

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048128.D
 Acq On : 13 Oct 2025 09:46
 Operator : JC/MD
 Sample : VX1013WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBL01

Quant Time: Oct 14 01:50:00 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	5.544	168	171399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	348950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	354107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	135864	49.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.600%
35) Dibromofluoromethane	5.379	113	114475	48.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.635	98	390815	48.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.061	95	167555	54.521	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.040%

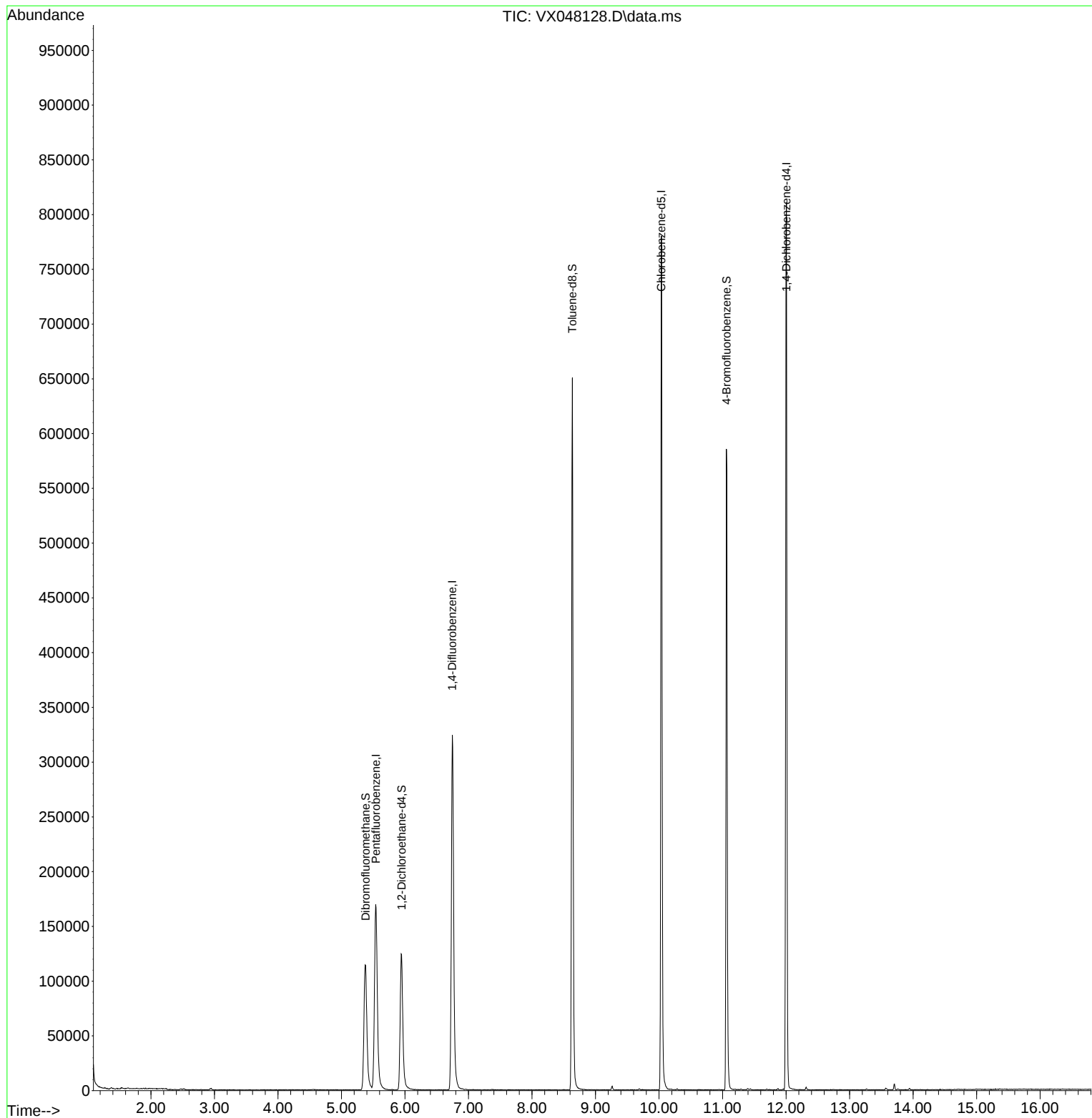
Target Compounds	Qvalue

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

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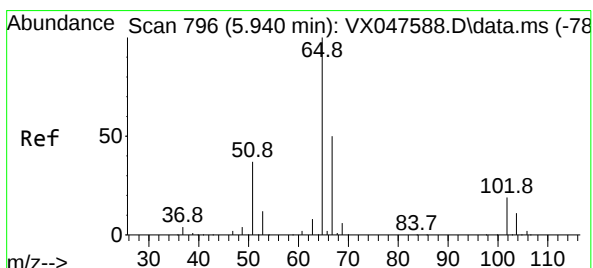
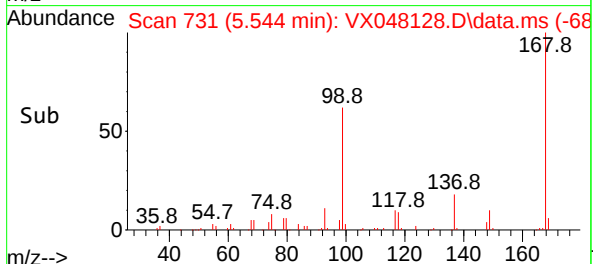
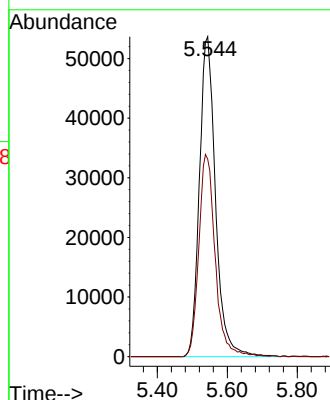
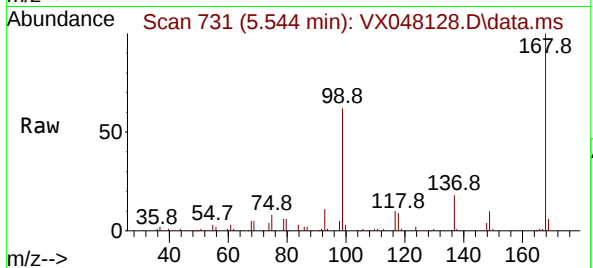




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

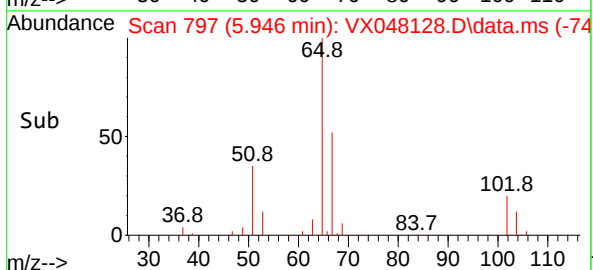
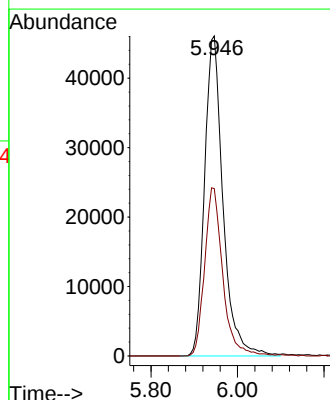
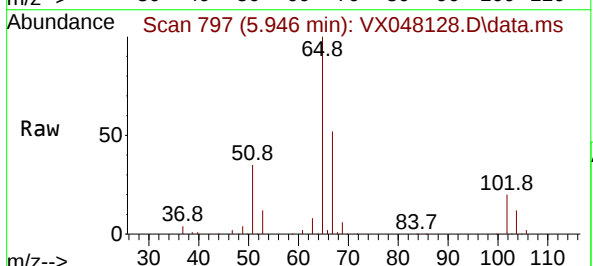
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:168 Resp: 171399
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.799 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion: 65 Resp: 135864
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

