

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046353.D
 Acq On : 23 May 2025 18:22
 Operator : JC/MD
 Sample : Q2123-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 23 23:06:32 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	71089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71204	53.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.460%
35) Dibromofluoromethane	5.379	113	51680	50.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	8.647	98	179002	50.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	70393	51.464	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.920%

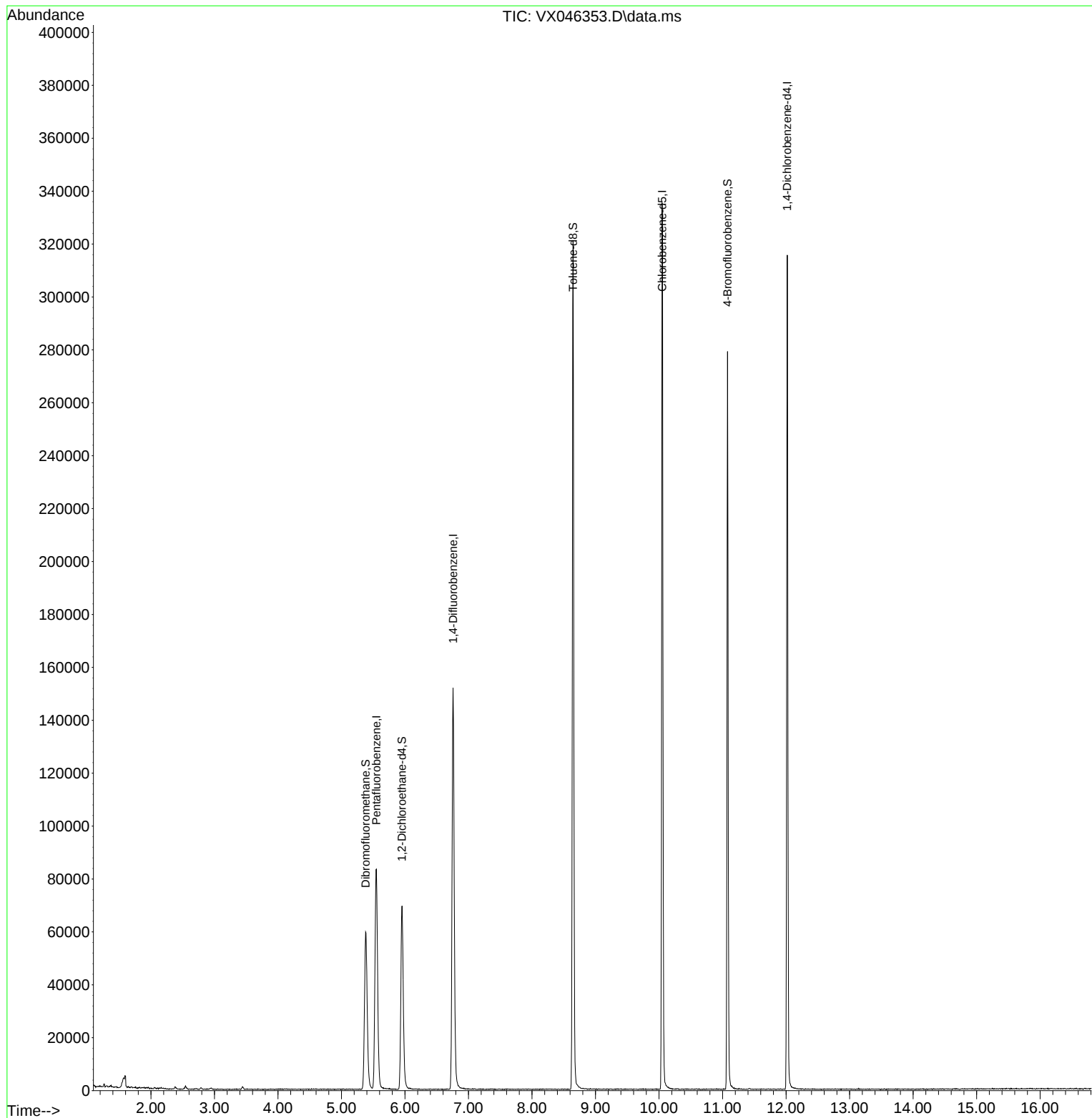
Target Compounds	Qvalue

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

