

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048013.D
 Acq On : 06 Oct 2025 11:13
 Operator : JC/MD
 Sample : Q3202-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 07 02:08:23 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	5.538	168	157457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	323356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	327577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127320	50.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.600%
35) Dibromofluoromethane	5.367	113	105568	48.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.635	98	354939	47.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.600%
62) 4-Bromofluorobenzene	11.061	95	152712	53.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.240%

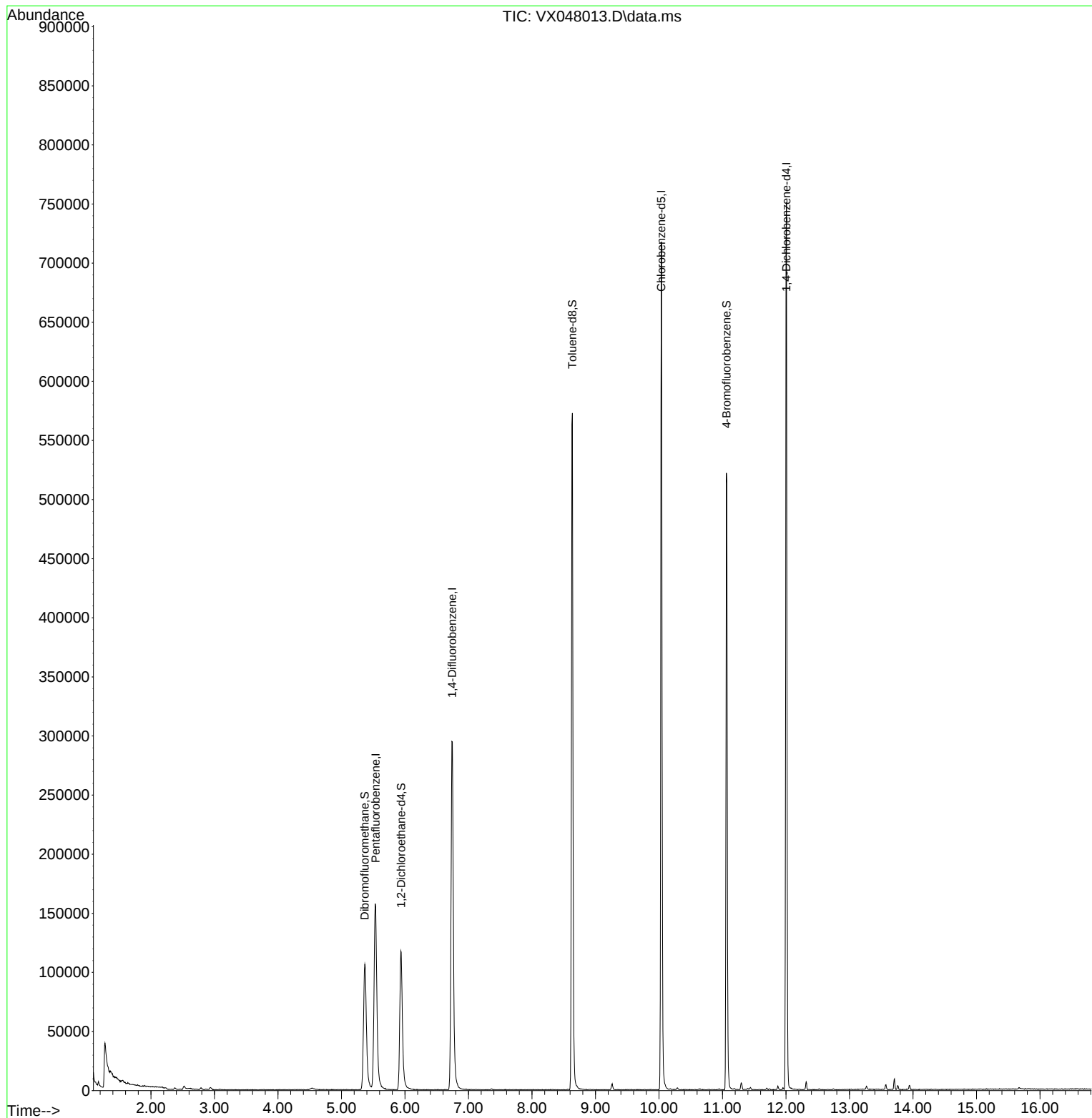
Target Compounds	Qvalue

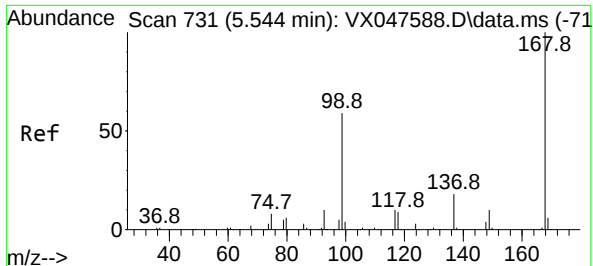
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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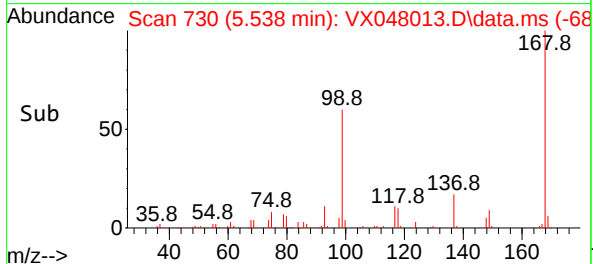
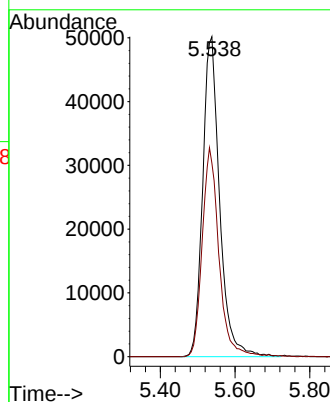
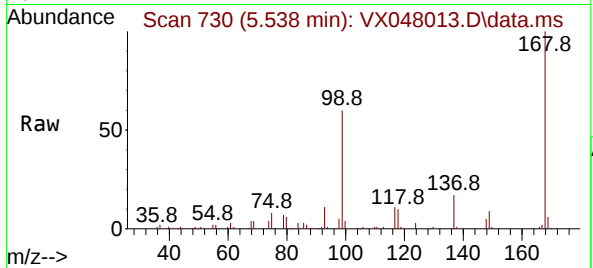




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

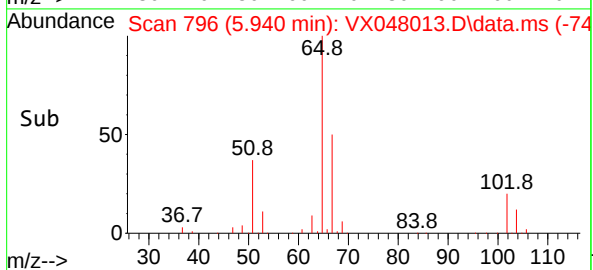
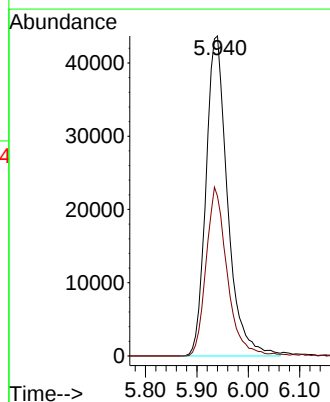
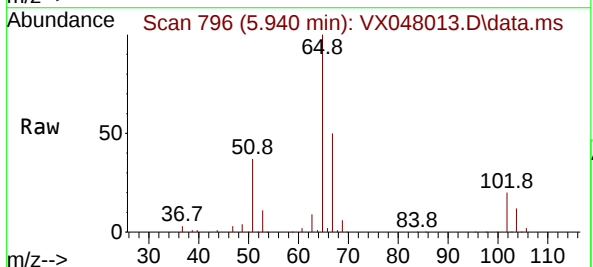
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 157457
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.800 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

