

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047721.D
 Acq On : 23 Sep 2025 10:22
 Operator : JC/MD
 Sample : VX0923WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBL01

Quant Time: Sep 24 01:26:46 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	5.531	168	119065	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	248954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	95920	50.612	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.220%
35) Dibromofluoromethane	5.373	113	79691	47.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.635	98	277020	47.950	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.061	95	123900	56.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.020%

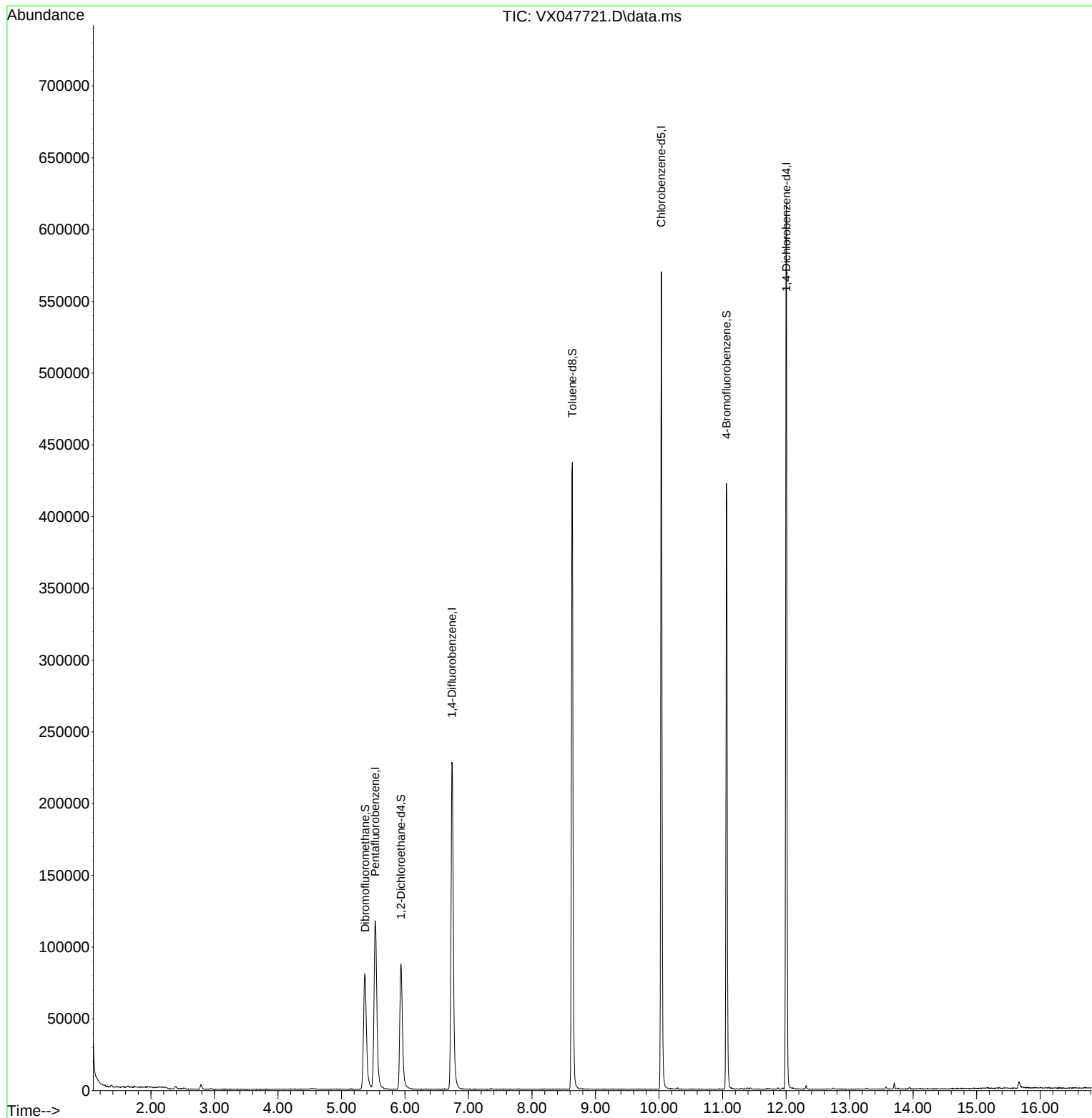
Target Compounds	Qvalue

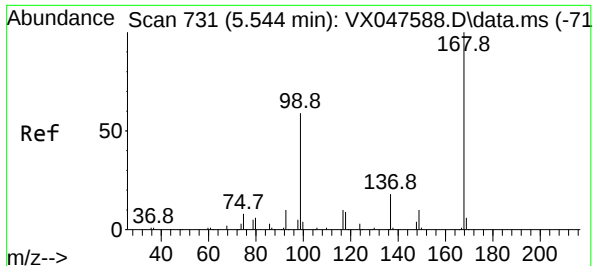
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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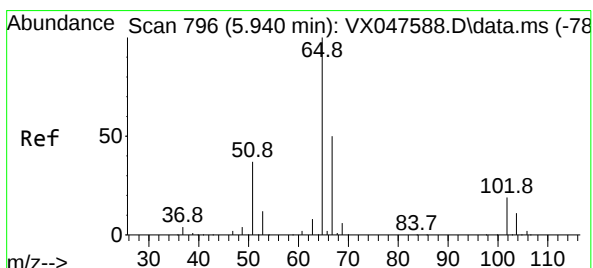
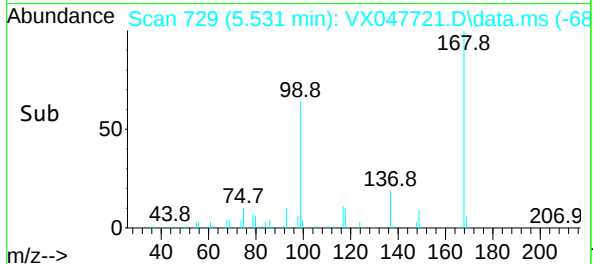
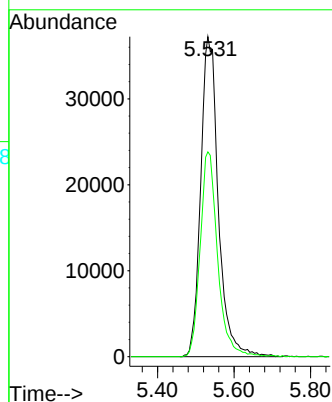
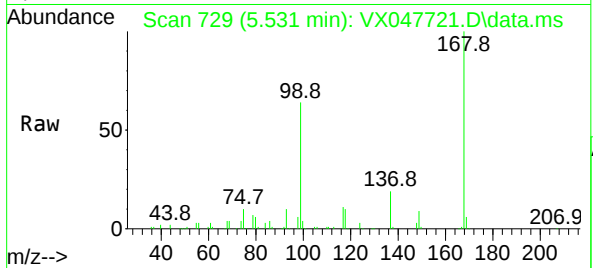




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

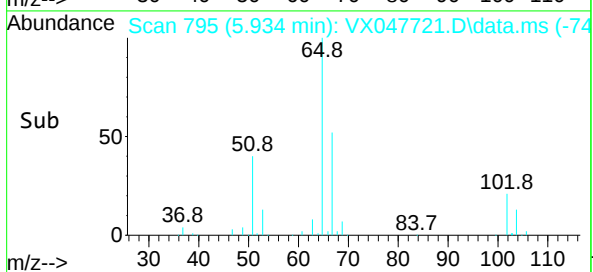
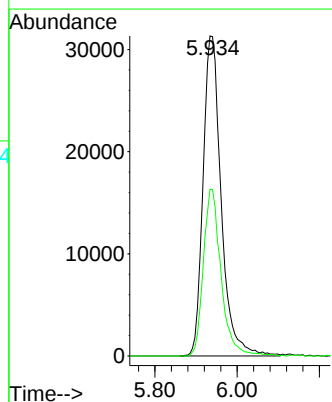
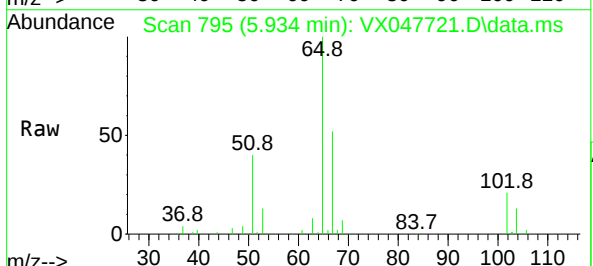
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:168 Resp: 119065
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.612 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

