

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046098.D
 Acq On : 08 May 2025 17:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 09 01:59:22 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	5.550	168	65370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64044	52.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.100%
35) Dibromofluoromethane	5.379	113	46530	50.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	8.647	98	160120	50.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	62471	51.383	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.760%

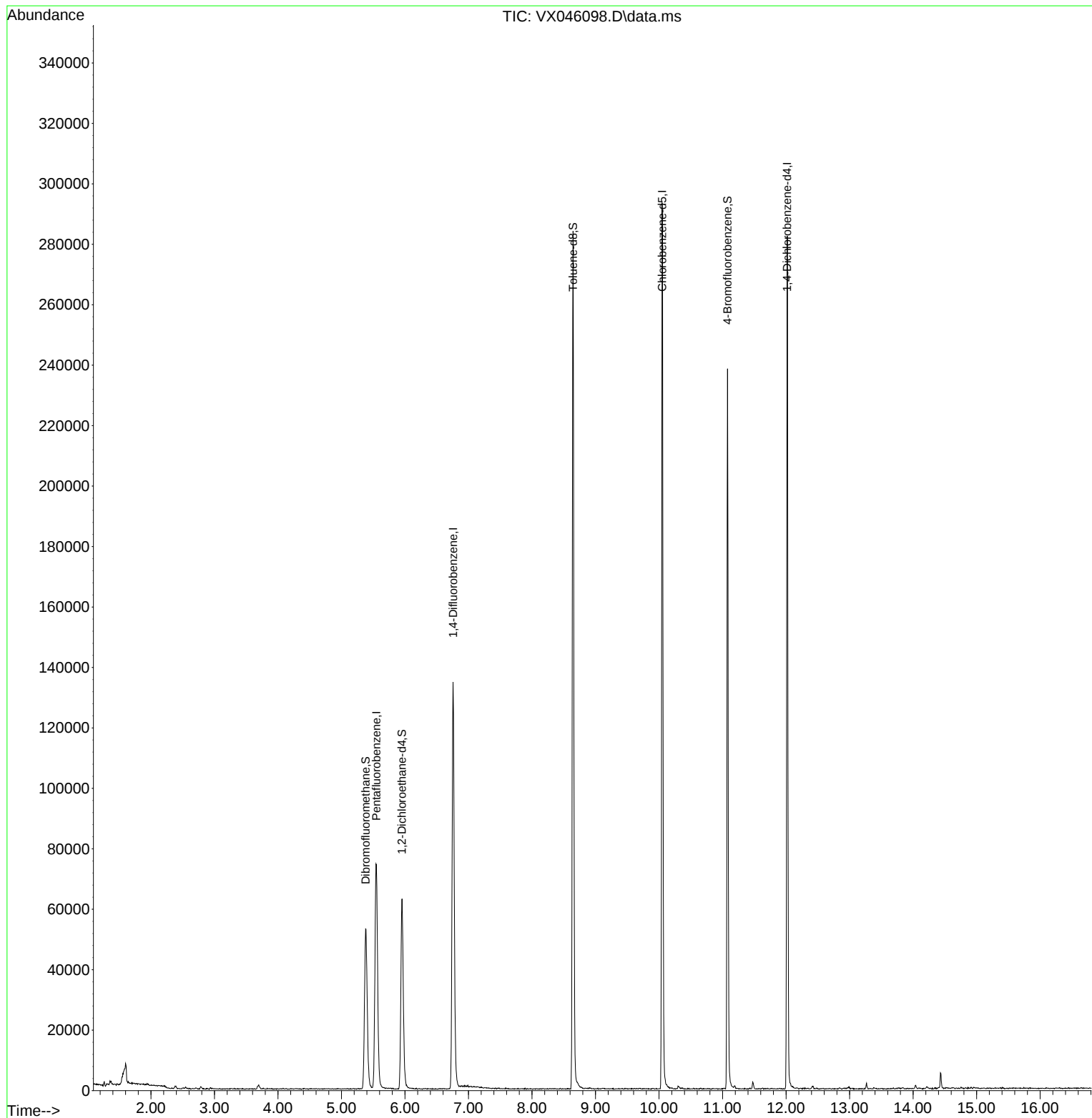
Target Compounds	Qvalue

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

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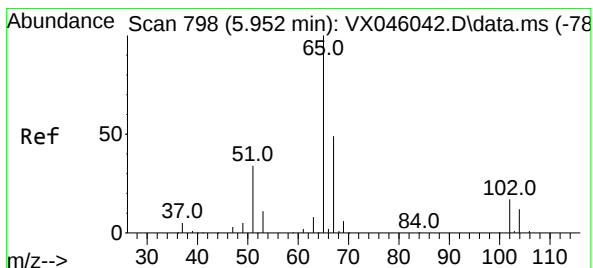
