

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046187.D
 Acq On : 14 May 2025 12:23
 Operator : JC/MD
 Sample : Q2032-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 15 01:20:08 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	68629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70059	54.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.520%
35) Dibromofluoromethane	5.385	113	50628	51.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.440%
50) Toluene-d8	8.647	98	171447	50.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	67254	51.252	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.500%

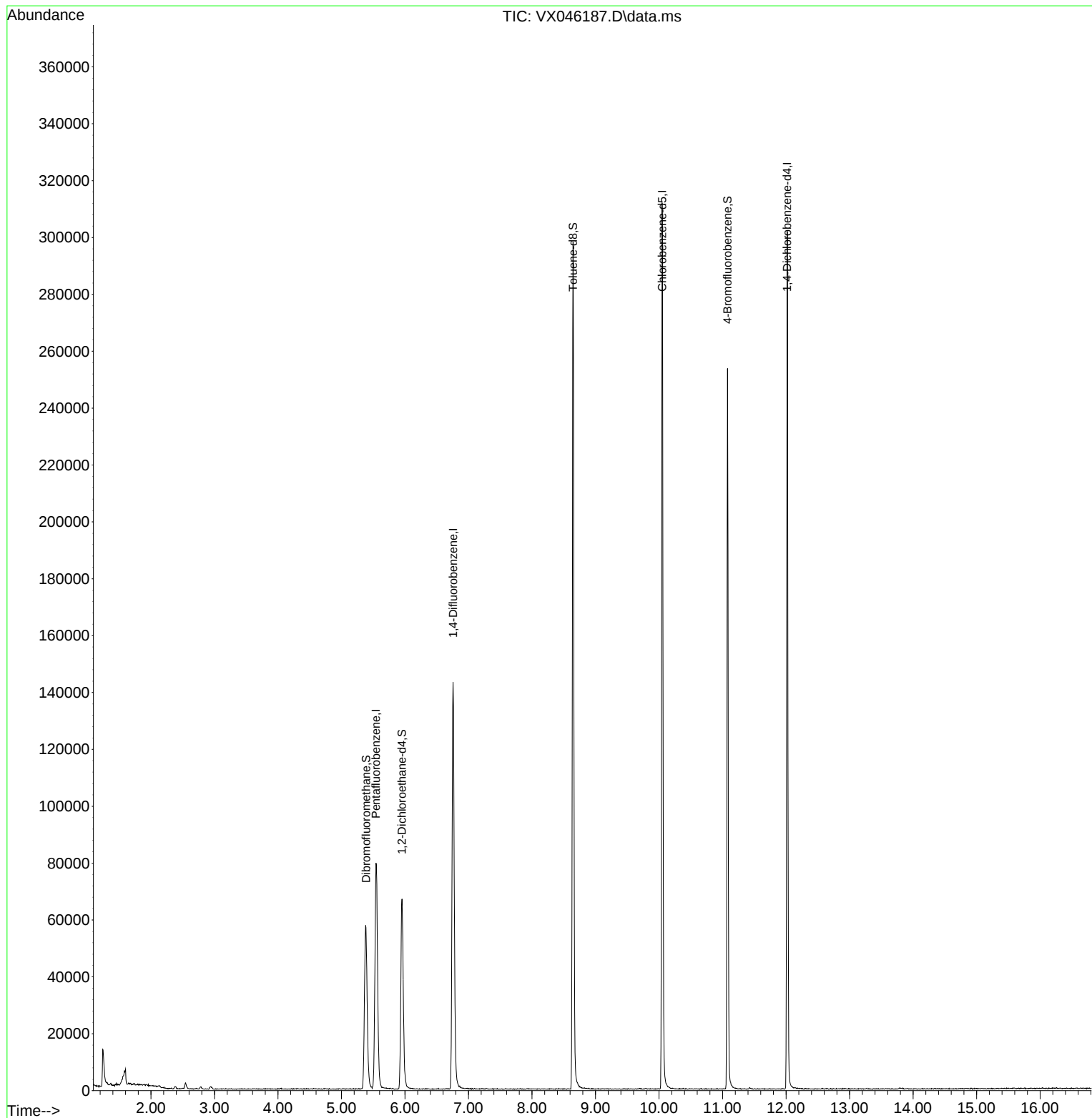
Target Compounds	Qvalue

