

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046249.D
 Acq On : 16 May 2025 17:39
 Operator : JC/MD
 Sample : Q2072-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: May 16 23:09:10 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	60476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61719	54.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.480%
35) Dibromofluoromethane	5.385	113	44892	52.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	8.647	98	151681	50.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	57036	49.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.880%

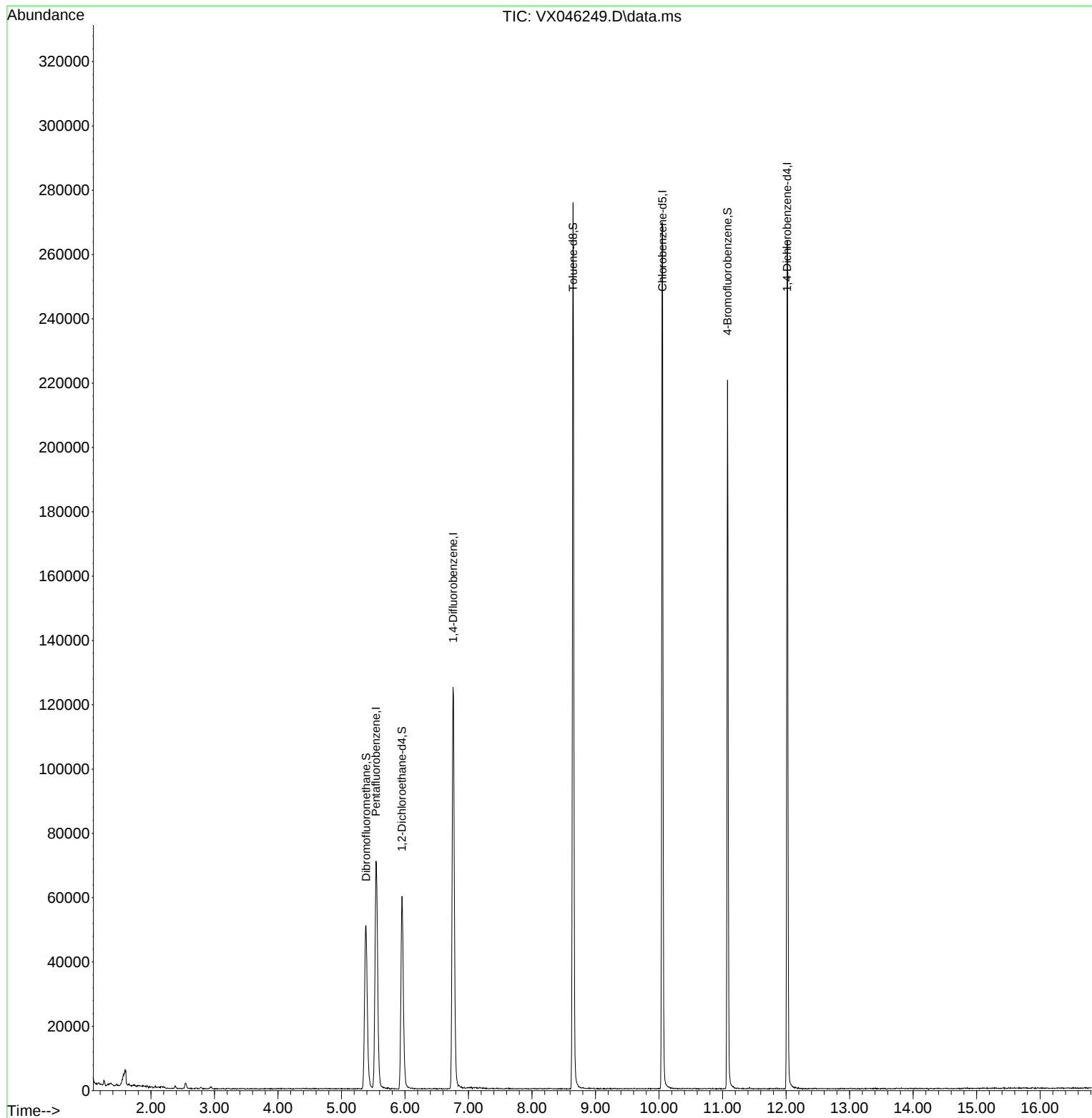
Target Compounds	Qvalue