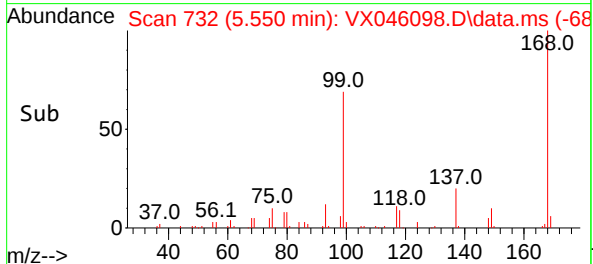
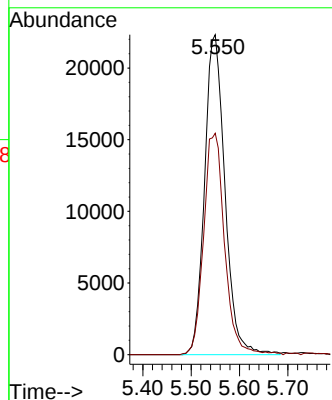
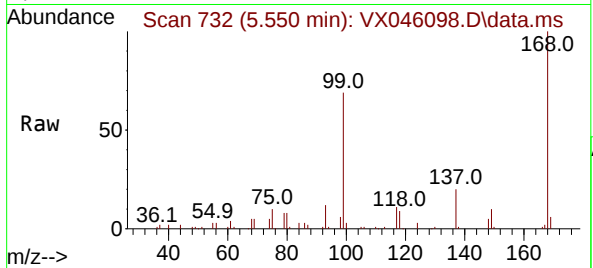




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046098.D
Acq: 08 May 2025 17:59

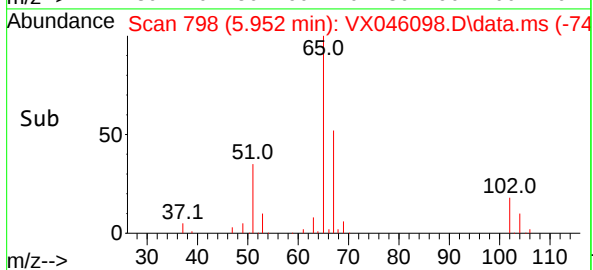
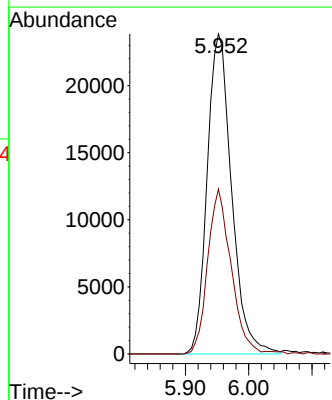
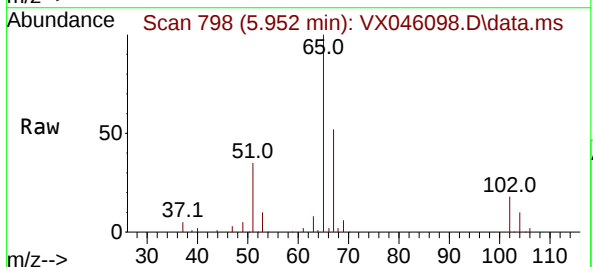
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 65370
Ion Ratio Lower Upper
168 100
99 69.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.551 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046098.D
Acq: 08 May 2025 17:59

Tgt Ion: 65 Resp: 64044
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

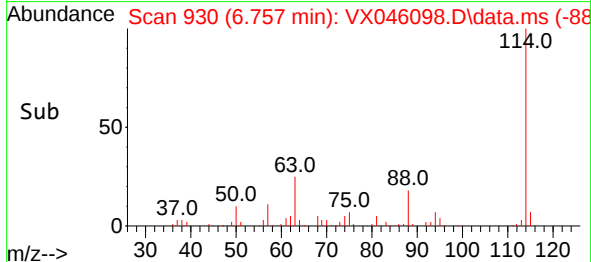
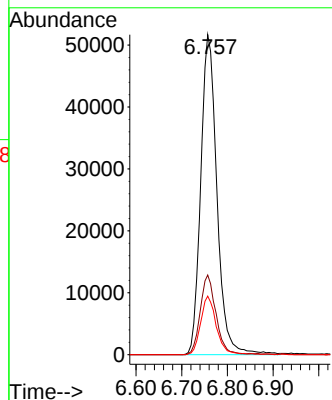
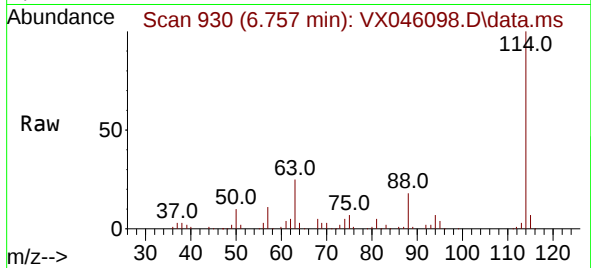