Tgt Ion: 65 Resp: 95920
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

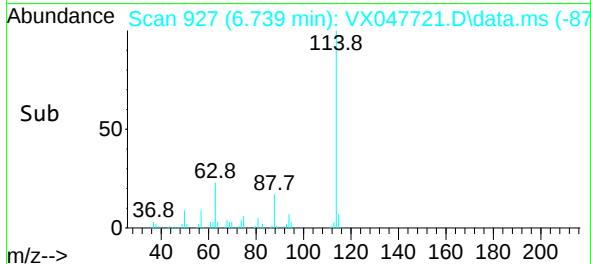
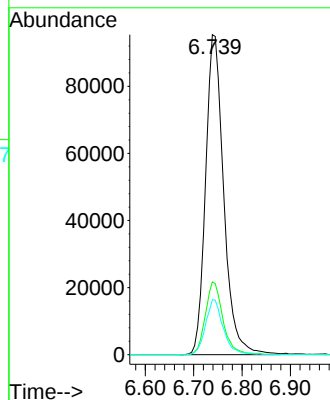
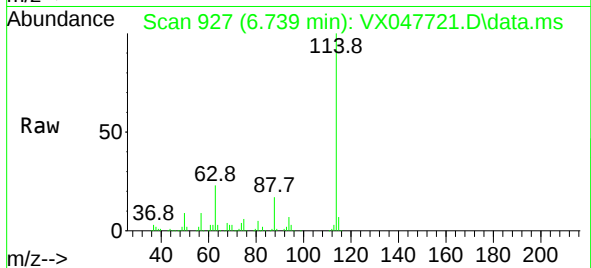




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

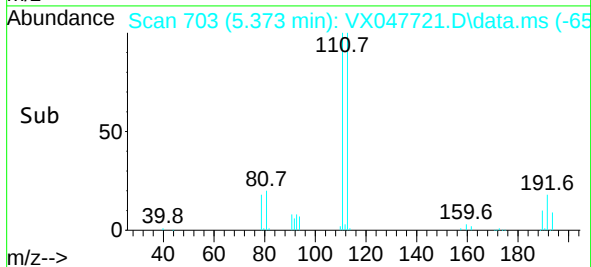
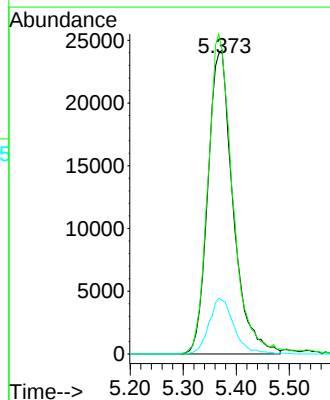
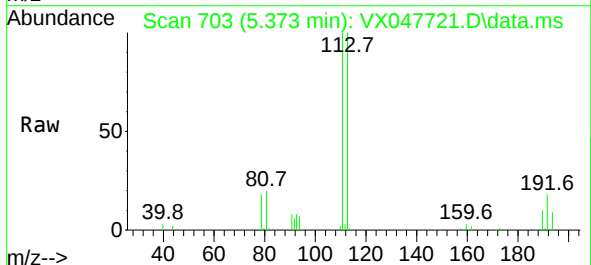
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:114 Resp: 248954
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.730 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

Tgt Ion:113 Resp: 79691
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 18.1 14.2 21.4

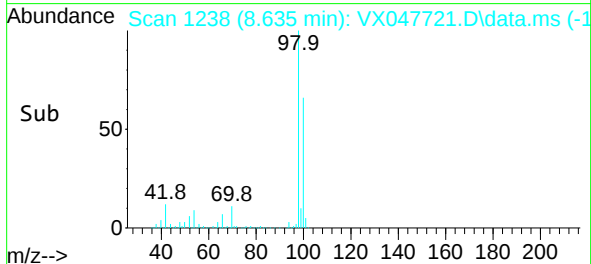
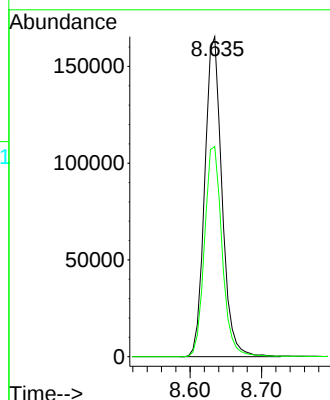
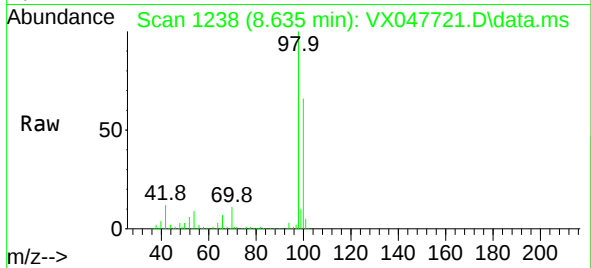




