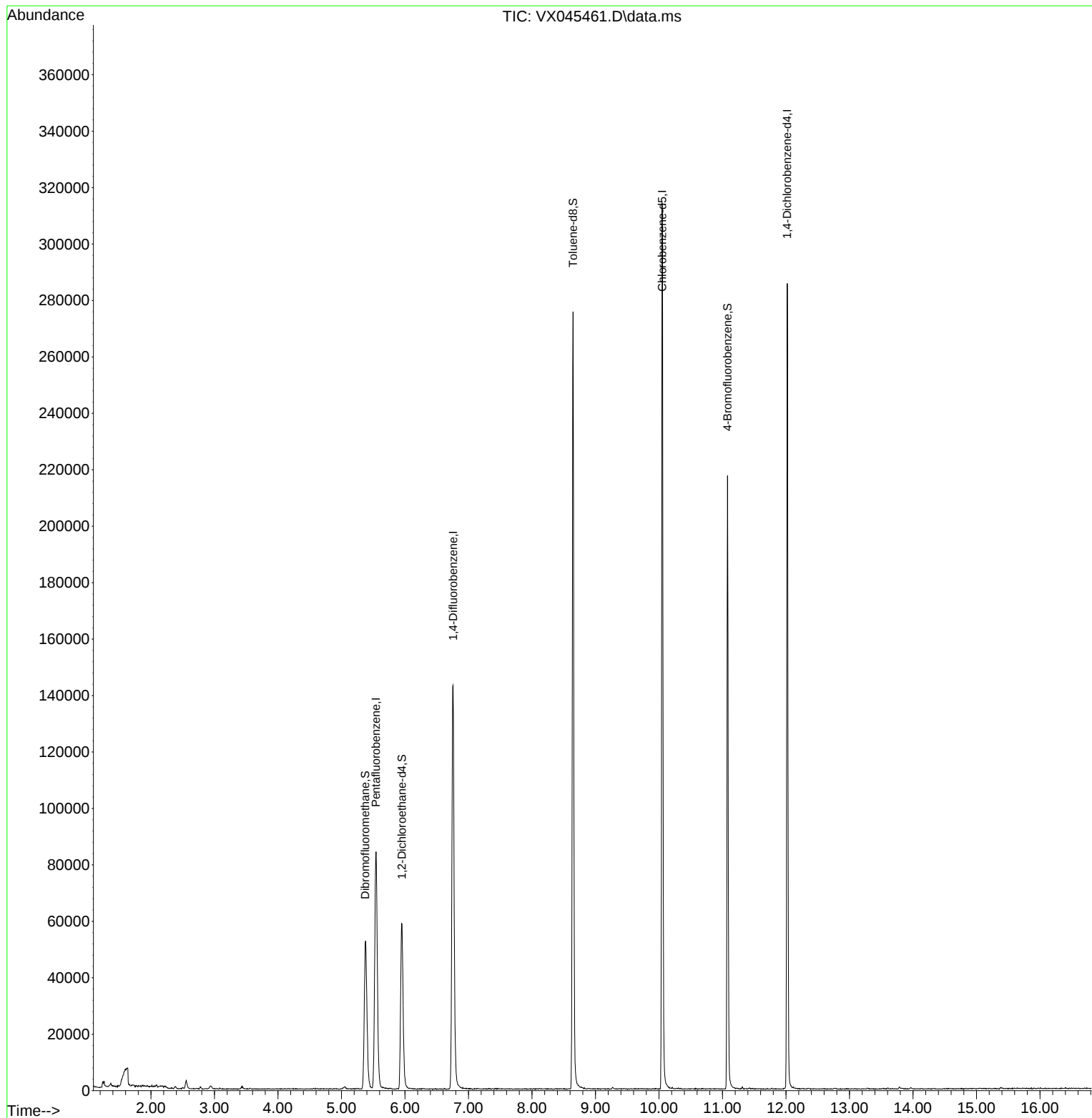
Target Compounds	Qvalue

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

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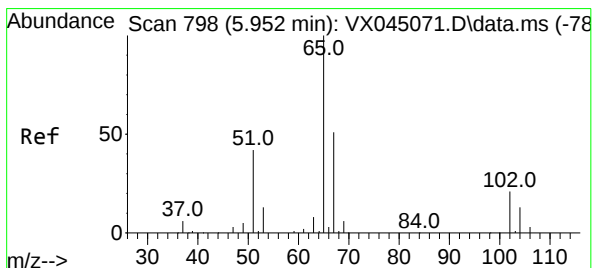
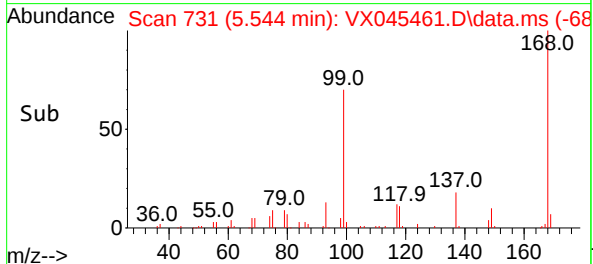
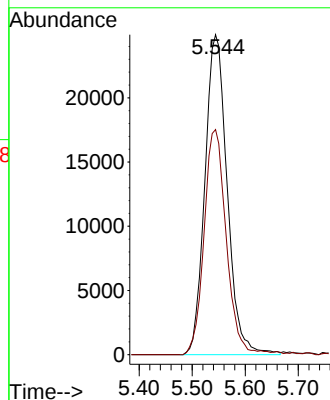
