

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037974.D
 Acq On : 29 Sep 2023 14:37
 Operator : JC/MD
 Sample : 04657-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2

Quant Time: Sep 29 23:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	212343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131889	47.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.540%
35) Dibromofluoromethane	5.385	113	112890	46.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	441730	49.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	167348	51.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.360%

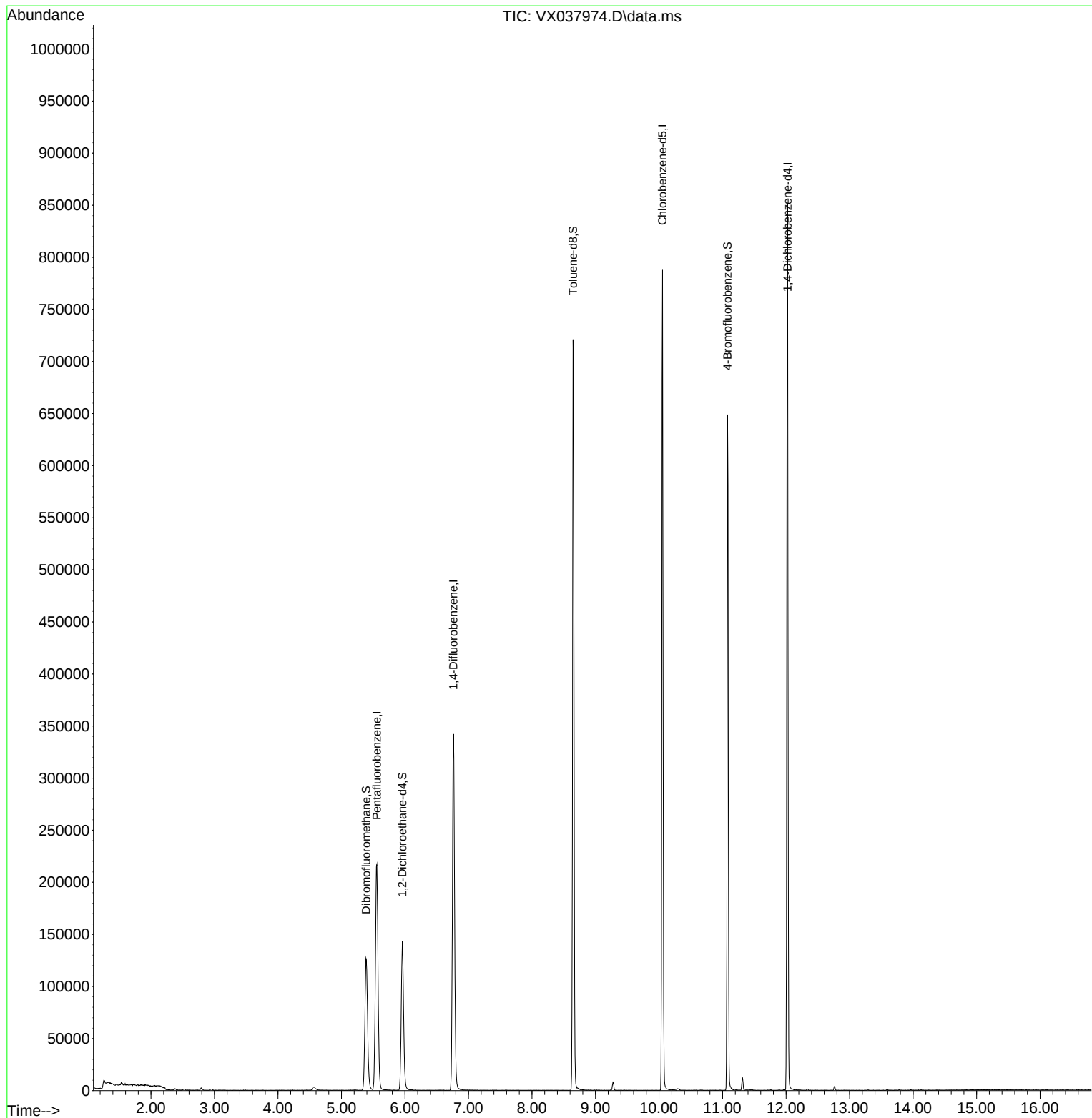
Target Compounds	Qvalue

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