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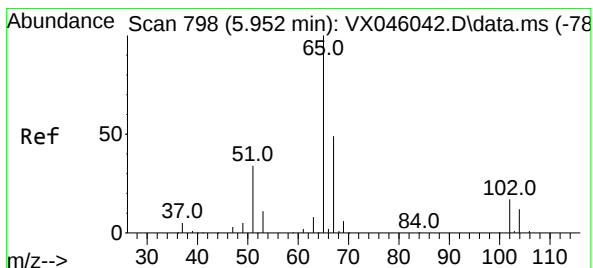
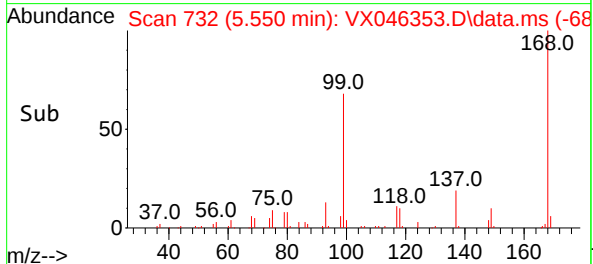
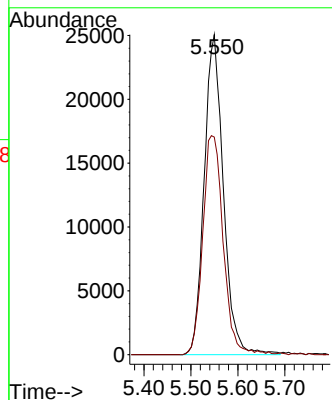
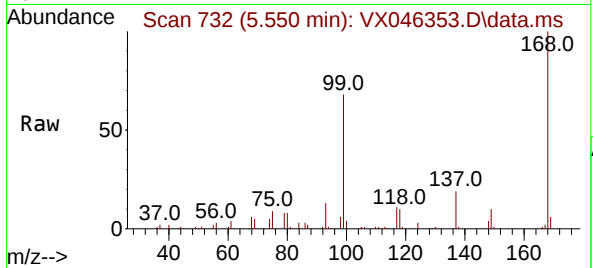




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

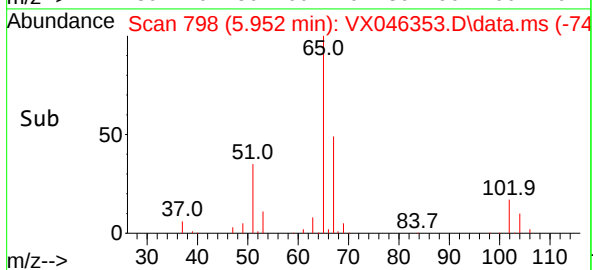
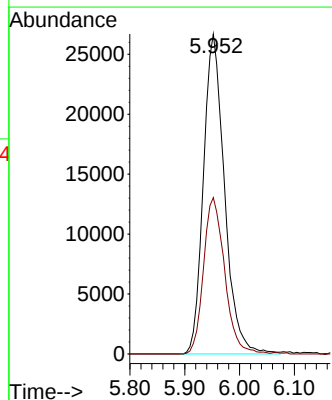
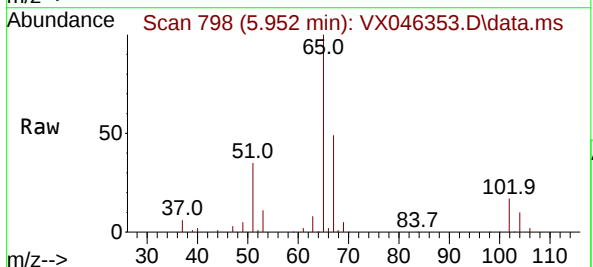
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 71089
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.726 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 65 Resp: 71204
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

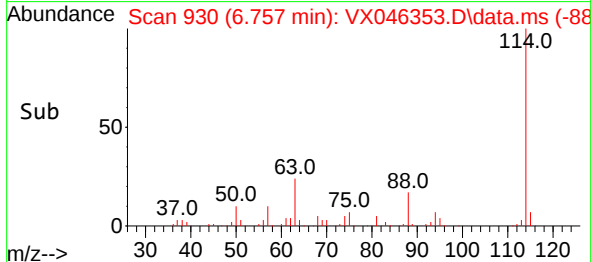
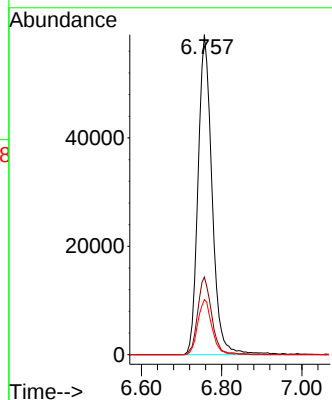
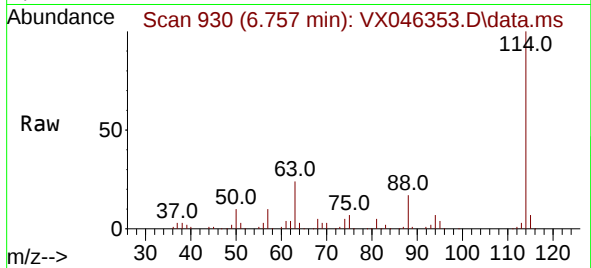




