

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046099.D
 Acq On : 08 May 2025 18:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 09 01:59:33 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	63388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62575	52.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.900%
35) Dibromofluoromethane	5.379	113	46070	50.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	8.647	98	159865	50.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	62353	51.254	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.500%

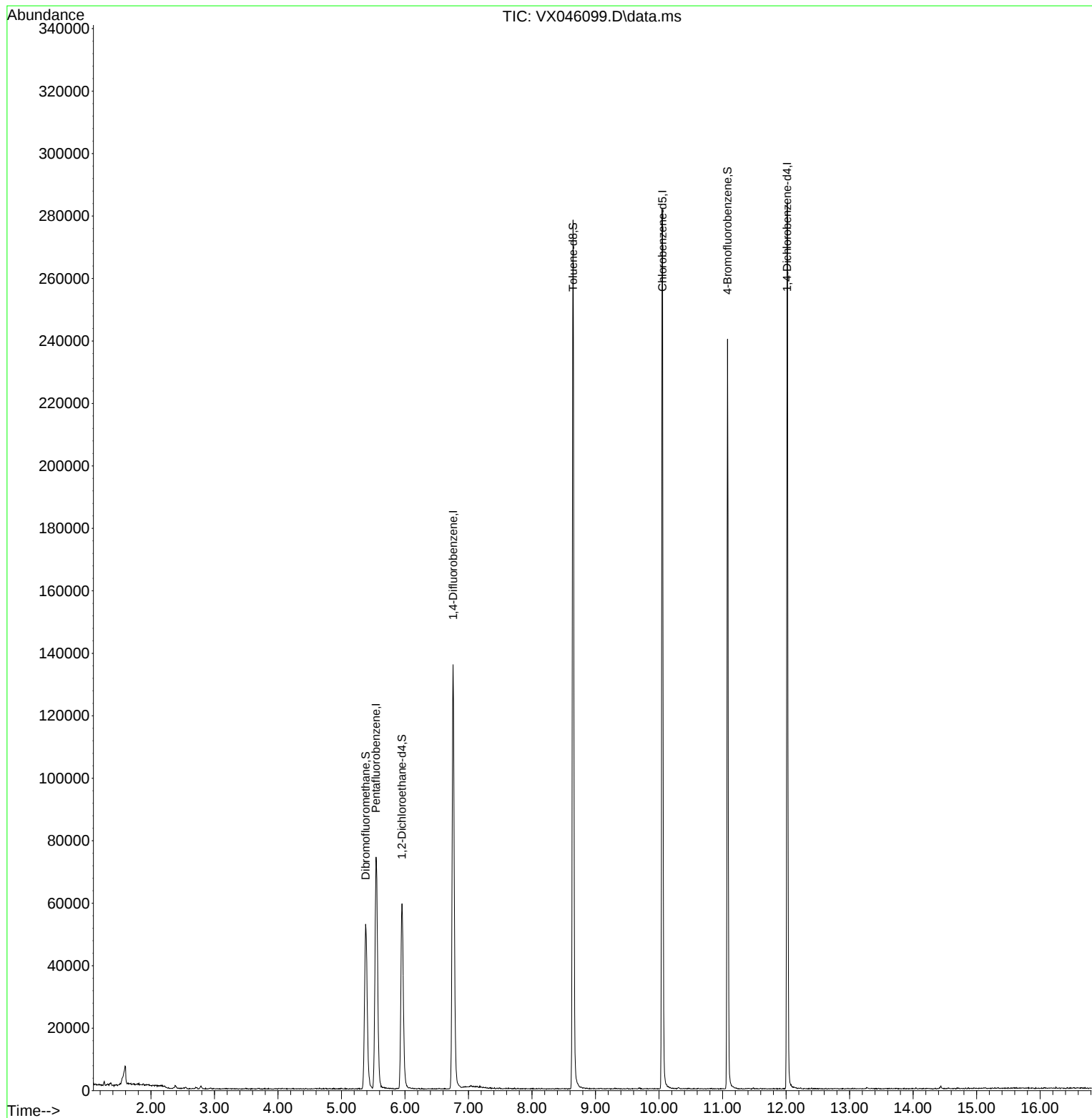
Target Compounds	Qvalue