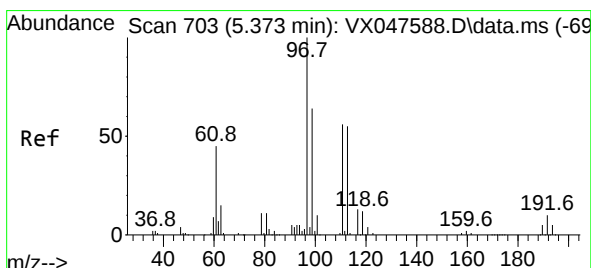
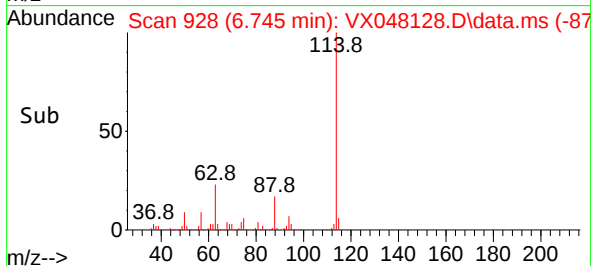
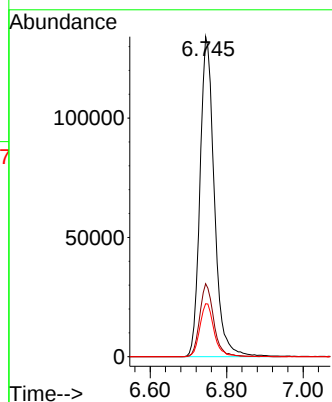
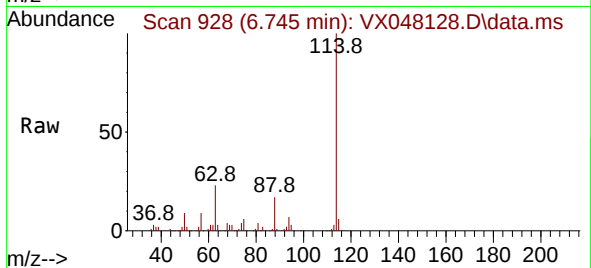




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

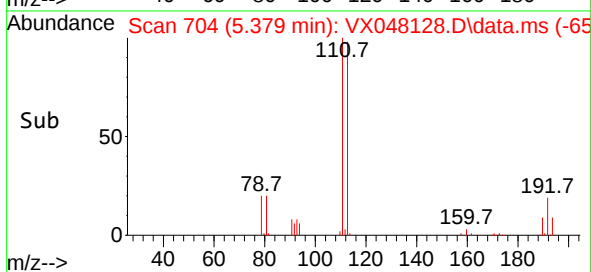
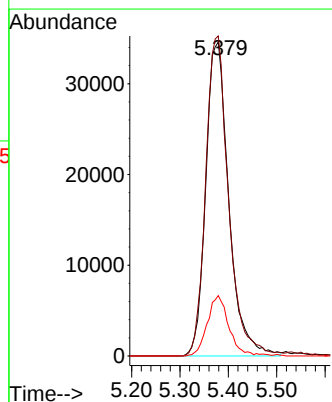
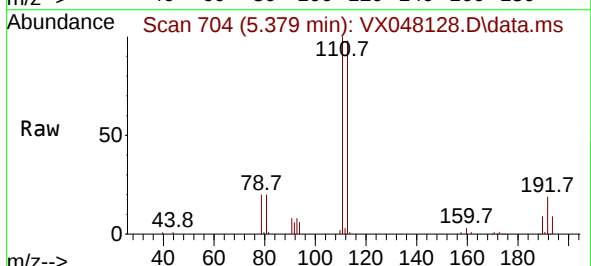
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:114 Resp: 348950
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.916 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion:113 Resp: 114475
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 18.1 14.2 21.4

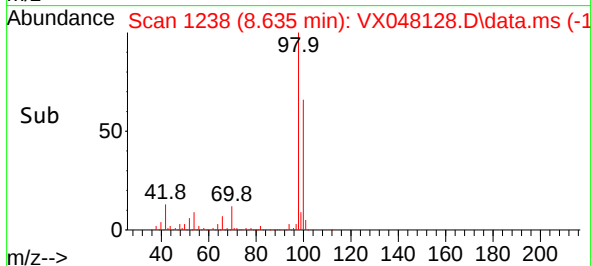
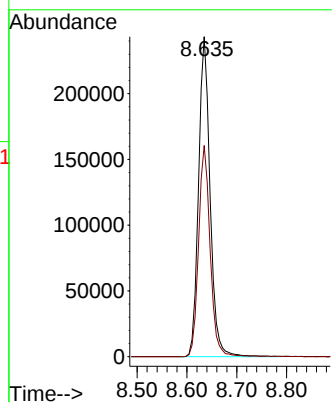
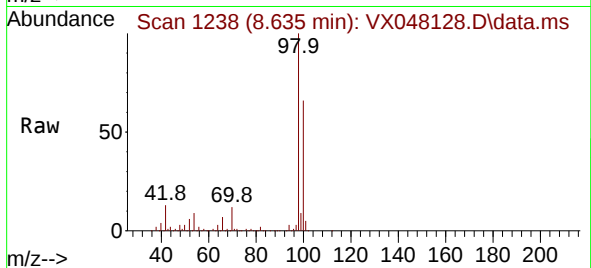




