

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048169.D
 Acq On : 14 Oct 2025 16:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 15 02:48:13 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	120043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	251434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103584	54.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.420%
35) Dibromofluoromethane	5.373	113	89549	53.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.220%
50) Toluene-d8	8.635	98	303722	52.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.100%
62) 4-Bromofluorobenzene	11.061	95	129158	58.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.660%

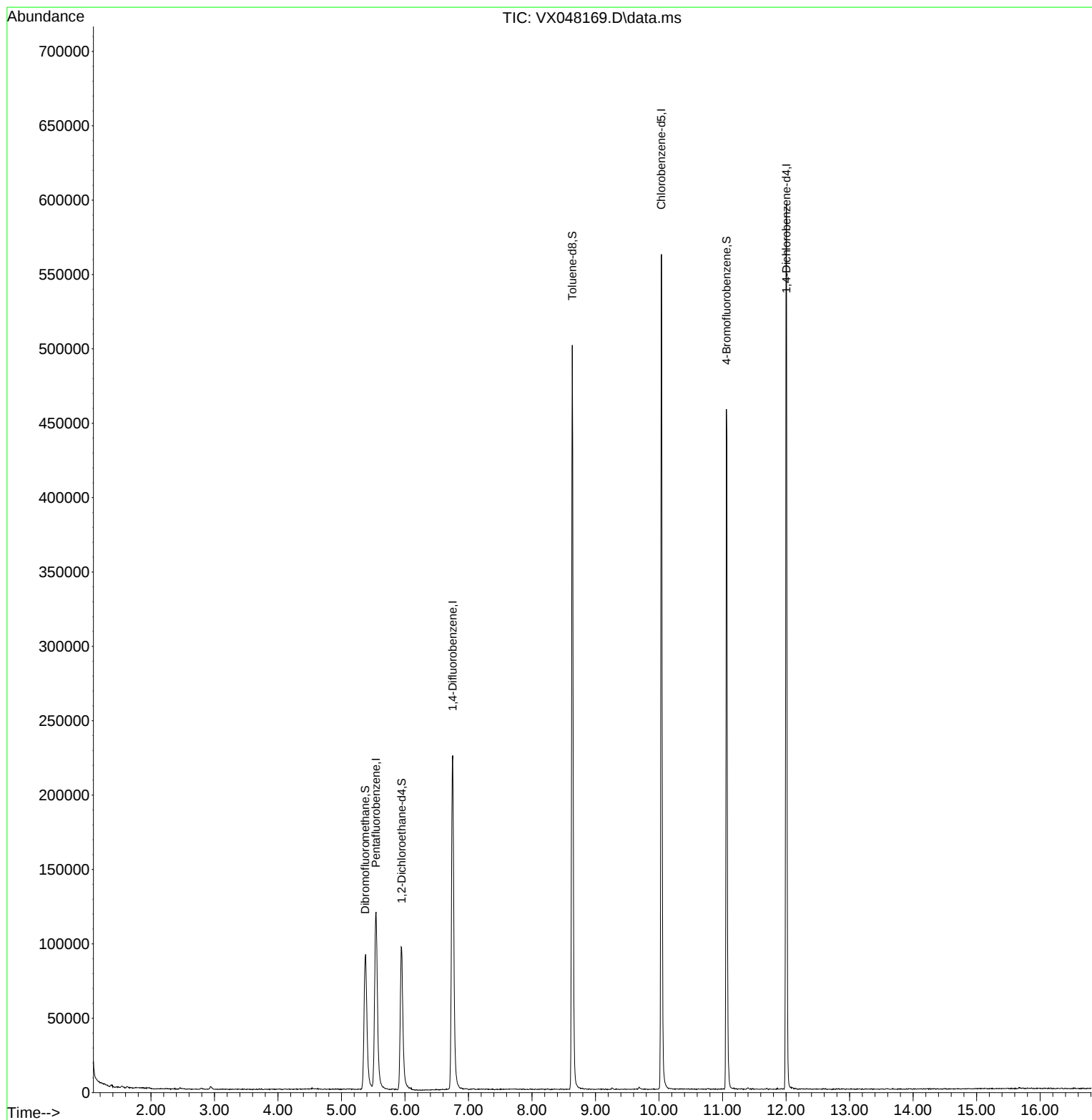