Tgt Ion: 65 Resp: 127320
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

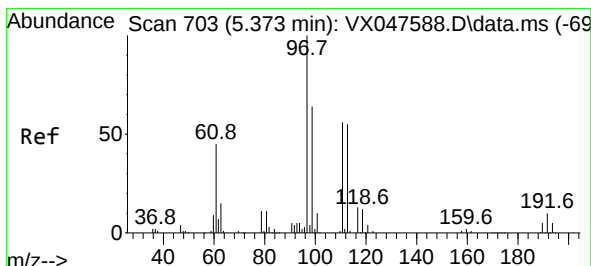
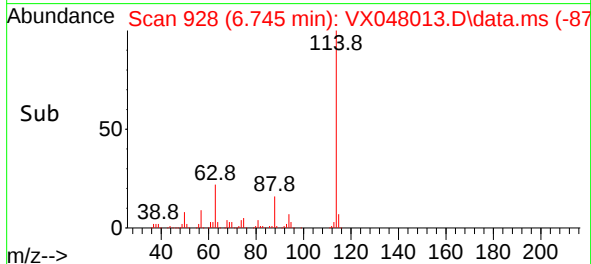
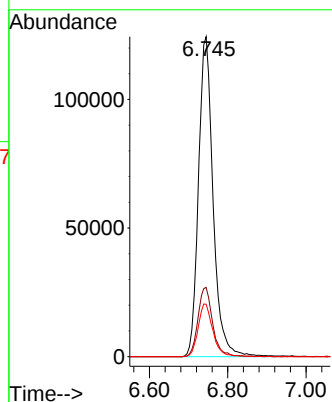
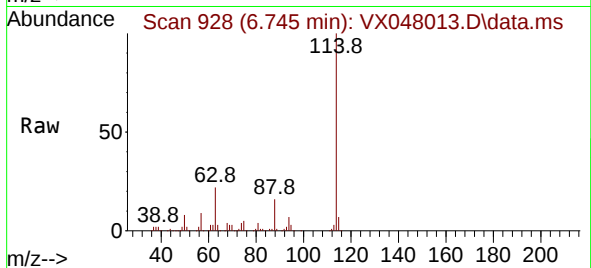




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

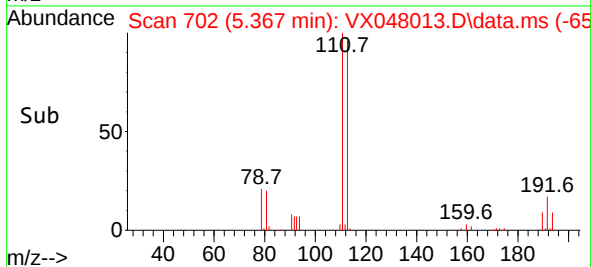
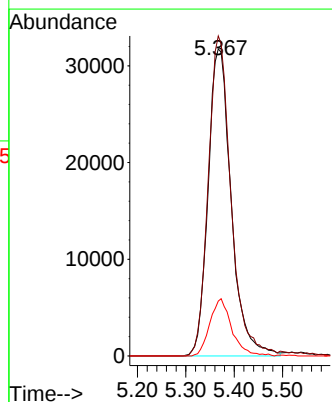
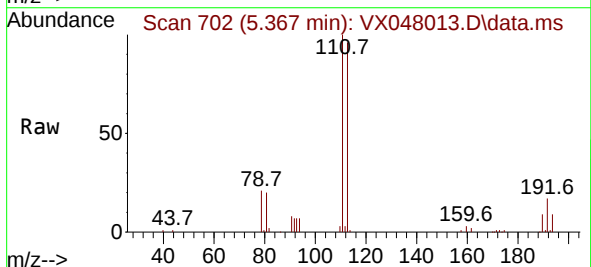
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 323356
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.680 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

Tgt Ion:113 Resp: 105568
Ion Ratio Lower Upper
113 100
111 102.2 80.9 121.3
192 17.7 14.2 21.4

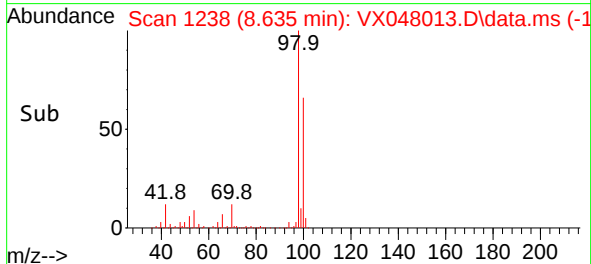
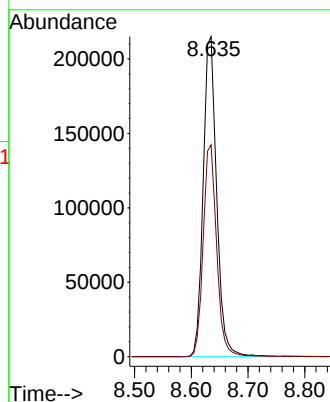
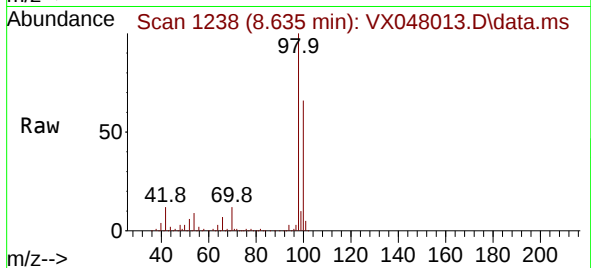