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046098.D
Acq: 08 May 2025 17:59

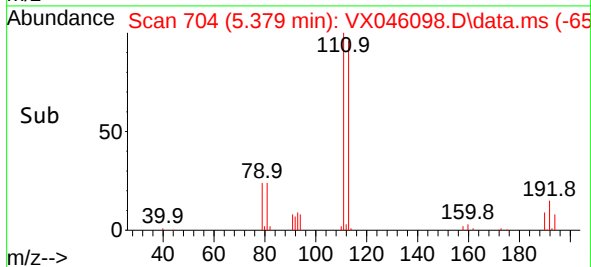
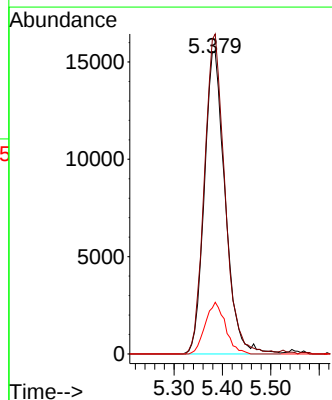
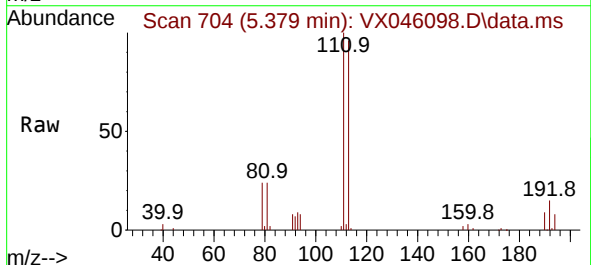
Instrument :
MSVOA_X
ClientSampleId :
IBLK

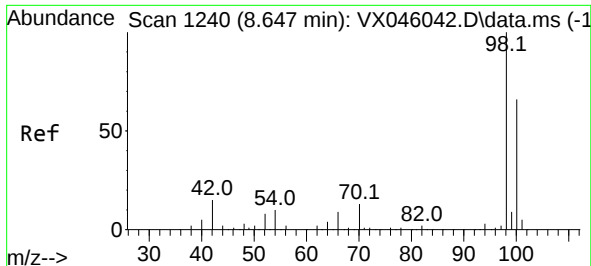
Tgt Ion:114 Resp: 127169
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 18.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.811 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046098.D
Acq: 08 May 2025 17:59

Tgt Ion:113 Resp: 46530
Ion Ratio Lower Upper
113 100
111 104.0 83.1 124.7
192 16.6 13.3 19.9





#50

Toluene-d8

Concen: 50.518 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046098.D

Acq: 08 May 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

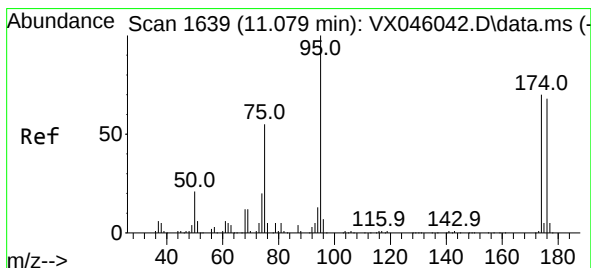
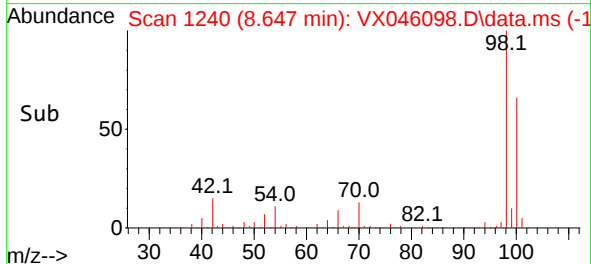
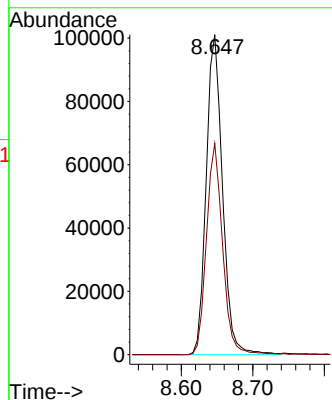
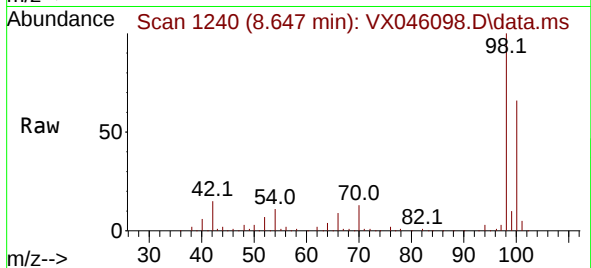
IBLK