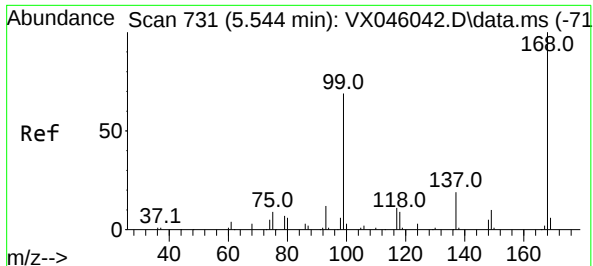
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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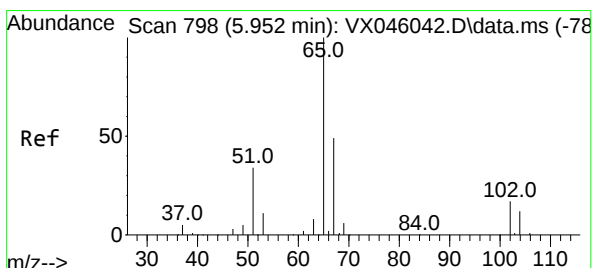
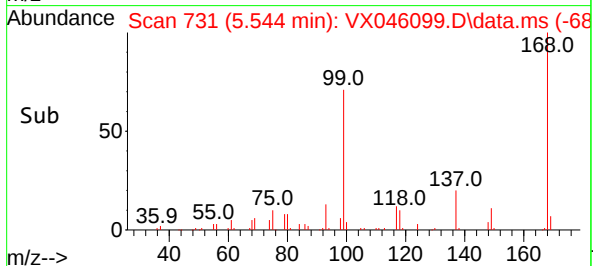
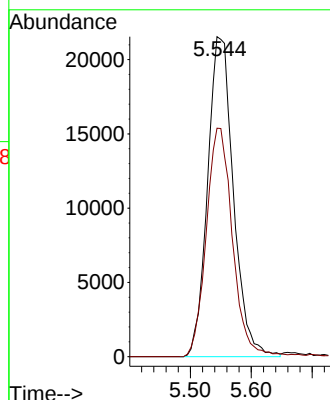
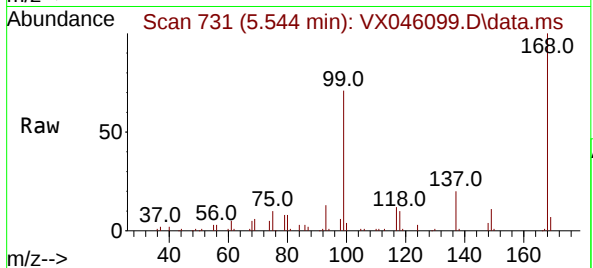




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

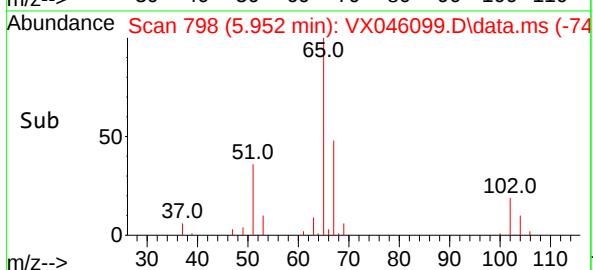
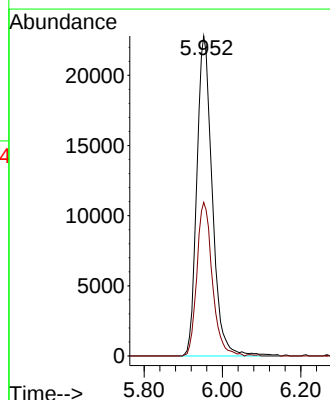
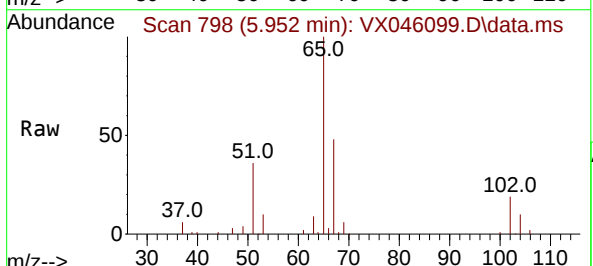
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 63388
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 65 Resp: 62575
Ion Ratio Lower Upper
65 100
67 48.0 0.0 99.0