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

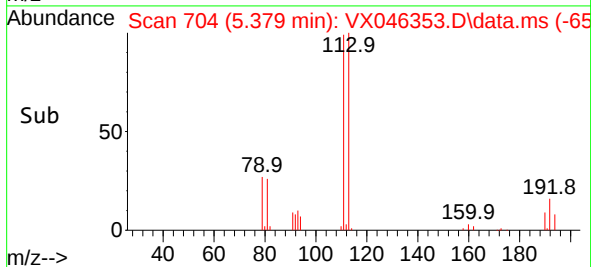
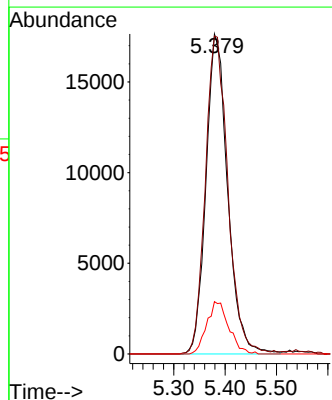
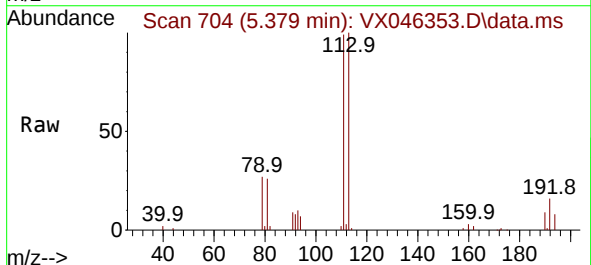
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 143070
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion:113 Resp: 51680
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.6 13.3 19.9

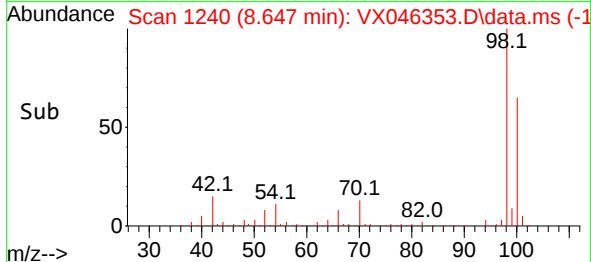
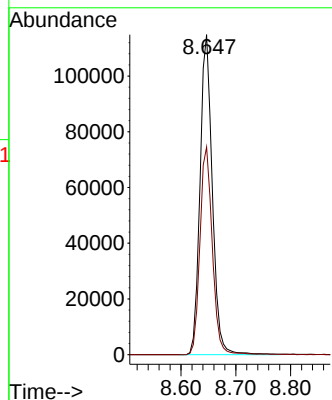
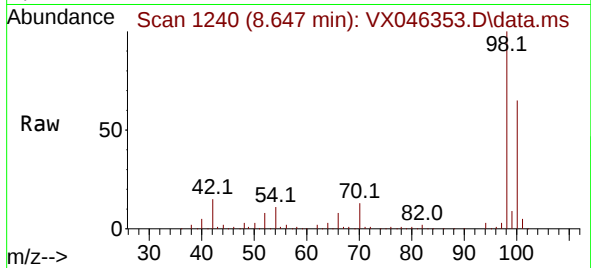




#50
Toluene-d8
Concen: 50.199 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