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

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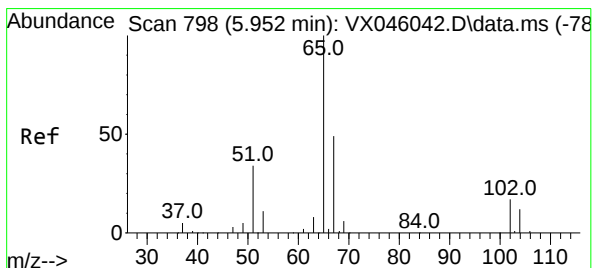
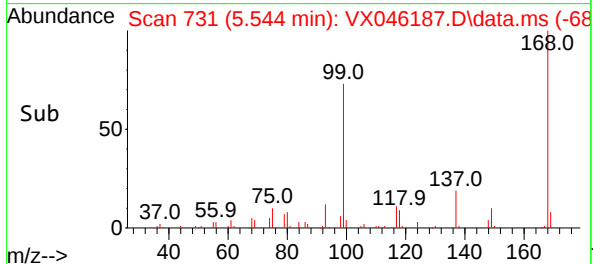
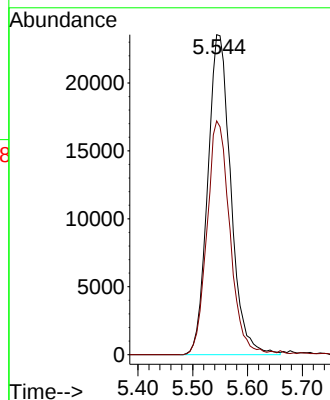
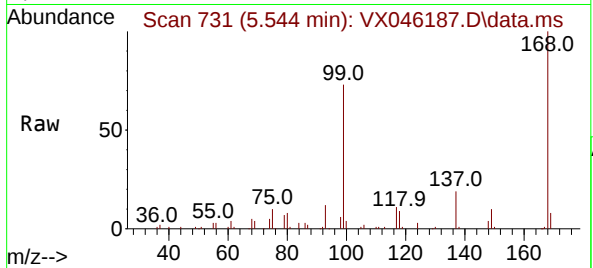




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

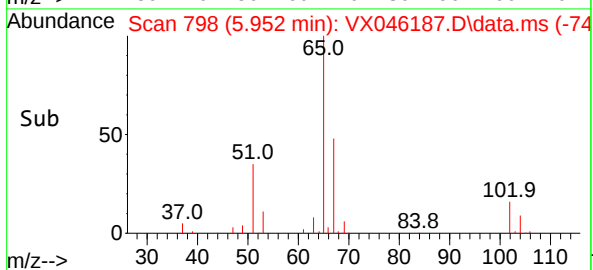
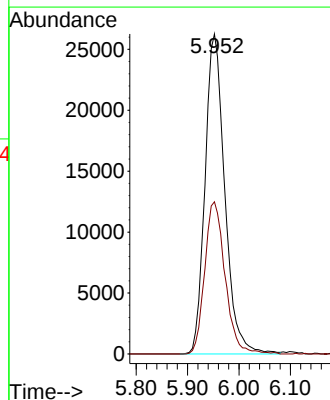
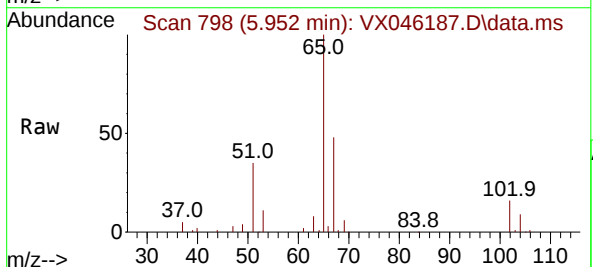
Instrument :
MSVOA_X
ClientSampleId :
TB

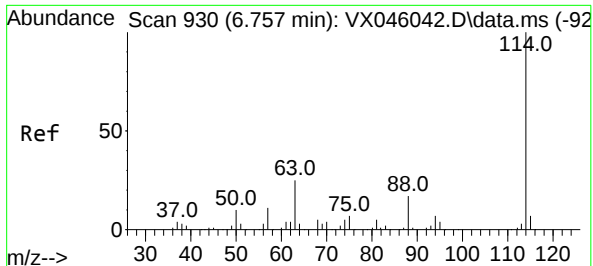
Tgt Ion:168 Resp: 68629
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.756 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 65 Resp: 70059
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

