

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047699.D
 Acq On : 22 Sep 2025 13:25
 Operator : JC/MD
 Sample : Q3097-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20250912

Quant Time: Sep 23 01:33:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	187967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	340659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	310536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141569	47.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.640%
35) Dibromofluoromethane	5.379	113	107254	46.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.634	98	370285	46.840	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.680%
62) 4-Bromofluorobenzene	11.067	95	139707	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%

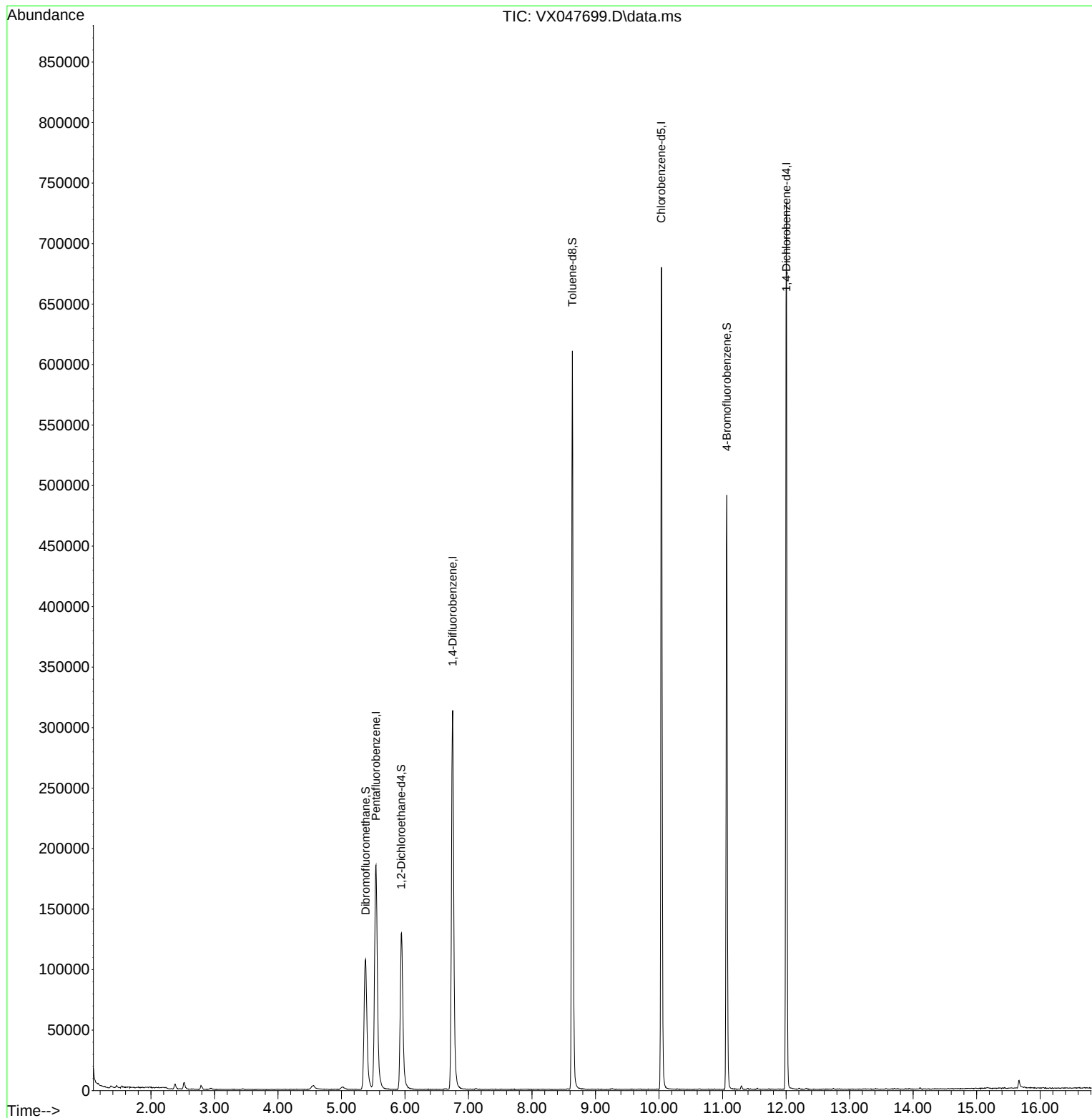
Target Compounds	Qvalue

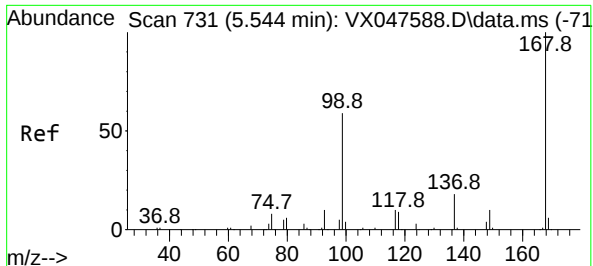