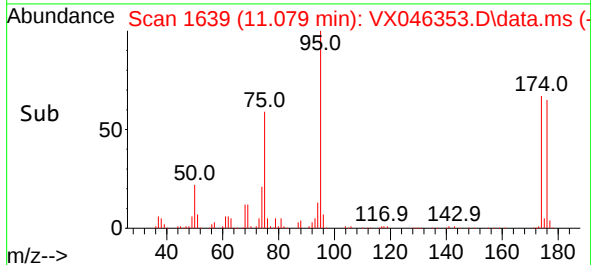
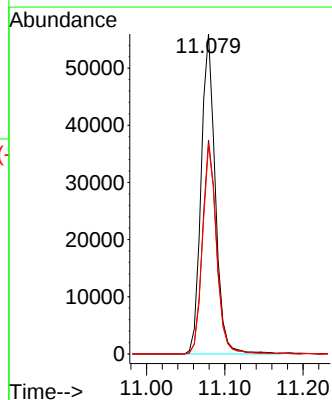
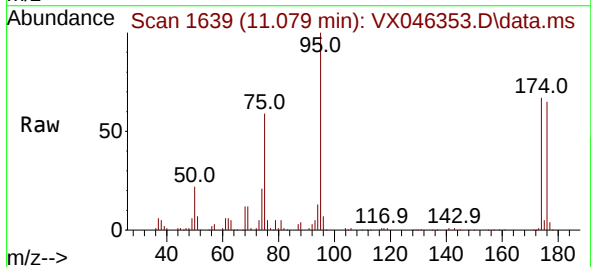
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

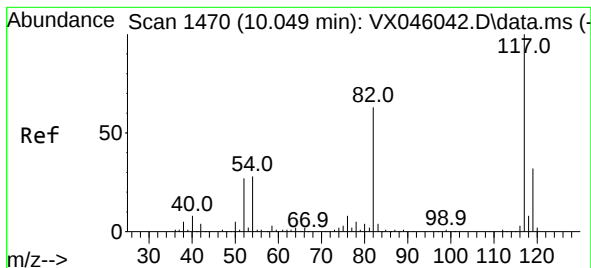
Tgt Ion: 98 Resp: 179002
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046353.D
Acq: 23 May 2025 18:22

Tgt Ion: 95 Resp: 70393
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 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: VX046353.D

Acq: 23 May 2025 18:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

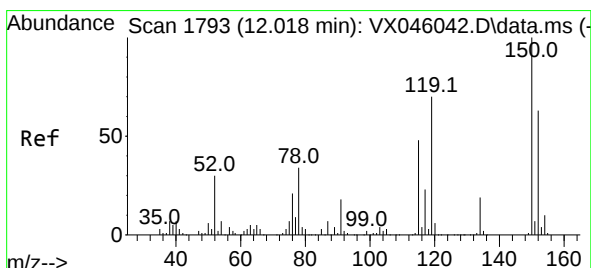
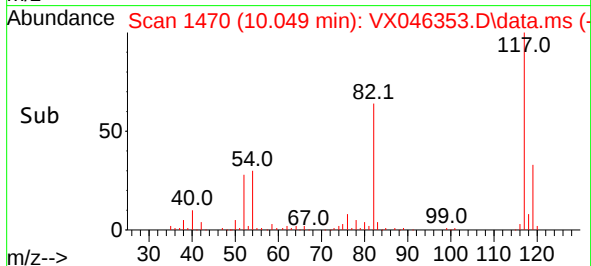
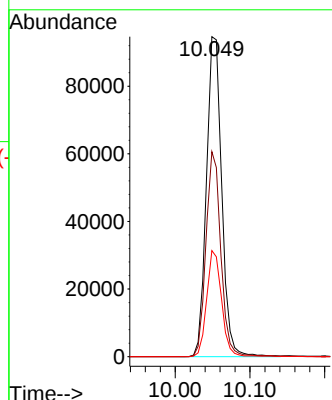
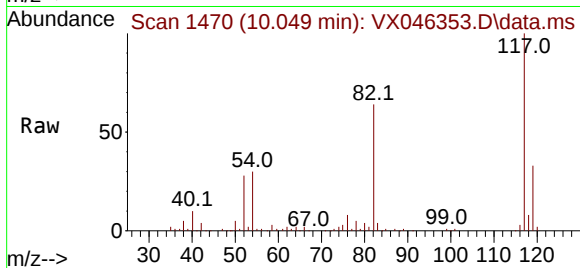
Tgt Ion:117 Resp: 134800

Ion Ratio Lower Upper

117 100

82 64.1 50.6 76.0

119 33.1 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: VX046353.D

Acq: 23 May 2025 18:22

Tgt Ion:152 Resp: 58155

Ion Ratio Lower Upper

152 100

115 67.4 46.9 140.7

150 157.4 0.0 351.0