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

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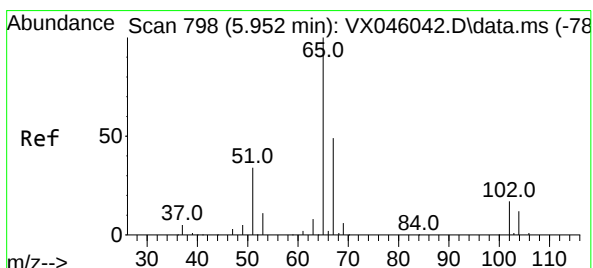
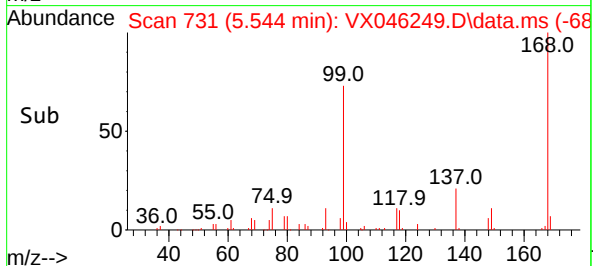
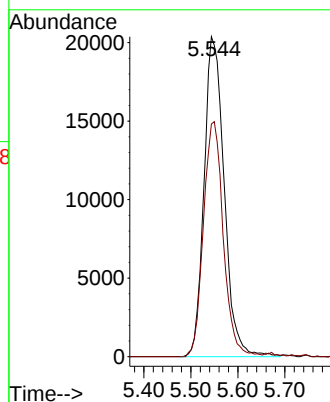
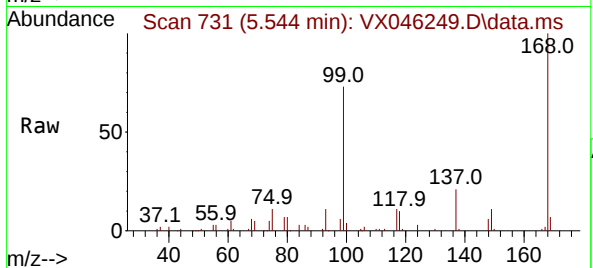




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

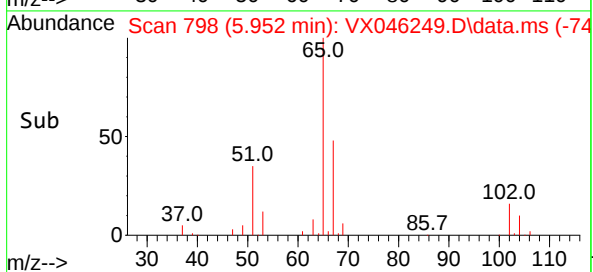
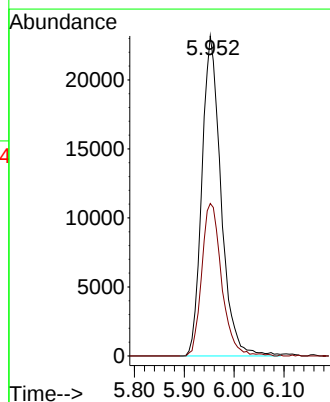
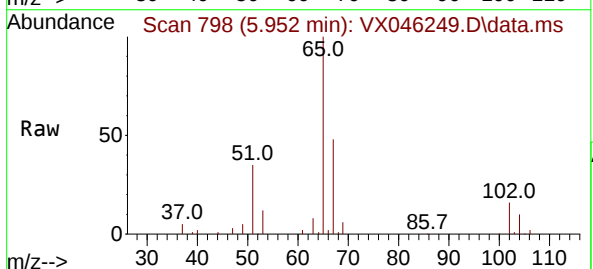
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:168 Resp: 60476
Ion Ratio Lower Upper
168 100
99 72.7 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.741 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