Tgt Ion: 98 Resp: 160120

Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.383 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046098.D

Acq: 08 May 2025 17:59

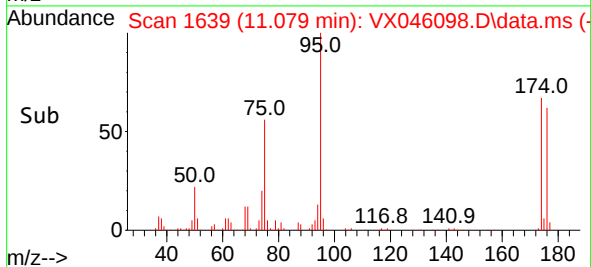
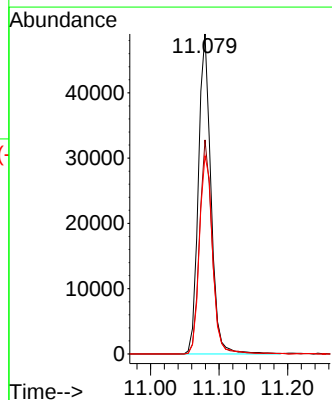
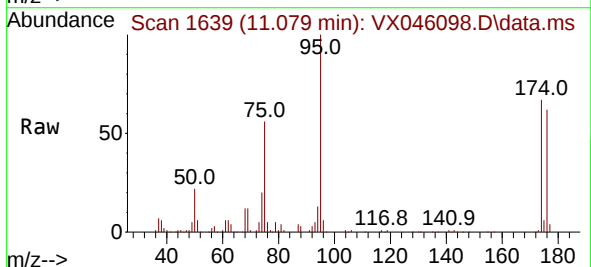
Tgt Ion: 95 Resp: 62471

Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.8

176 65.0 0.0 131.4

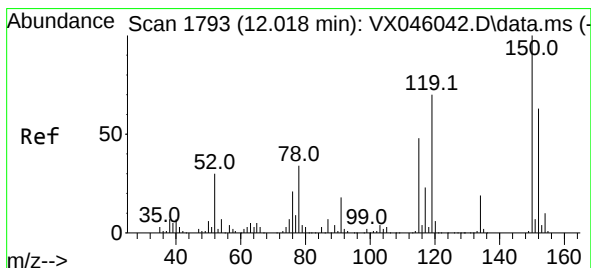
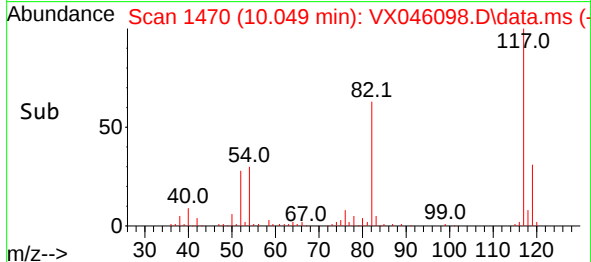
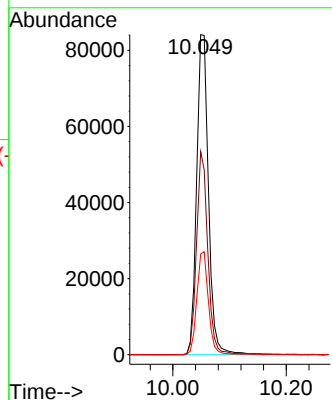
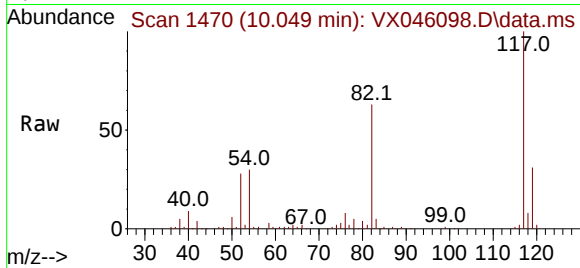




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046098.D
Acq: 08 May 2025 17:59

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 121673
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 31.5 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: VX046098.D
Acq: 08 May 2025 17:59

Tgt Ion:152 Resp: 51380
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 158.6 0.0 351.0