Target Compounds	Qvalue

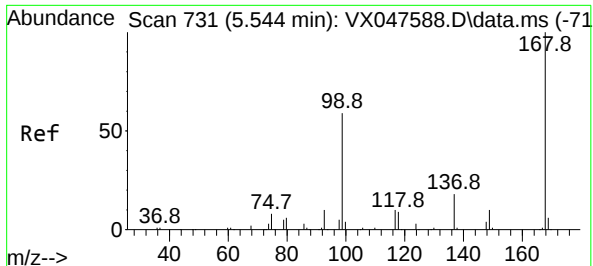
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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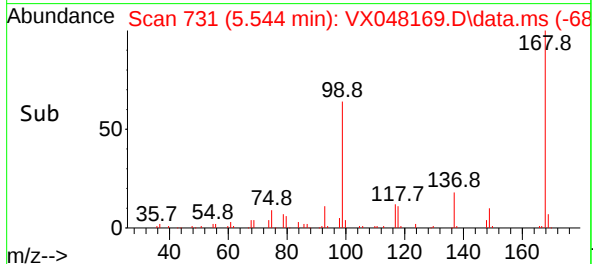
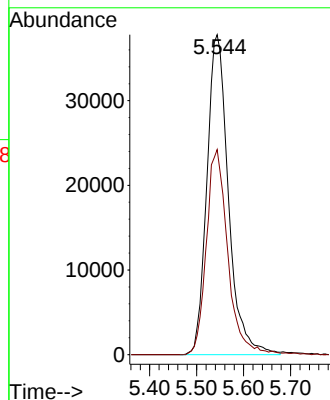
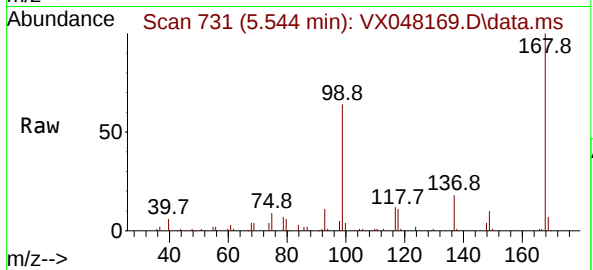




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

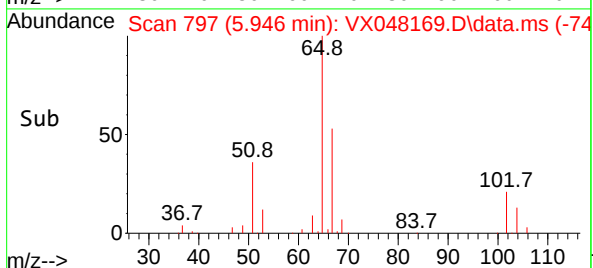
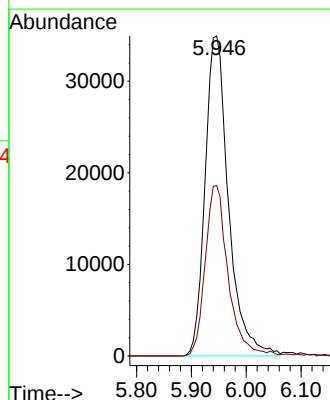
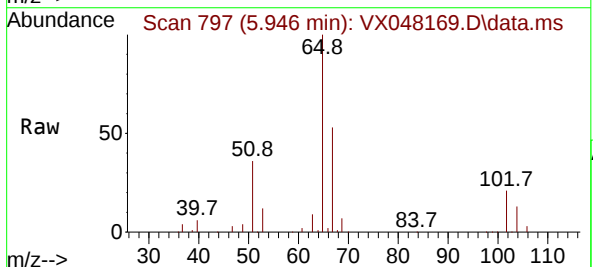
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 120043
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.210 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion: 65 Resp: 103584
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