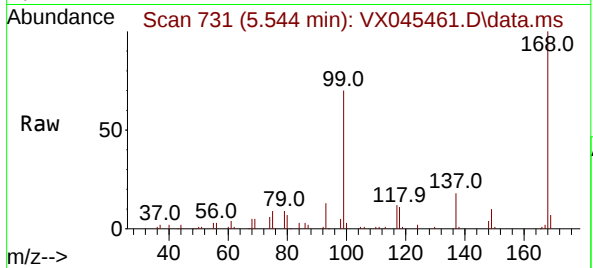




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045461.D
Acq: 26 Mar 2025 11:46

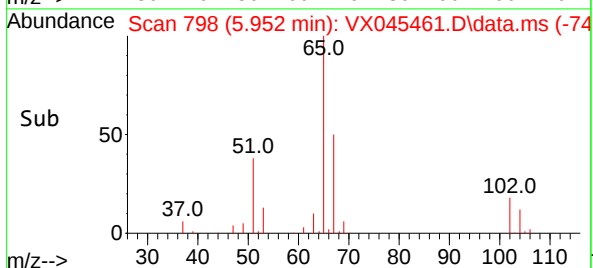
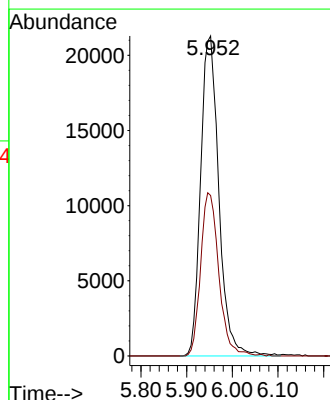
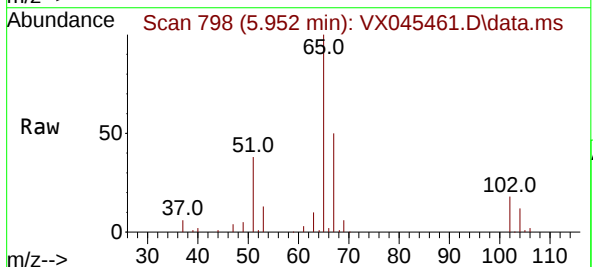
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01S-20250320