Tgt Ion: 65 Resp: 61719
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

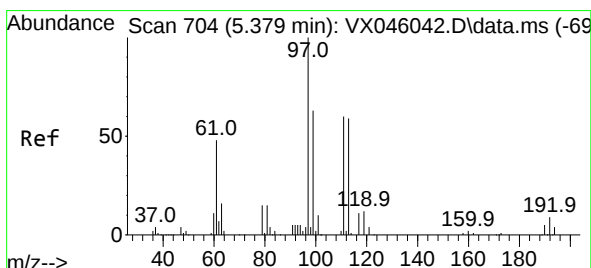
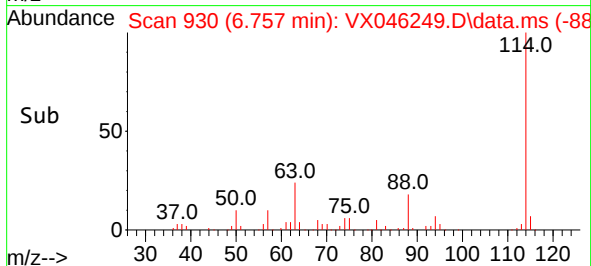
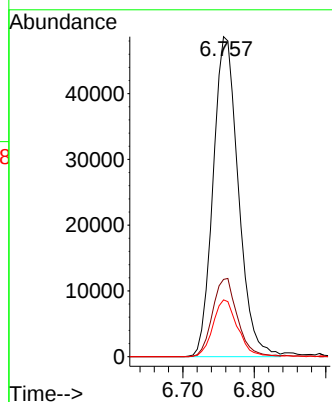
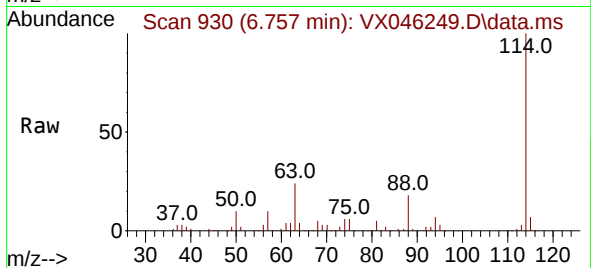




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

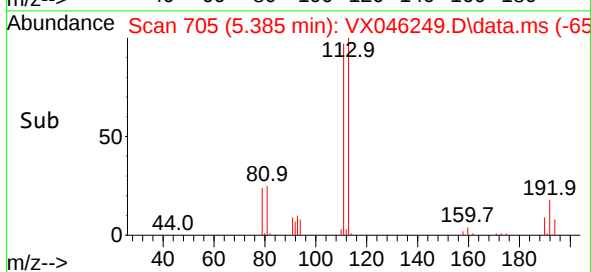
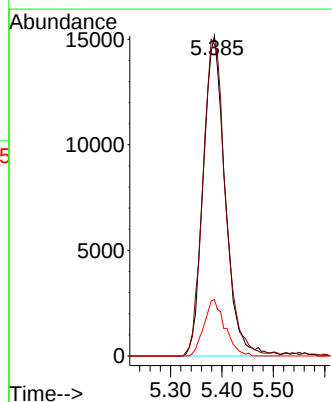
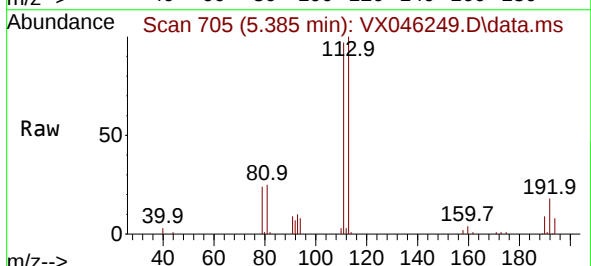
Instrument :
MSVOA_X
ClientSampleId :
MW-3

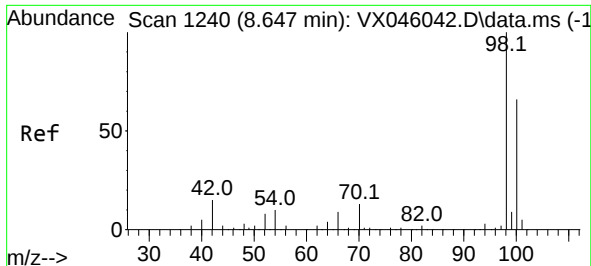
Tgt Ion:114 Resp: 119451
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

Tgt Ion:113 Resp: 44892
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.9 13.3 19.9

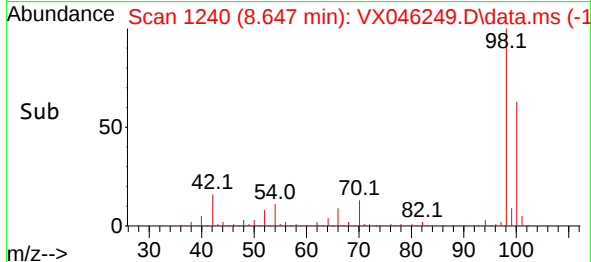
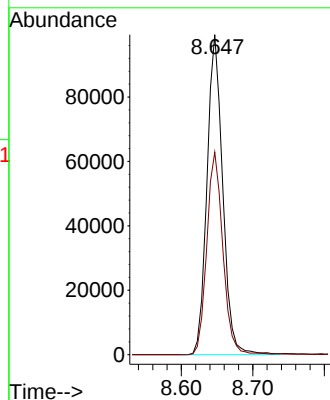
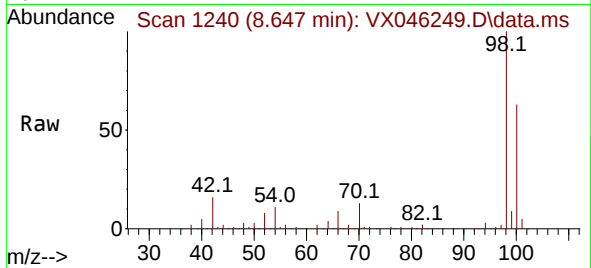