#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

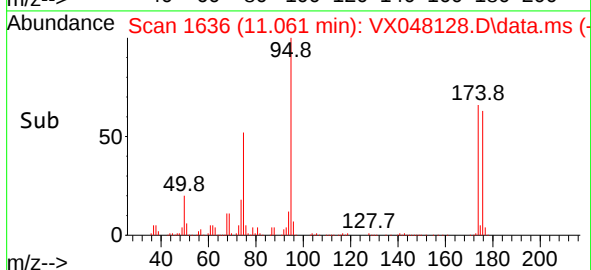
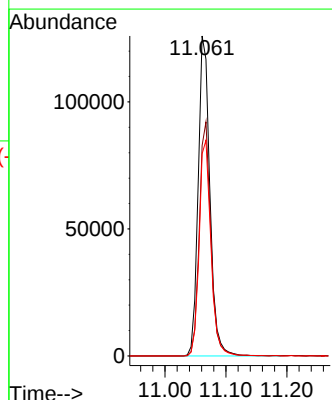
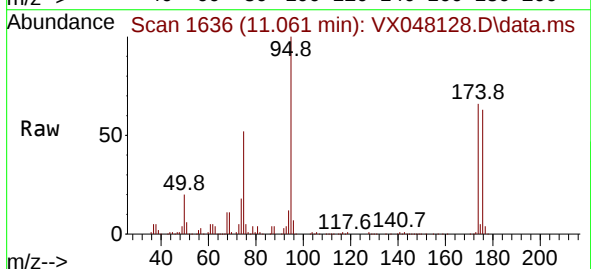
Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion: 98 Resp: 390815
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.521 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion: 95 Resp: 167555
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 67.7 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: VX048128.D

Acq: 13 Oct 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

VX1013WBL01

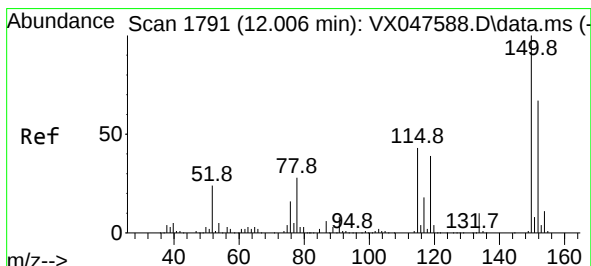
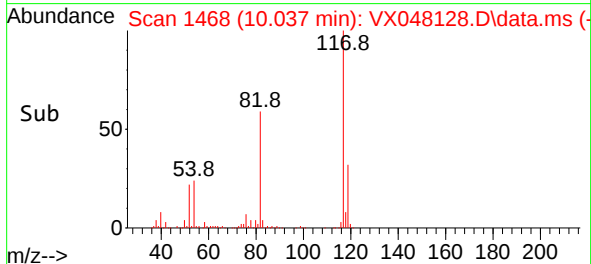
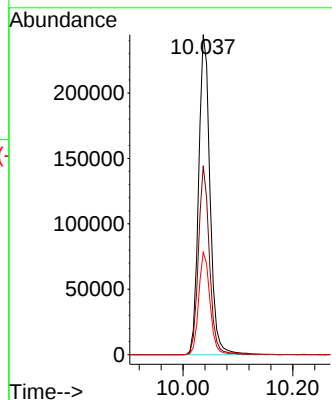
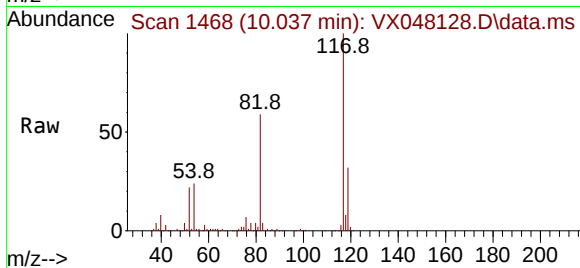
Tgt Ion:117 Resp: 354107

Ion Ratio Lower Upper

117 100

82 59.1 47.8 71.6

119 32.0 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: VX048128.D

Acq: 13 Oct 2025 09:46

Tgt Ion:152 Resp: 171429

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 158.9 0.0 352.0