#50
Toluene-d8
Concen: 47.301 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

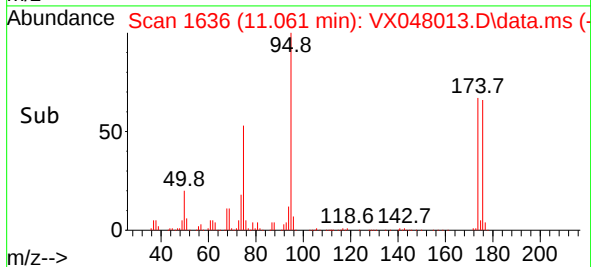
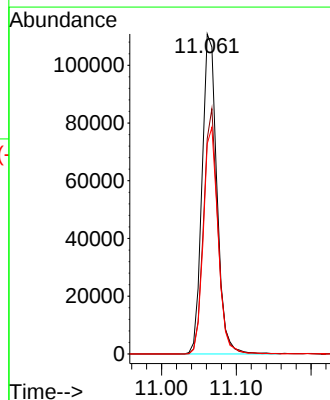
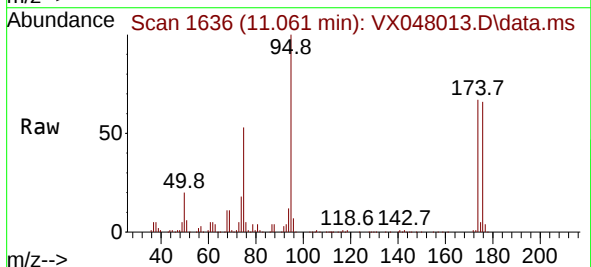
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 354939
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

Tgt Ion: 95 Resp: 152712
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.2 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: VX048013.D

Acq: 06 Oct 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

TB

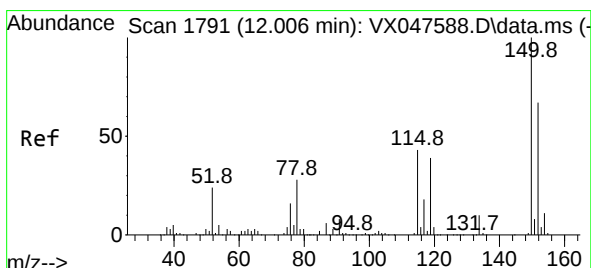
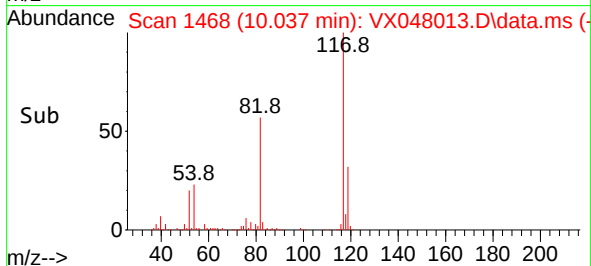
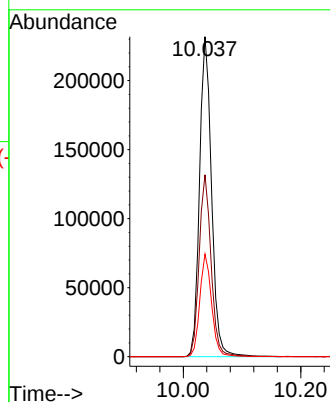
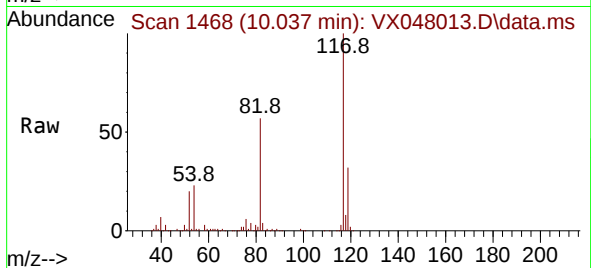
Tgt Ion:117 Resp: 327577

Ion Ratio Lower Upper

117 100

82 56.8 47.8 71.6

119 32.1 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: VX048013.D

Acq: 06 Oct 2025 11:13

Tgt Ion:152 Resp: 161049

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 155.0 0.0 352.0