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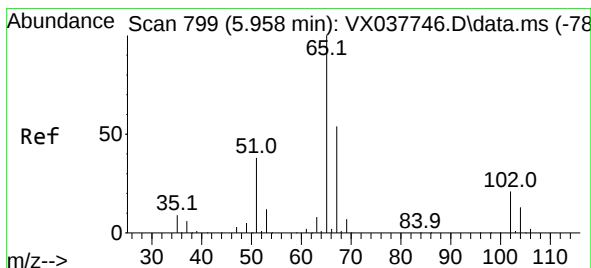
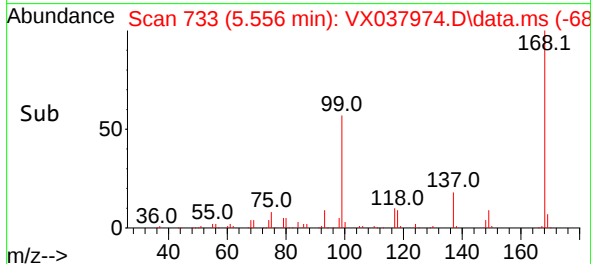
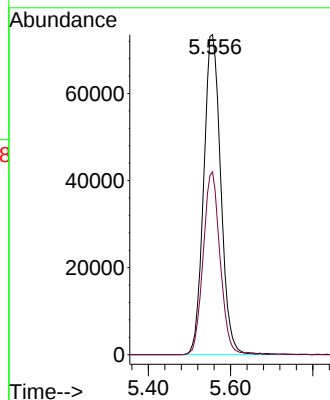
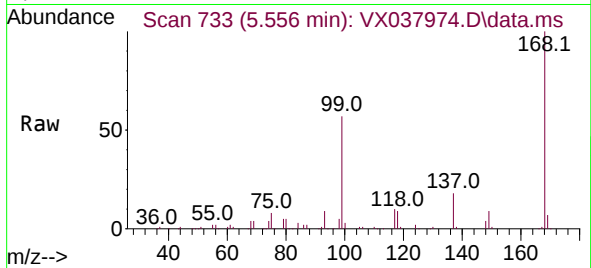




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

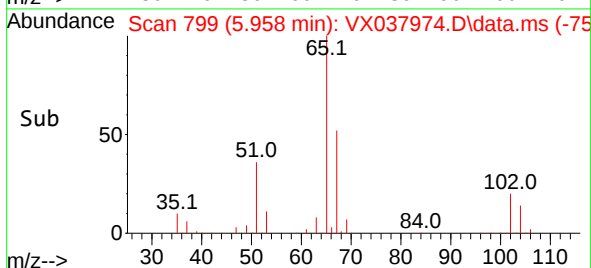
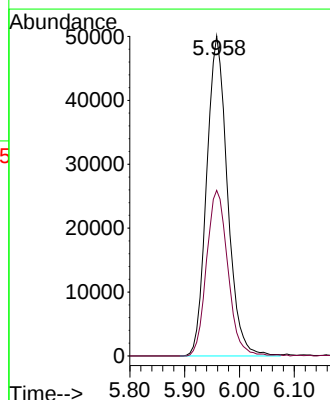
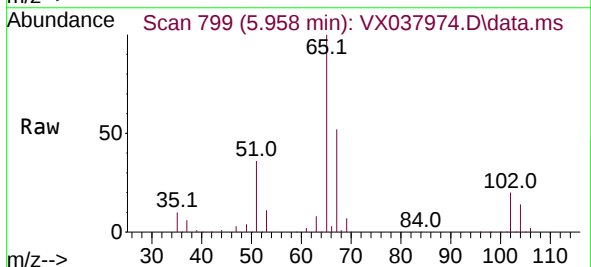
Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion:168 Resp: 212343
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.274 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 65 Resp: 131889
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

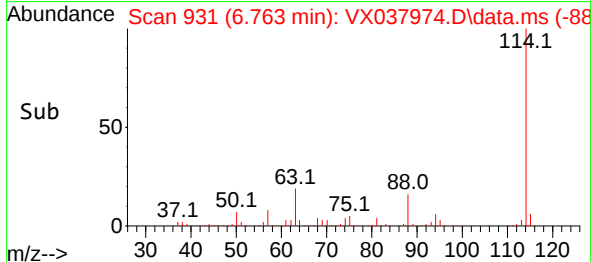
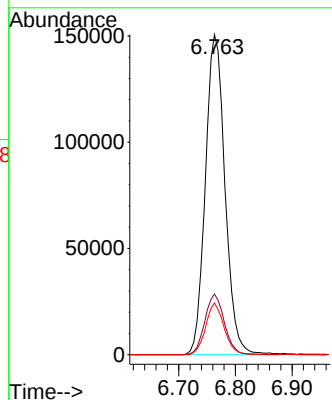
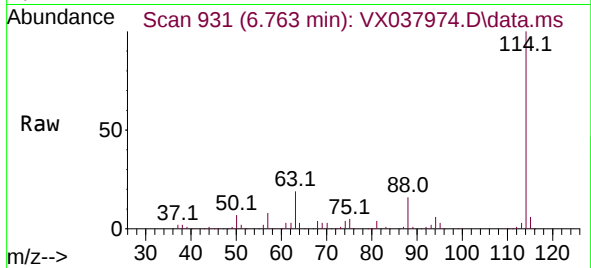