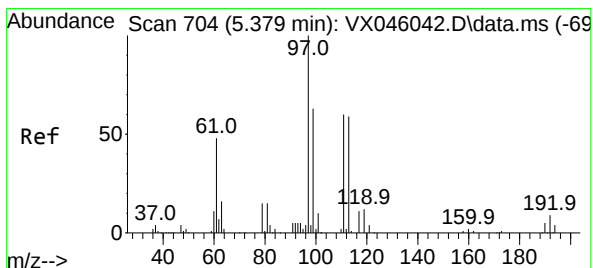
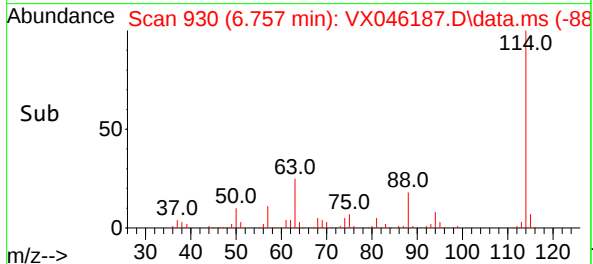
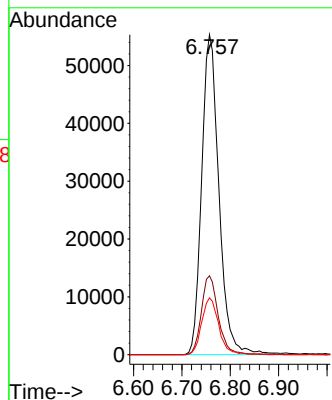
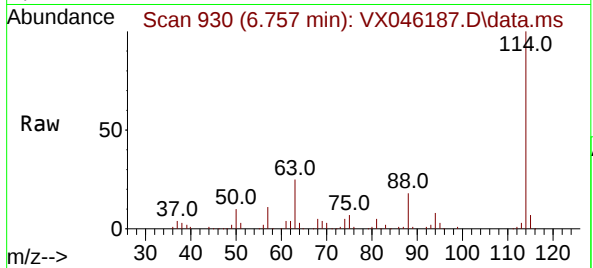




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

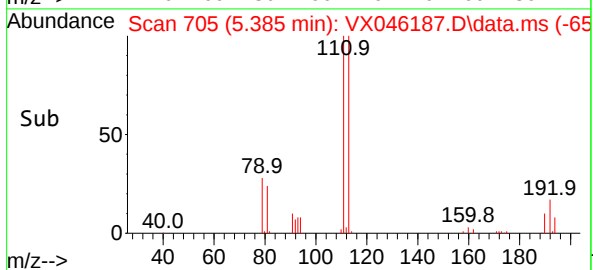
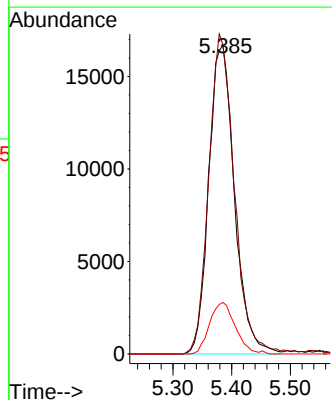
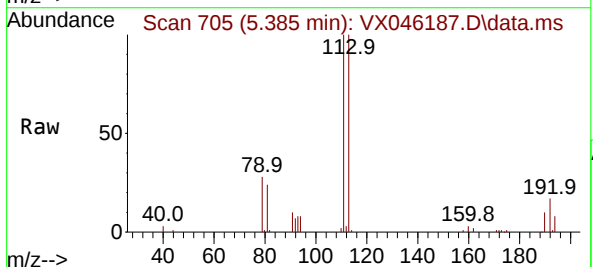
Instrument :
MSVOA_X
ClientSampleId :
TB

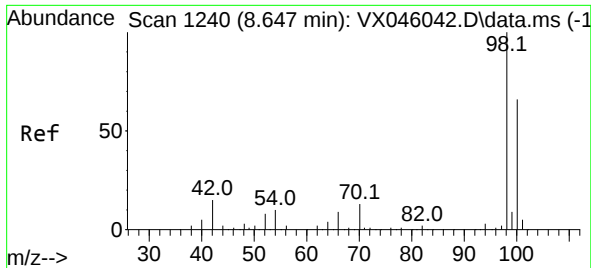
Tgt Ion:114 Resp: 137257
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion:113 Resp: 50628
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.8 13.3 19.9

