

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046111.D
 Acq On : 09 May 2025 13:41
 Operator : JC/MD
 Sample : Q1994-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: May 09 23:15:26 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	68764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68199	53.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.400%
35) Dibromofluoromethane	5.385	113	50126	50.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.647	98	170190	49.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	64948	49.603	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.200%

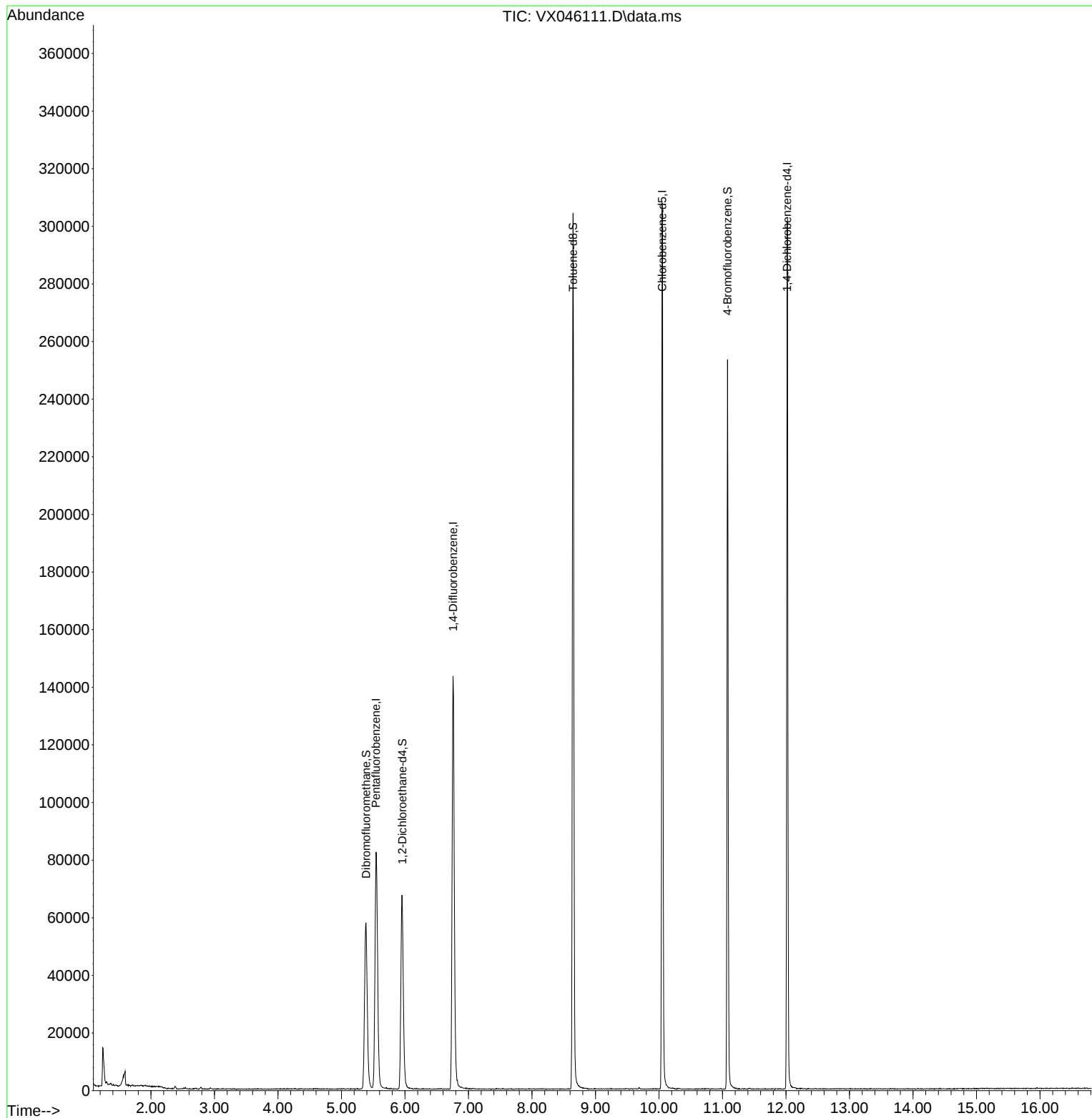
Target Compounds	Qvalue

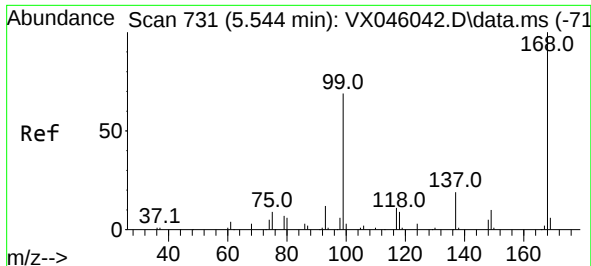
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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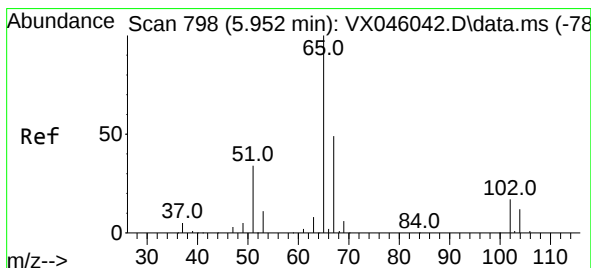
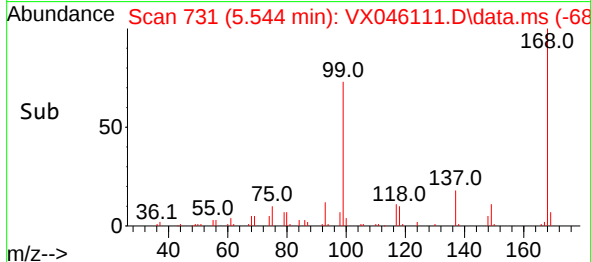
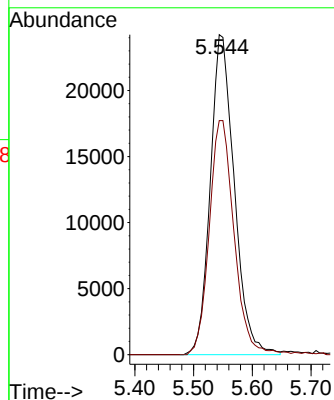
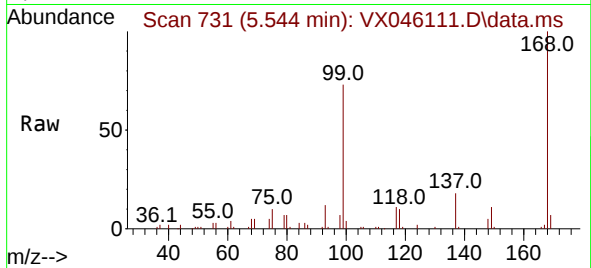




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX046111.D
 Acq: 09 May 2025 13:41