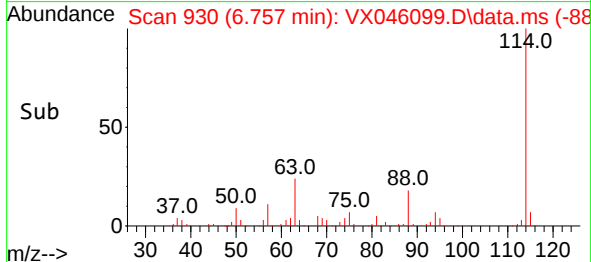
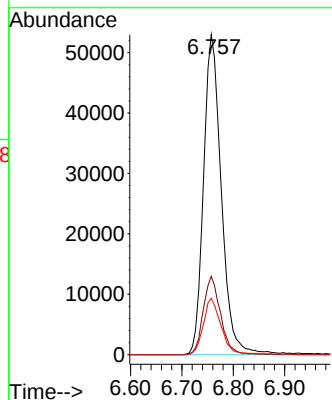
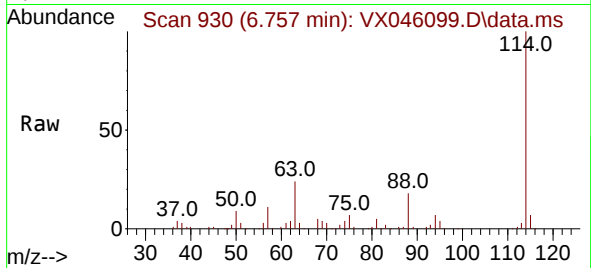




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046099.D
 Acq: 08 May 2025 18:23

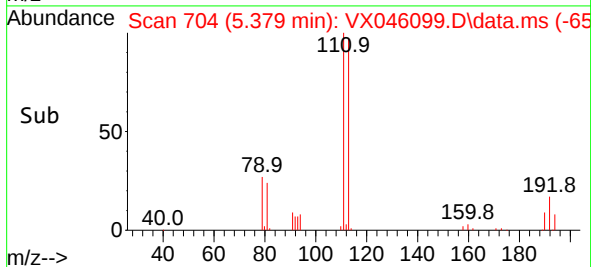
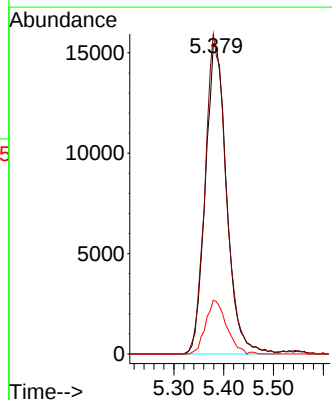
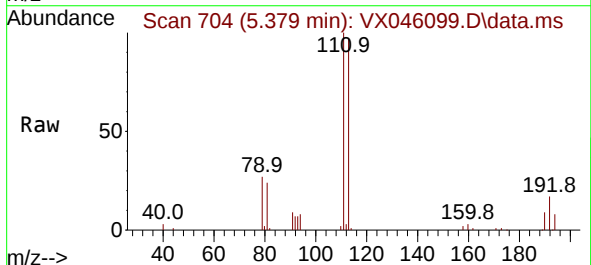
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:114 Resp: 127248
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.277 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX046099.D
 Acq: 08 May 2025 18:23

Tgt Ion:113 Resp: 46070
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.1 124.7
 192 16.9 13.3 19.9

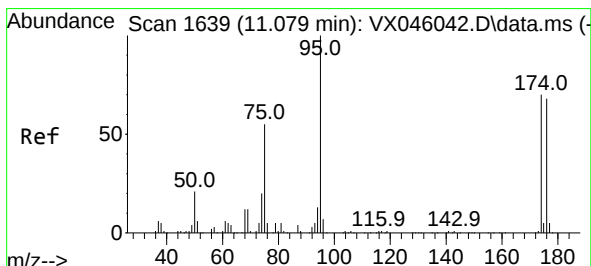
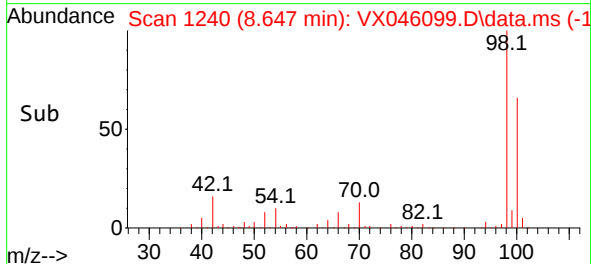
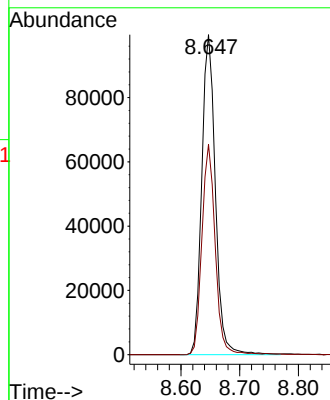
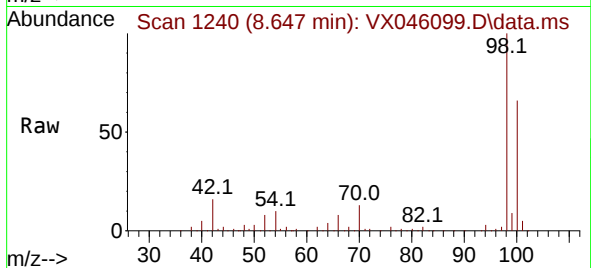