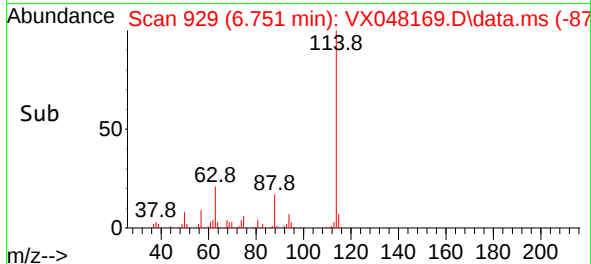
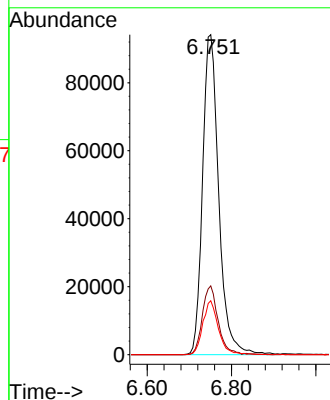
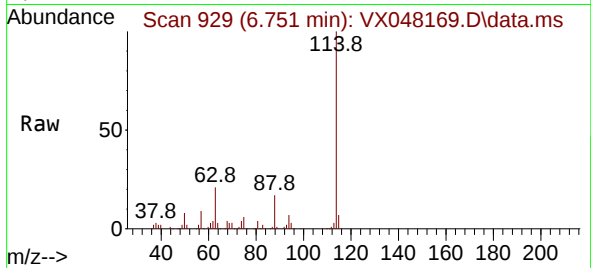




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

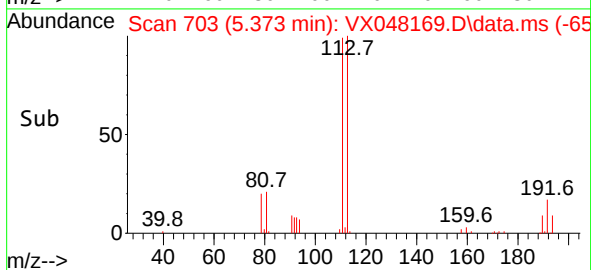
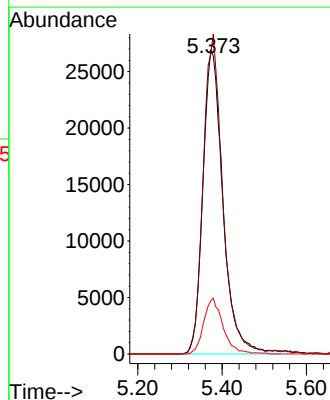
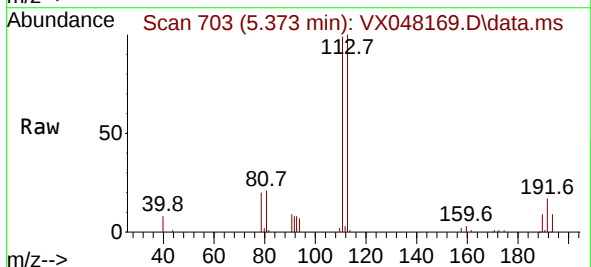
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 251434
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 53.105 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion:113 Resp: 89549
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 17.6 14.2 21.4

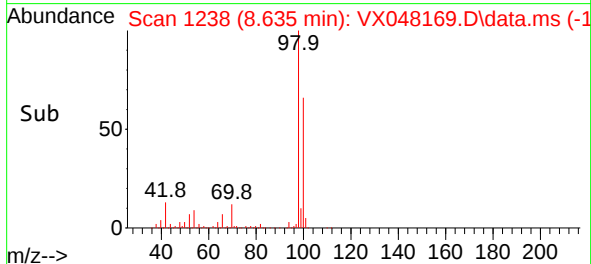
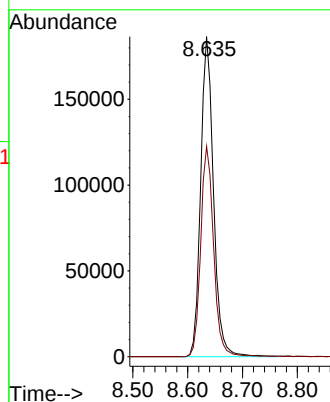
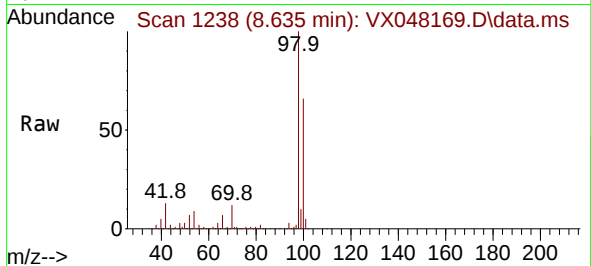




#50
Toluene-d8
Concen: 52.054 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