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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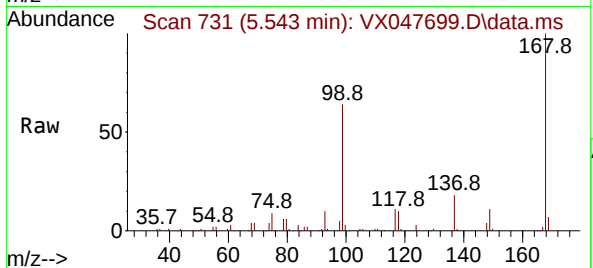
Quant Time: Sep 23 01:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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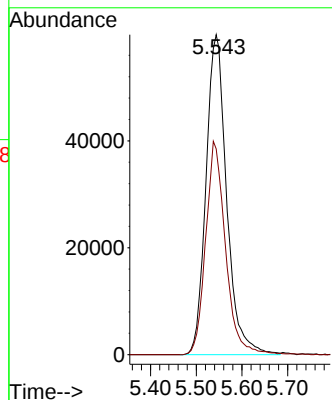
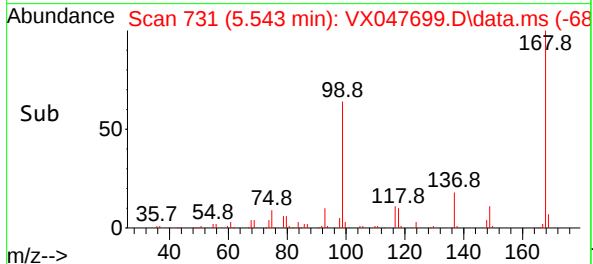


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Instrument :
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ClientSampleId :
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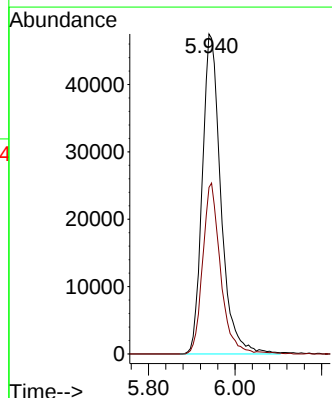
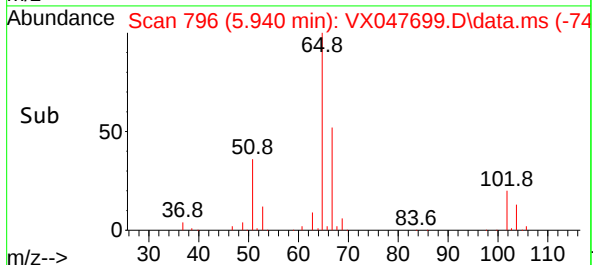
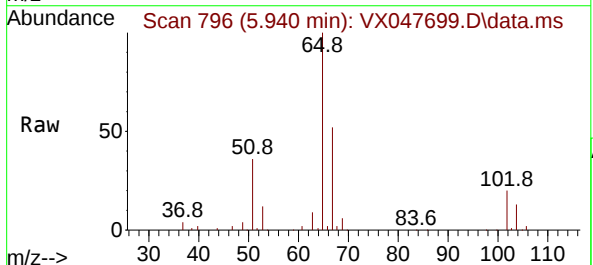


Tgt Ion:168 Resp: 187967
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.316 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 65 Resp: 141569
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