Tgt Ion:168 Resp: 72703
Ion Ratio Lower Upper
168 100
99 70.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.878 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045461.D
Acq: 26 Mar 2025 11:46

Tgt Ion: 65 Resp: 58838
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

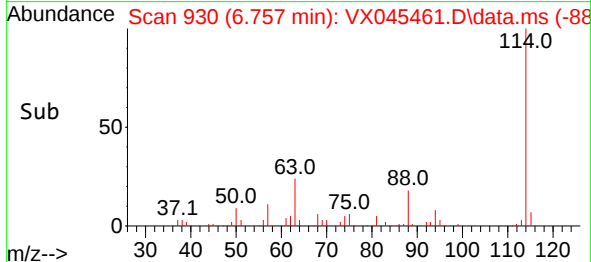
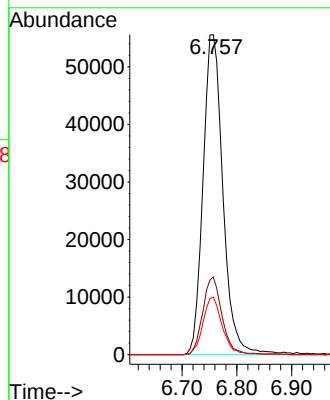
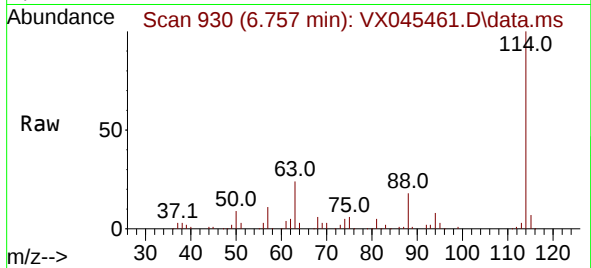




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045461.D
Acq: 26 Mar 2025 11:46

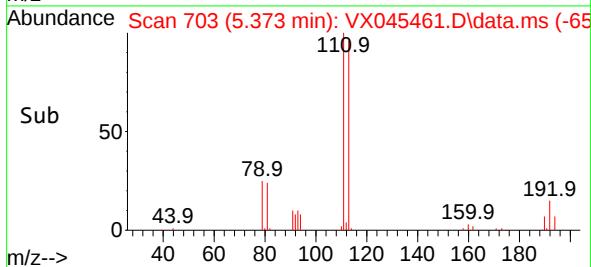
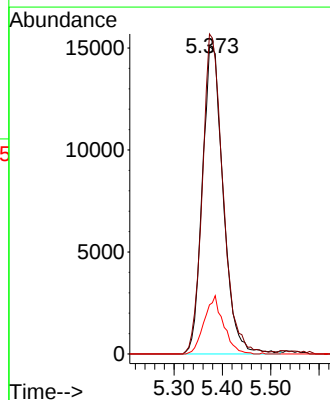
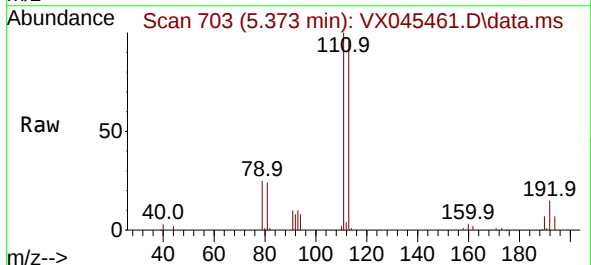
Instrument :
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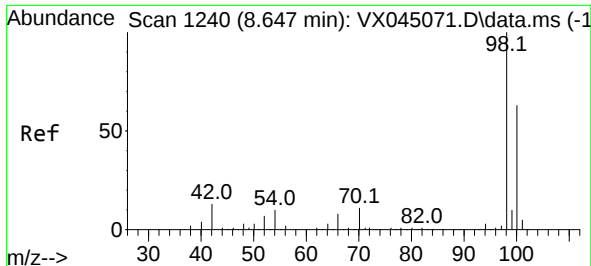
Tgt Ion:114 Resp: 139868
Ion Ratio Lower Upper
114 100
63 24.3 0.0 41.8
88 18.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.382 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX045461.D
Acq: 26 Mar 2025 11:46