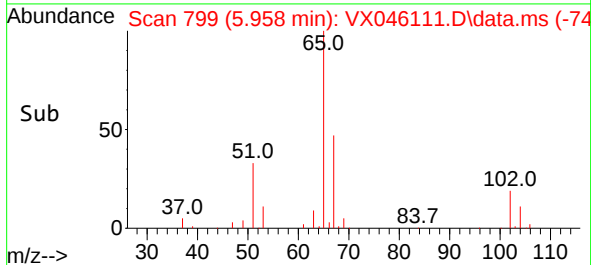
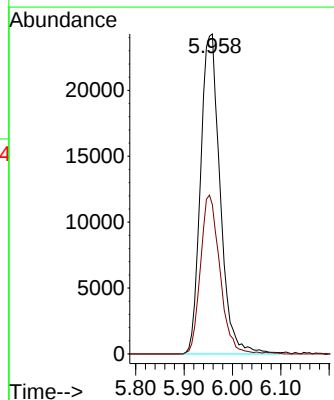
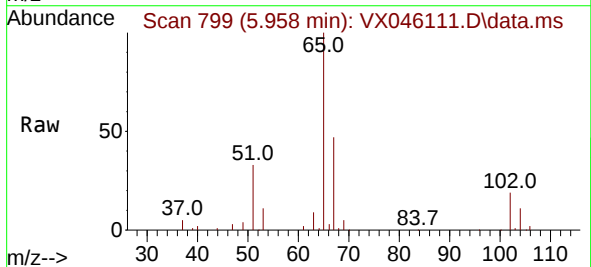
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 68764
 Ion Ratio Lower Upper
 168 100
 99 73.2 54.9 82.3



#33
 1,2-Dichloroethane-d4
 Concen: 53.198 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX046111.D
 Acq: 09 May 2025 13:41

Tgt Ion: 65 Resp: 68199
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0

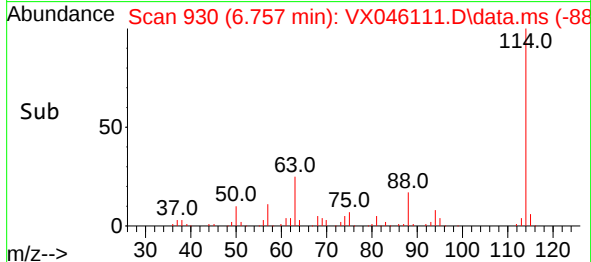
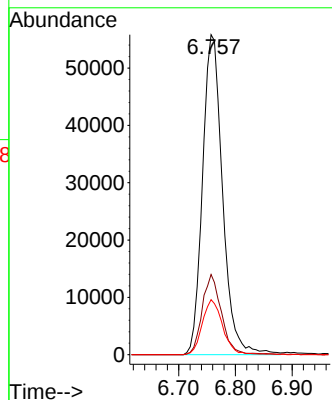
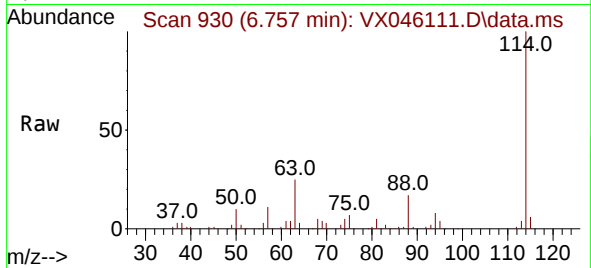




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046111.D
Acq: 09 May 2025 13:41