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

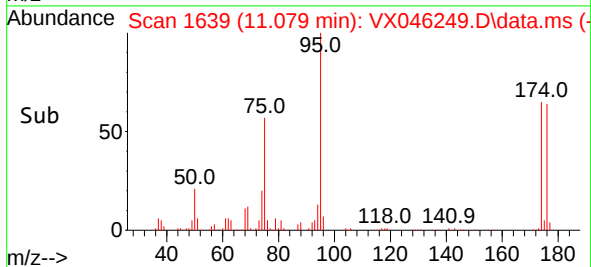
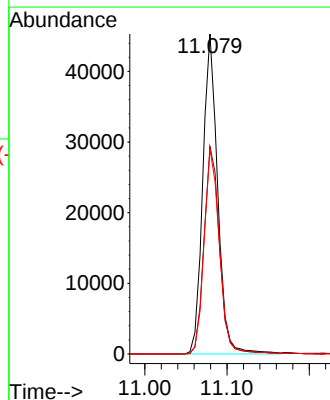
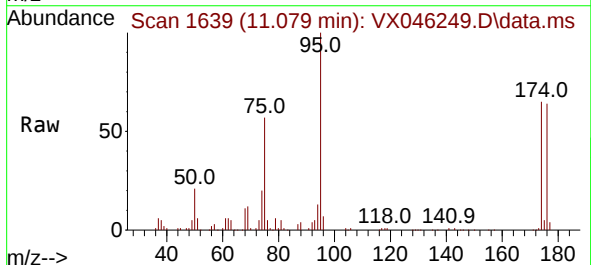
Instrument :
MSVOA_X
ClientSampleId :
MW-3

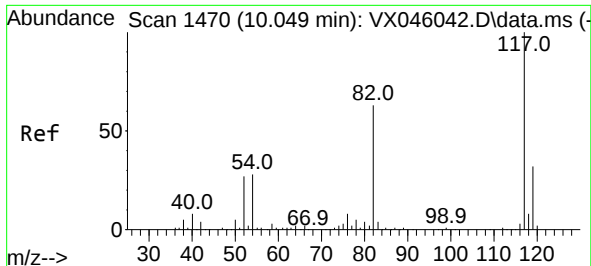
Tgt Ion: 98 Resp: 151681
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

Tgt Ion: 95 Resp: 57036
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.8 0.0 131.4

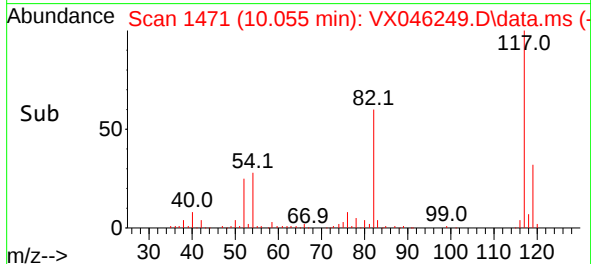
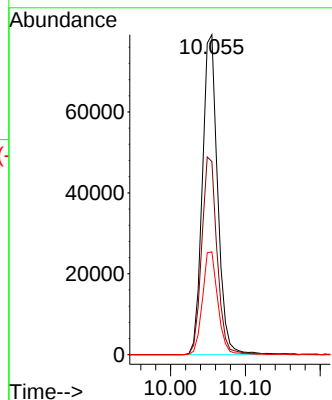
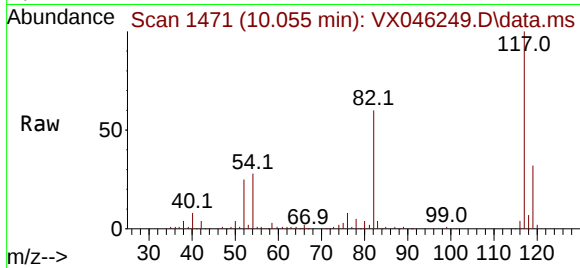




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046249.D
Acq: 16 May 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 112435
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.1 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: VX046249.D
Acq: 16 May 2025 17:39

Tgt Ion:152 Resp: 48415
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 159.3 0.0 351.0