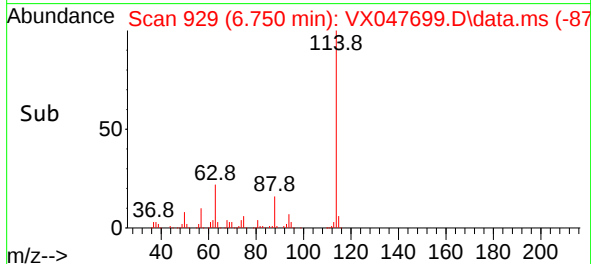
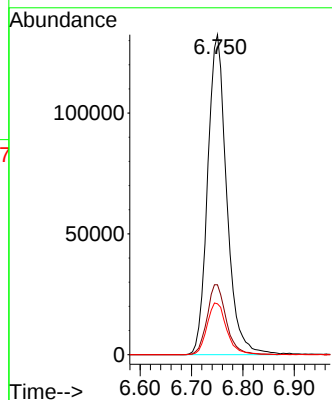
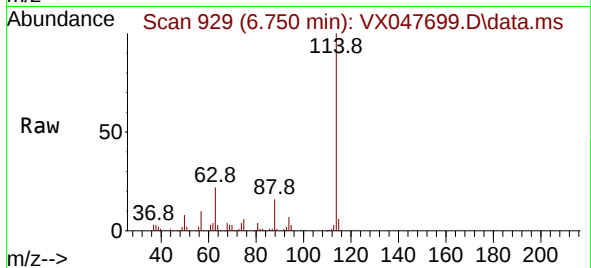




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

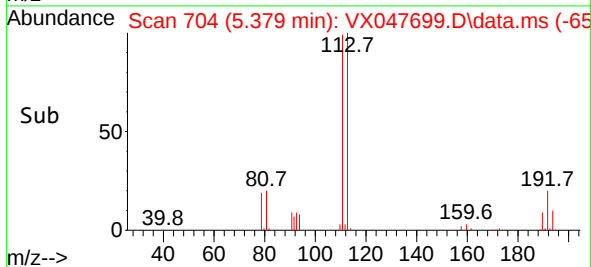
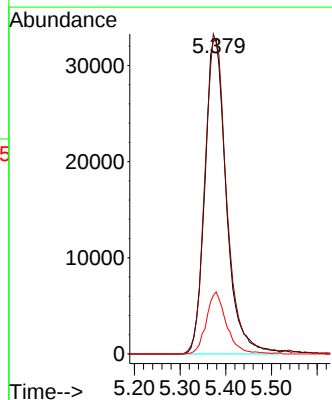
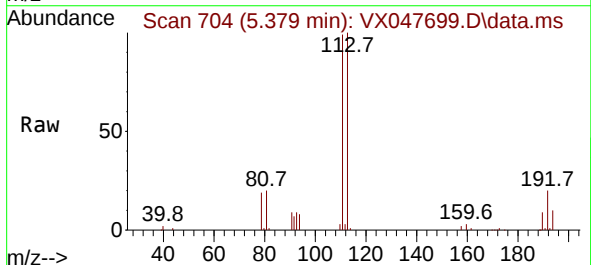
Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

Tgt Ion:114 Resp: 340659
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.946 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion:113 Resp: 107254
Ion Ratio Lower Upper
113 100
111 102.2 80.9 121.3
192 18.4 14.2 21.4

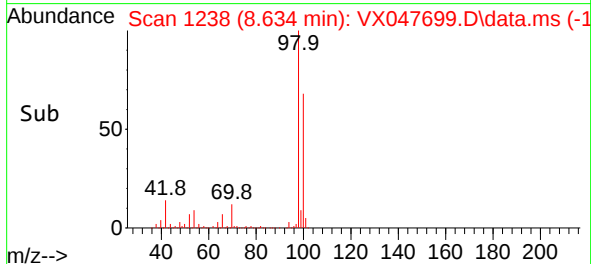
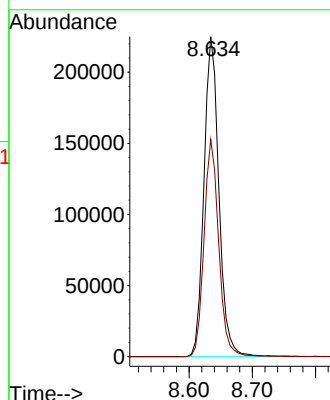
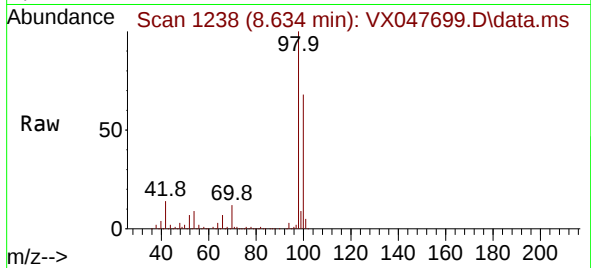




#50
Toluene-d8
Concen: 46.840 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