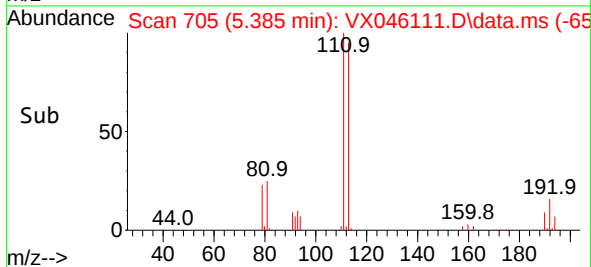
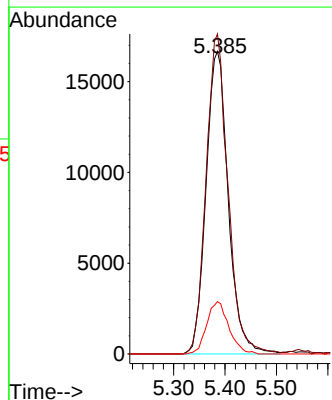
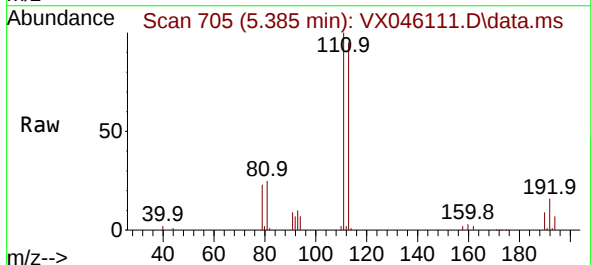
Instrument :
MSVOA_X
ClientSampleId :
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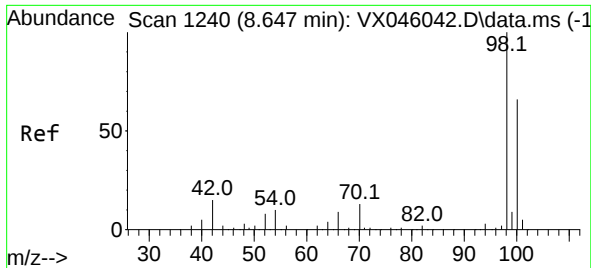
Tgt Ion:114 Resp: 136955
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046111.D
Acq: 09 May 2025 13:41

Tgt Ion:113 Resp: 50126
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 17.2 13.3 19.9

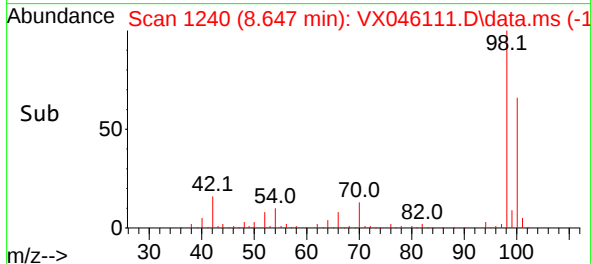
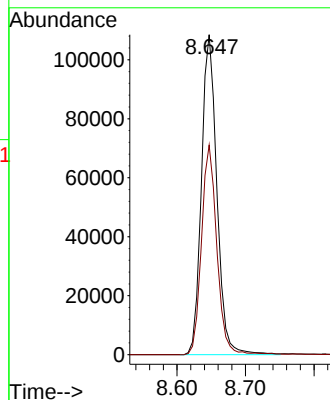
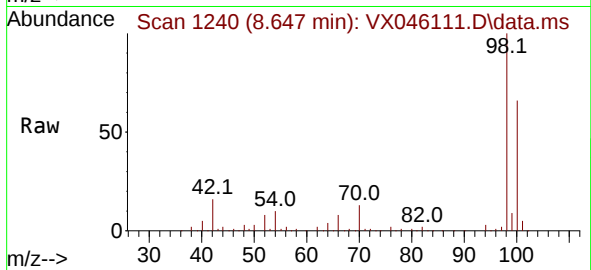




#50
Toluene-d8
Concen: 49.859 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046111.D
Acq: 09 May 2025 13:41