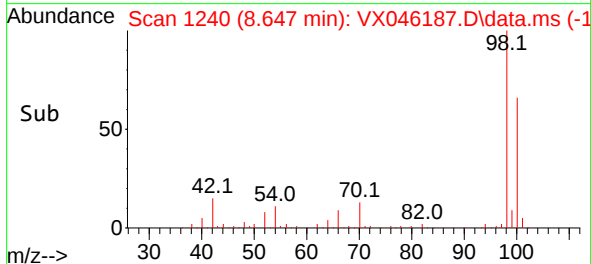
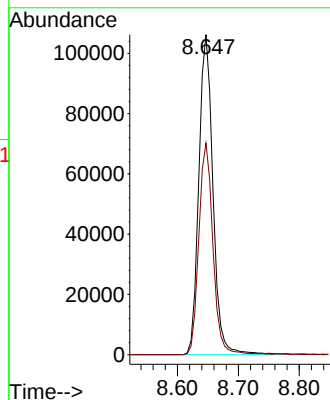
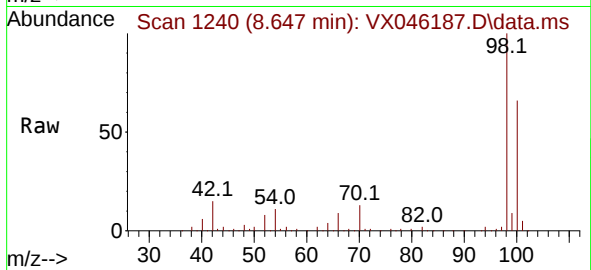




#50
Toluene-d8
Concen: 50.116 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

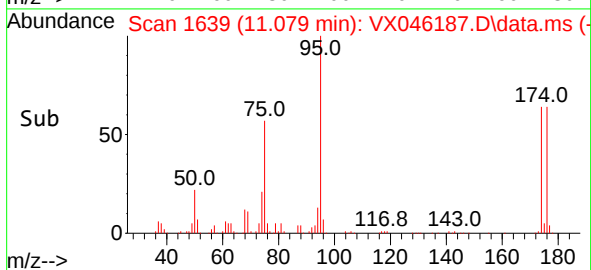
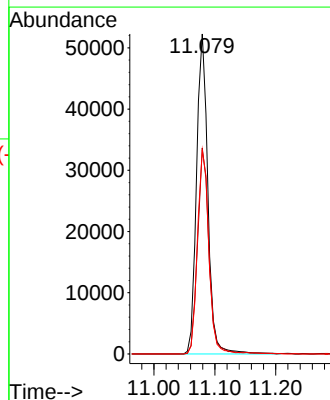
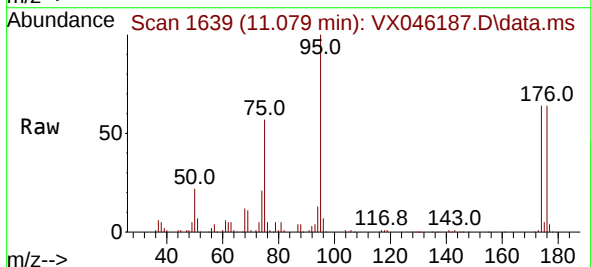
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 171447
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion: 95 Resp: 67254
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.8
176 64.8 0.0 131.4

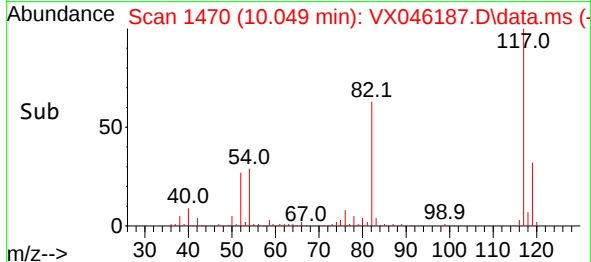
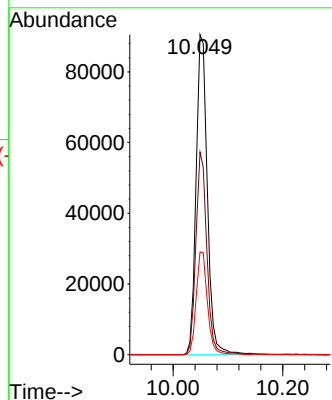
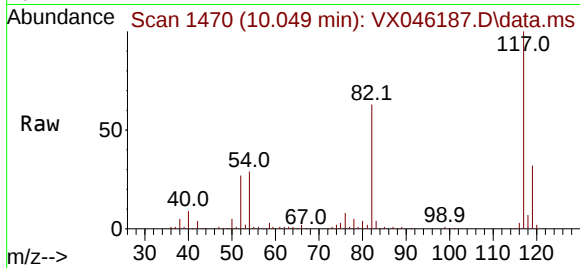




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046187.D
Acq: 14 May 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 130290
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.2 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: VX046187.D
Acq: 14 May 2025 12:23

Tgt Ion:152 Resp: 54291
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 160.5 0.0 351.0