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

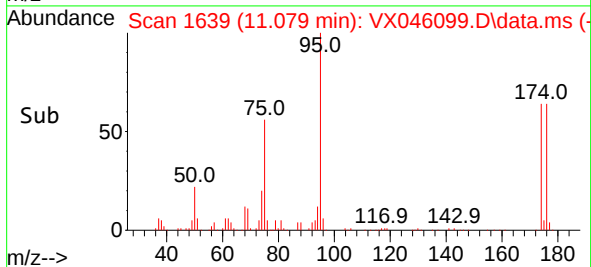
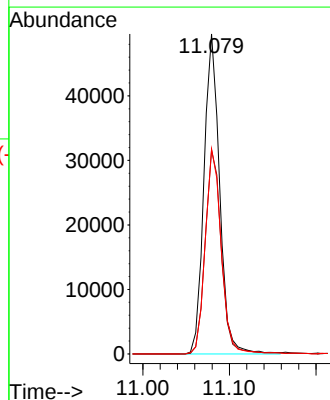
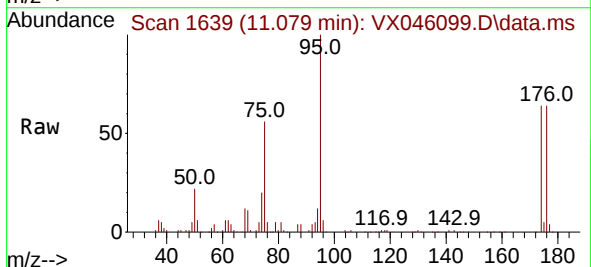
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 159865
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.254 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 95 Resp: 62353
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.8
176 65.8 0.0 131.4

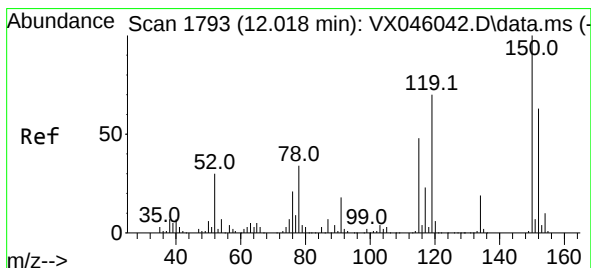
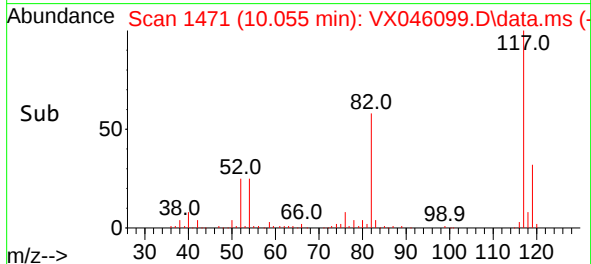
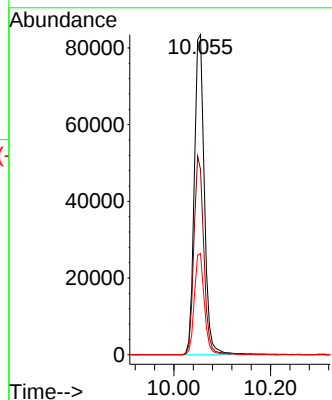
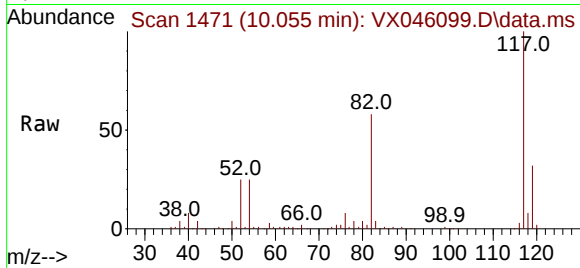




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 120399
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 31.6 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: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion:152 Resp: 51485
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.3 0.0 351.0