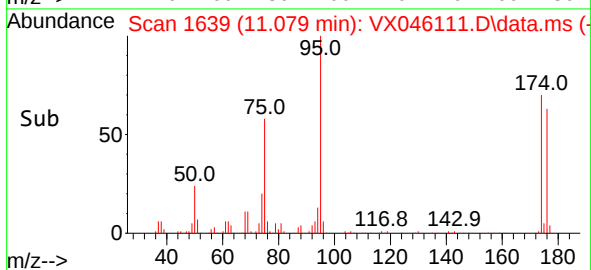
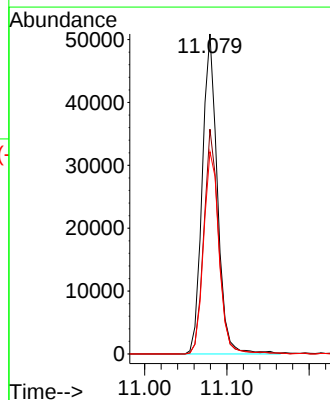
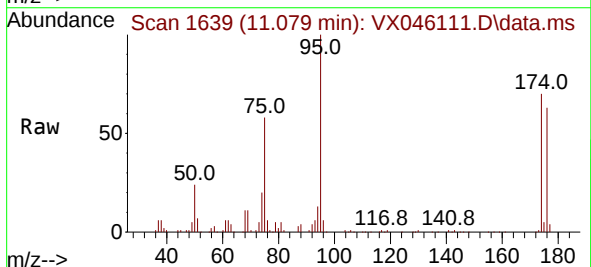
Instrument :
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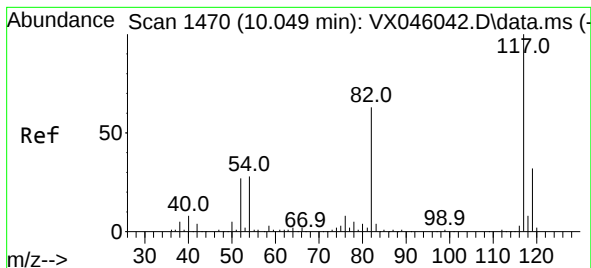
Tgt Ion: 98 Resp: 170190
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046111.D
Acq: 09 May 2025 13:41

Tgt Ion: 95 Resp: 64948
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 65.3 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: VX046111.D

Acq: 09 May 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

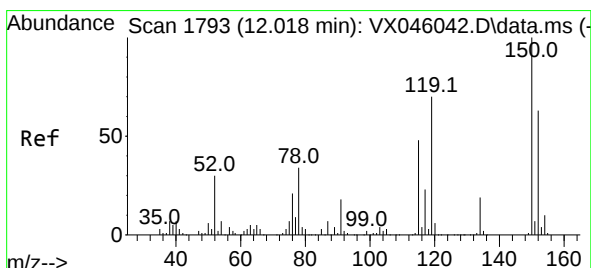
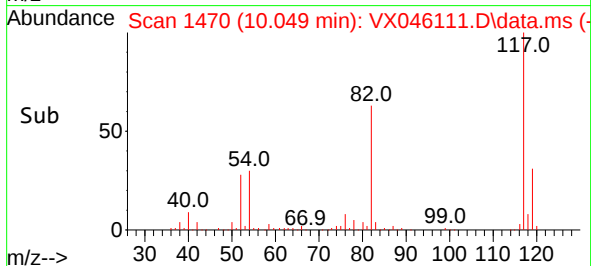
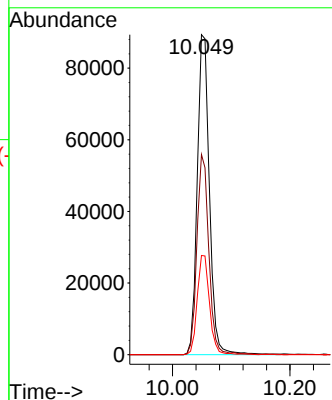
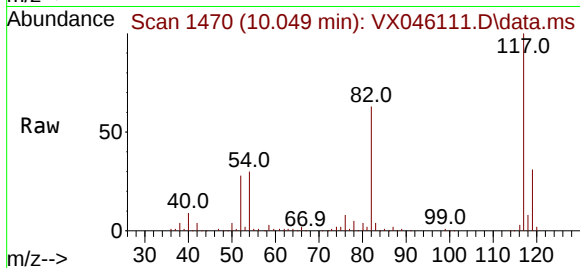
Tgt Ion:117 Resp: 128312

Ion Ratio Lower Upper

117 100

82 62.6 50.6 76.0

119 31.0 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: VX046111.D

Acq: 09 May 2025 13:41

Tgt Ion:152 Resp: 54332

Ion Ratio Lower Upper

152 100

115 66.4 46.9 140.7

150 157.8 0.0 351.0