Tgt Ion:113 Resp: 45250
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.4 14.3 21.5





#50

Toluene-d8

Concen: 47.069 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045461.D

Acq: 26 Mar 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

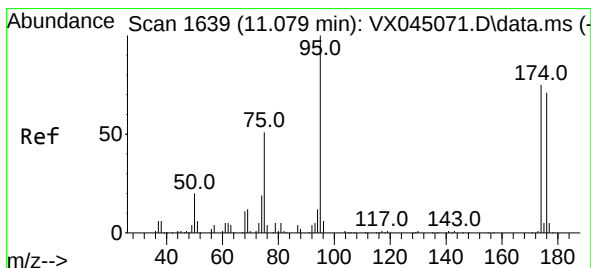
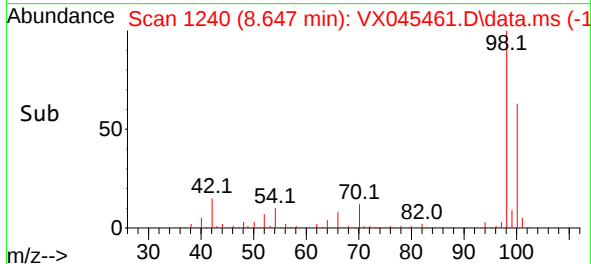
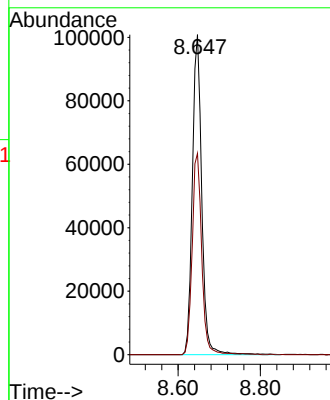
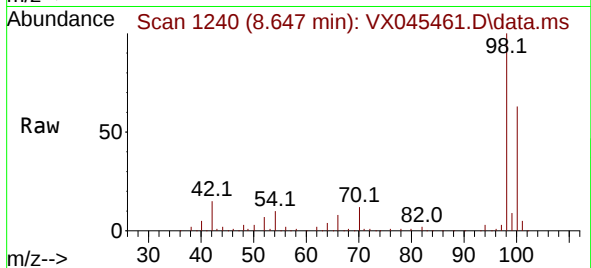
RW09-MW01S-20250320

Tgt Ion: 98 Resp: 159593

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045461.D

Acq: 26 Mar 2025 11:46

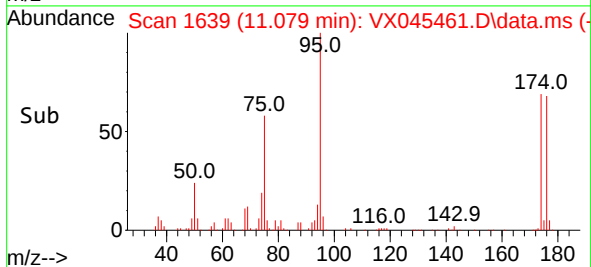
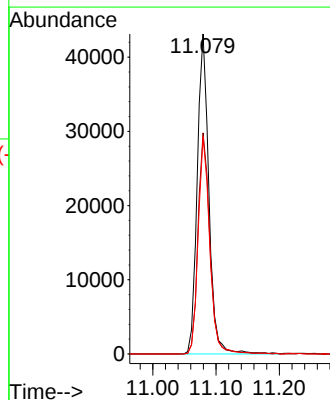
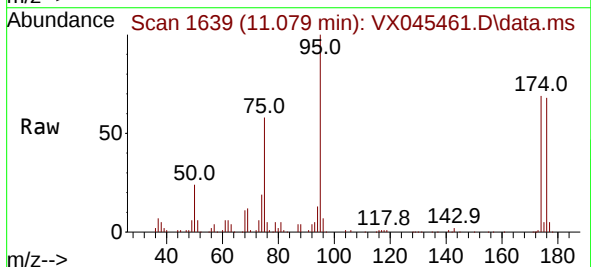
Tgt Ion: 95 Resp: 55417