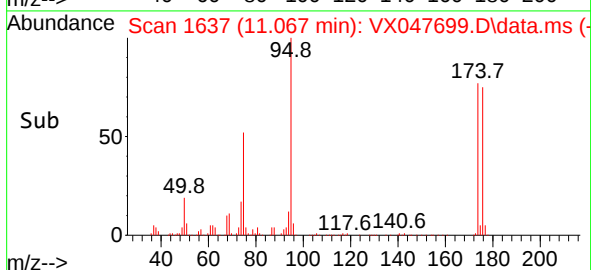
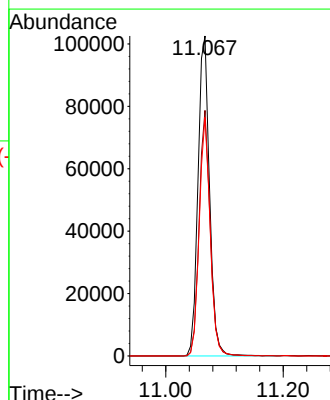
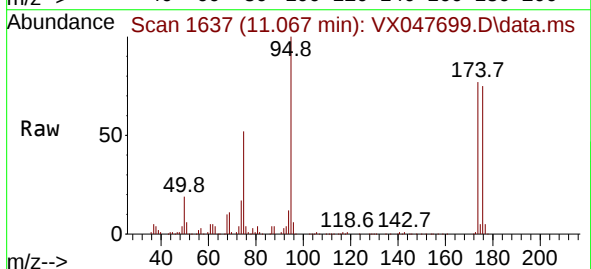
Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

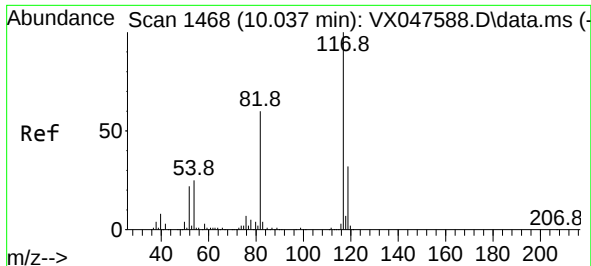
Tgt Ion: 98 Resp: 370285
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion: 95 Resp: 139707
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 70.8 0.0 138.4

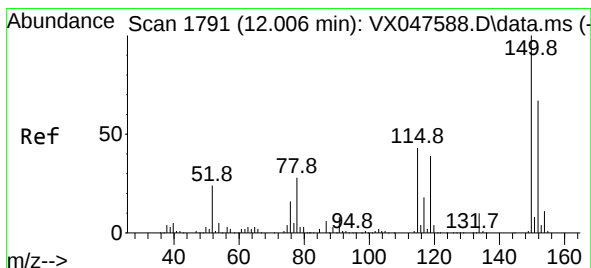
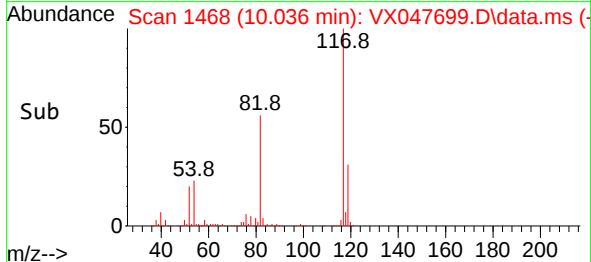
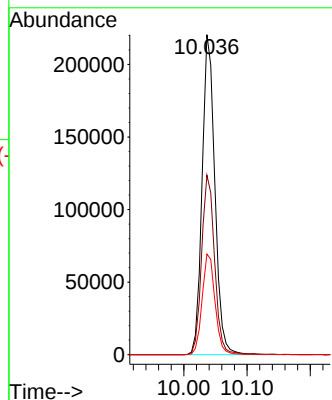
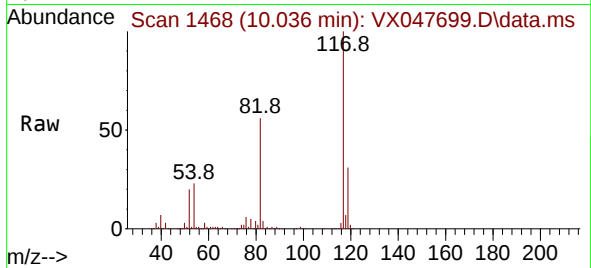




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
EB01-20250912

Tgt Ion:117 Resp: 310536
Ion Ratio Lower Upper
117 100
82 56.1 47.8 71.6
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047699.D
Acq: 22 Sep 2025 13:25

Tgt Ion:152 Resp: 150335
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 157.3 0.0 352.0