#50
Toluene-d8
Concen: 47.950 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

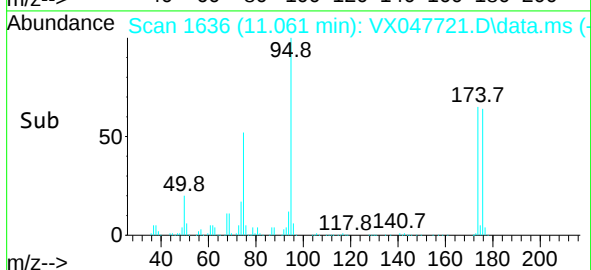
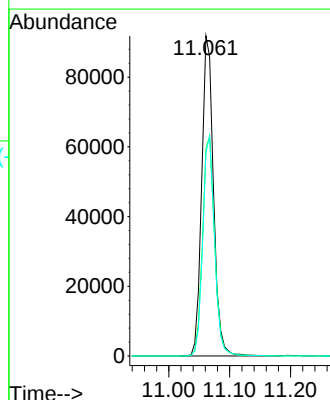
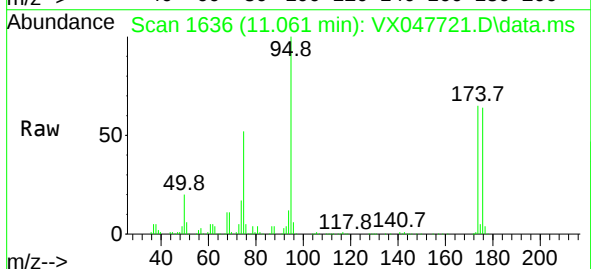
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 98 Resp: 277020
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.509 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047721.D
Acq: 23 Sep 2025 10:22

Tgt Ion: 95 Resp: 123900
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.6
176 68.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047721.D

Acq: 23 Sep 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBL01

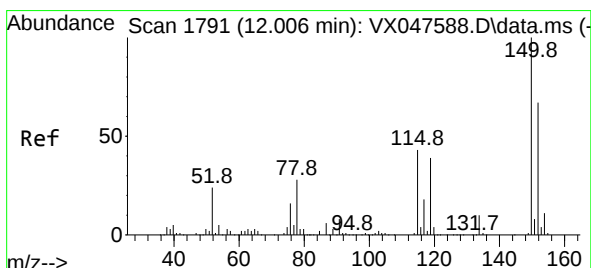
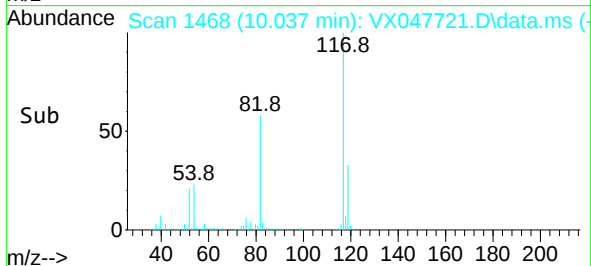
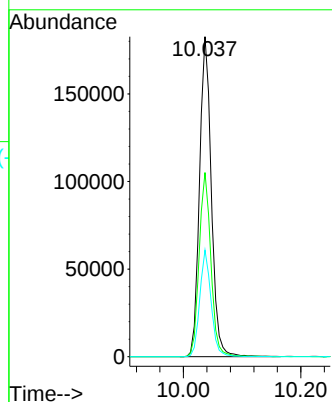
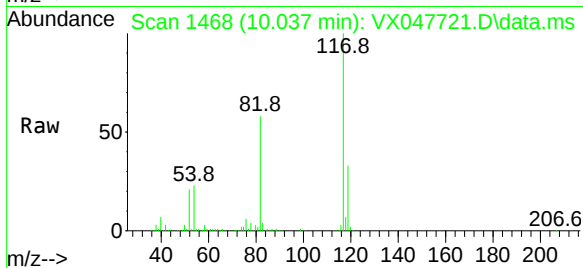
Tgt Ion:117 Resp: 254277

Ion Ratio Lower Upper

117 100

82 57.6 47.8 71.6

119 33.3 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: VX047721.D

Acq: 23 Sep 2025 10:22

Tgt Ion:152 Resp: 132951

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

150 156.0 0.0 352.0