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

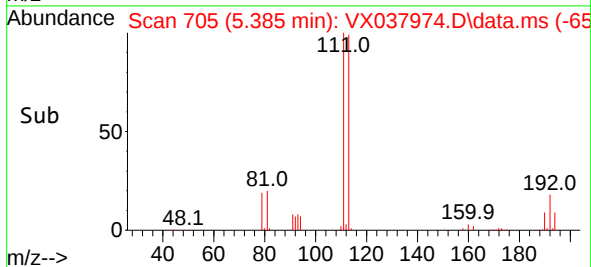
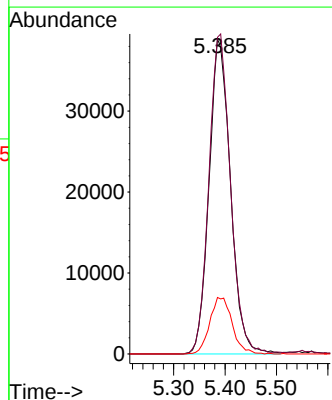
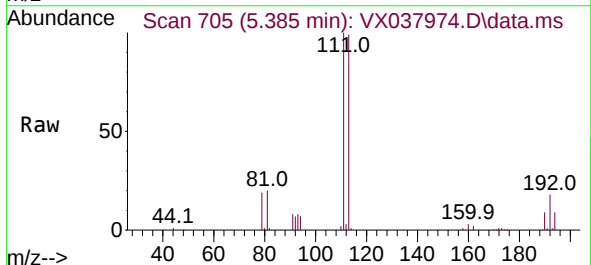
Instrument :
MSVOA_X
ClientSampleId :
TB-2

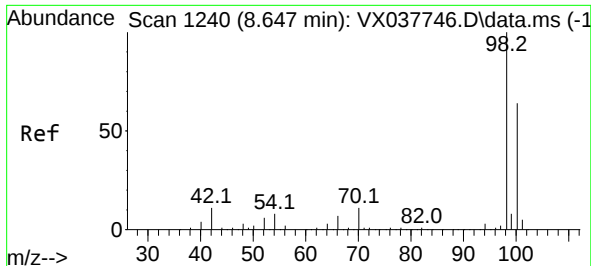
Tgt Ion:114 Resp: 361942
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion:113 Resp: 112890
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9

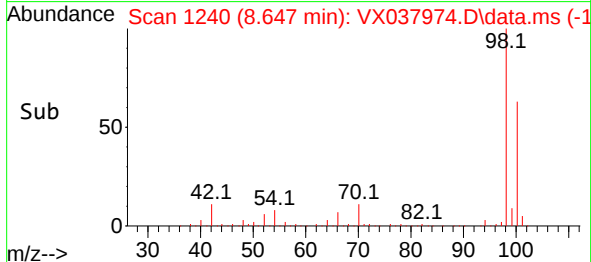
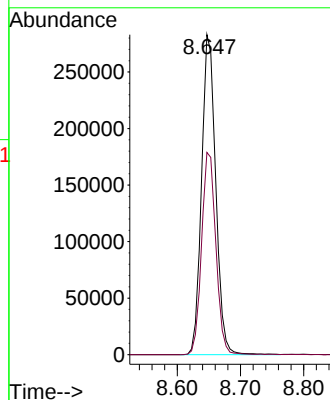
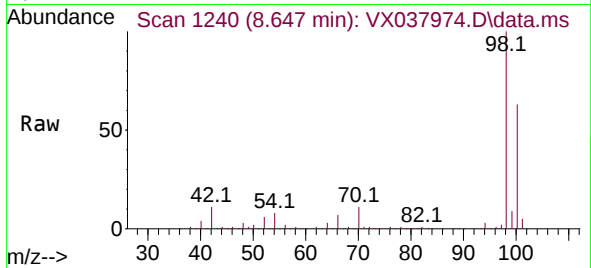