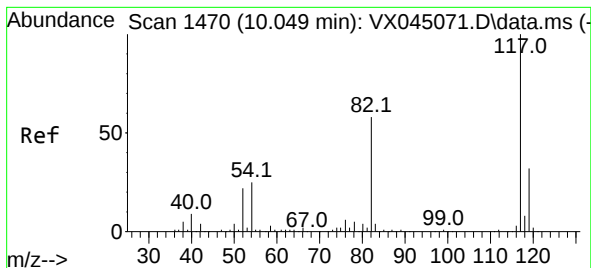
Ion Ratio Lower Upper

95 100

174 69.9 0.0 148.2

176 67.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045461.D

Acq: 26 Mar 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

RW09-MW01S-20250320

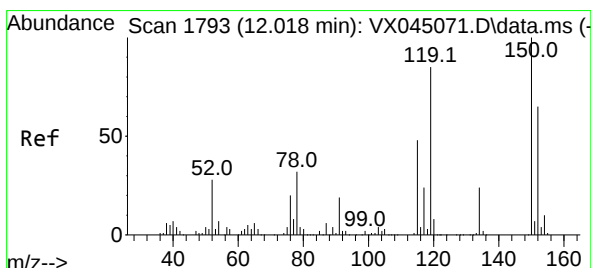
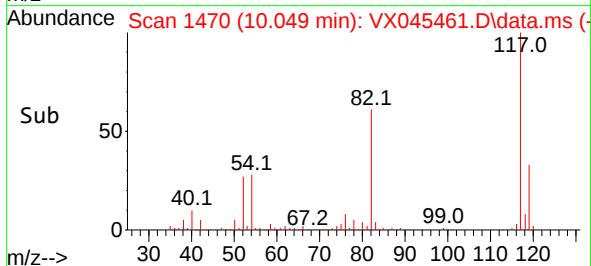
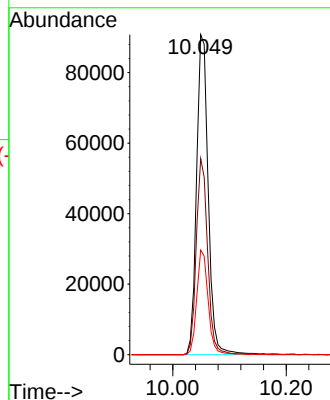
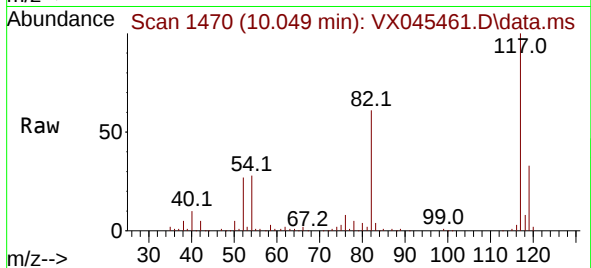
Tgt Ion:117 Resp: 129727

Ion Ratio Lower Upper

117 100

82 61.2 46.3 69.5

119 32.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045461.D

Acq: 26 Mar 2025 11:46

Tgt Ion:152 Resp: 52360

Ion Ratio Lower Upper

152 100

115 63.6 44.2 132.6

150 157.6 0.0 349.0