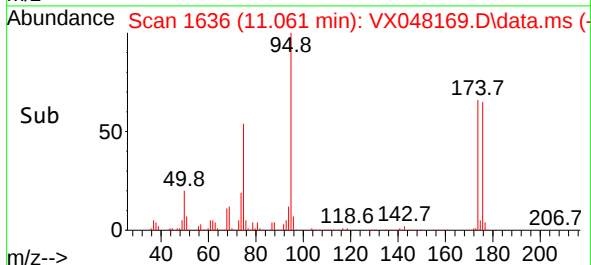
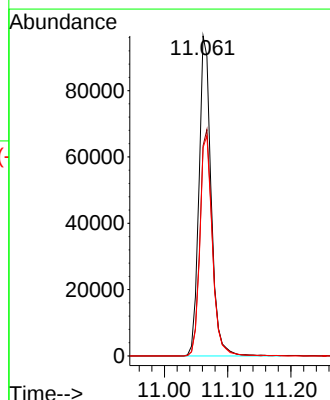
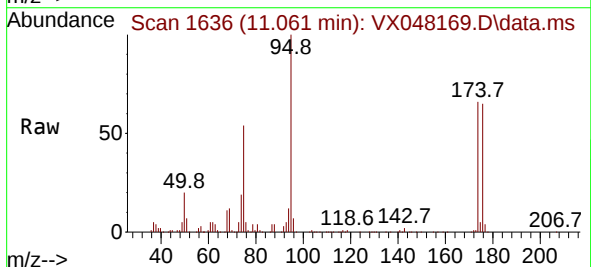
Instrument :
MSVOA_X
ClientSampleId :
IBLK

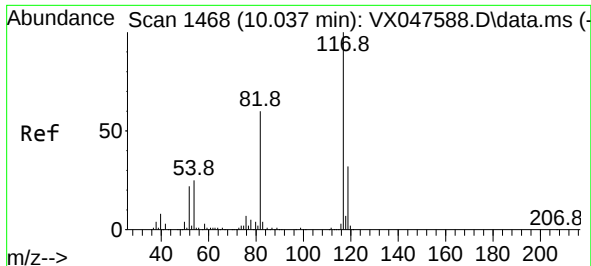
Tgt Ion: 98 Resp: 303722
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.326 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion: 95 Resp: 129158
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.5 0.0 138.4

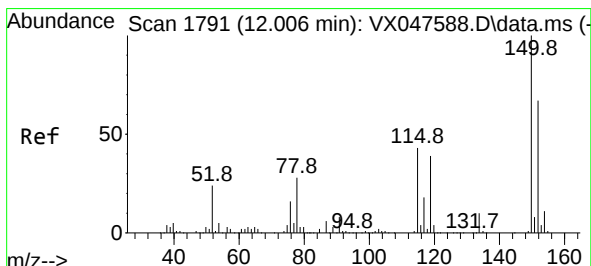
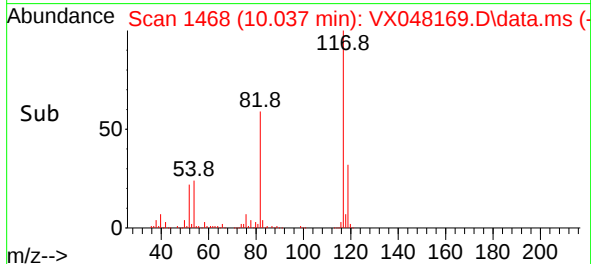
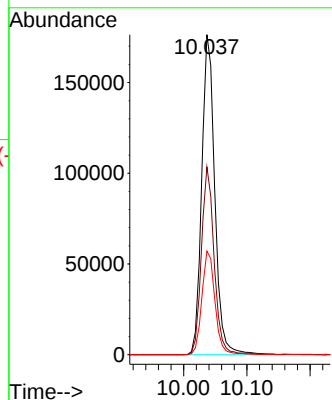
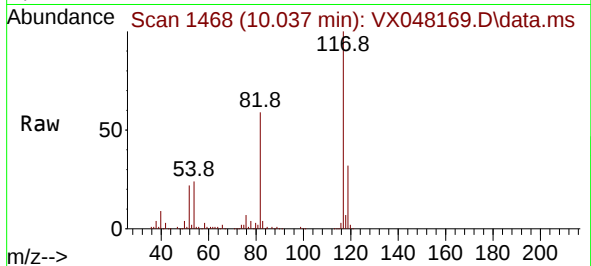




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048169.D
Acq: 14 Oct 2025 16:14

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 254234
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 32.3 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: VX048169.D
Acq: 14 Oct 2025 16:14

Tgt Ion:152 Resp: 125088
Ion Ratio Lower Upper
152 100
115 63.2 44.9 134.5
150 157.6 0.0 352.0