#50
Toluene-d8
Concen: 49.090 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

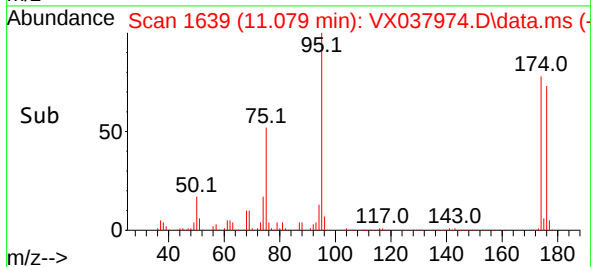
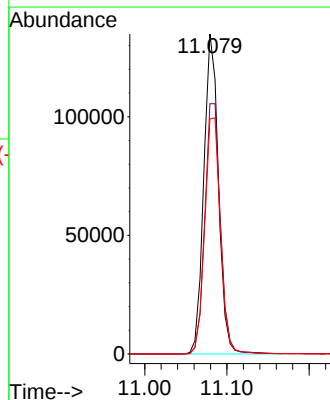
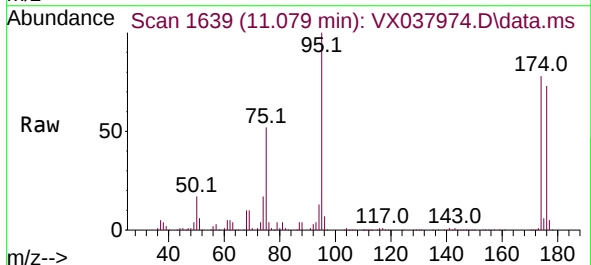
Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion: 98 Resp: 441730
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 95 Resp: 167348
Ion Ratio Lower Upper
95 100
174 83.3 0.0 135.6
176 79.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037974.D

Acq: 29 Sep 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

TB-2

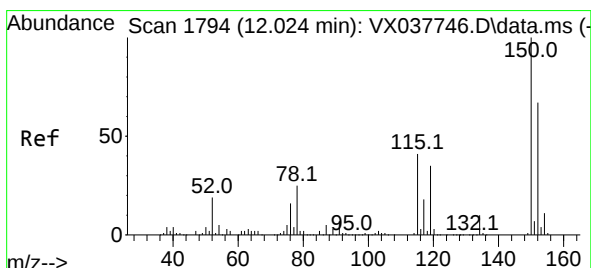
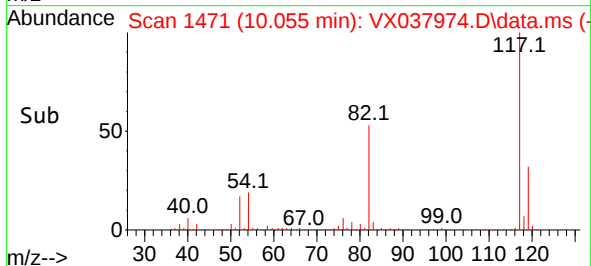
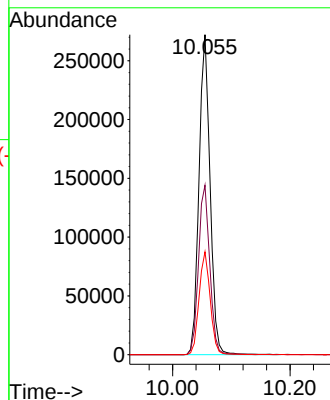
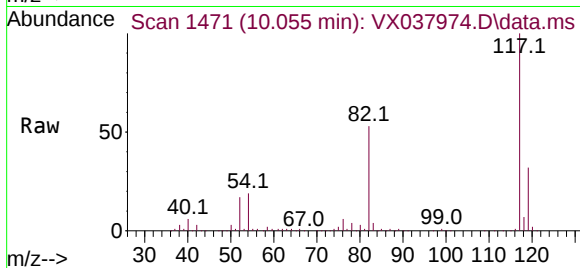
Tgt Ion:117 Resp: 356417

Ion Ratio Lower Upper

117 100

82 53.0 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037974.D

Acq: 29 Sep 2023 14:37

Tgt Ion:152 Resp: 186747

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 157.7 0.0 345.0

