

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
 Data File : VL032478.D
 Acq On : 6 Sep 2018 5:47
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 06 07:15:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1461578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	2900623	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.29	117	2731423	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2067715	10.20	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

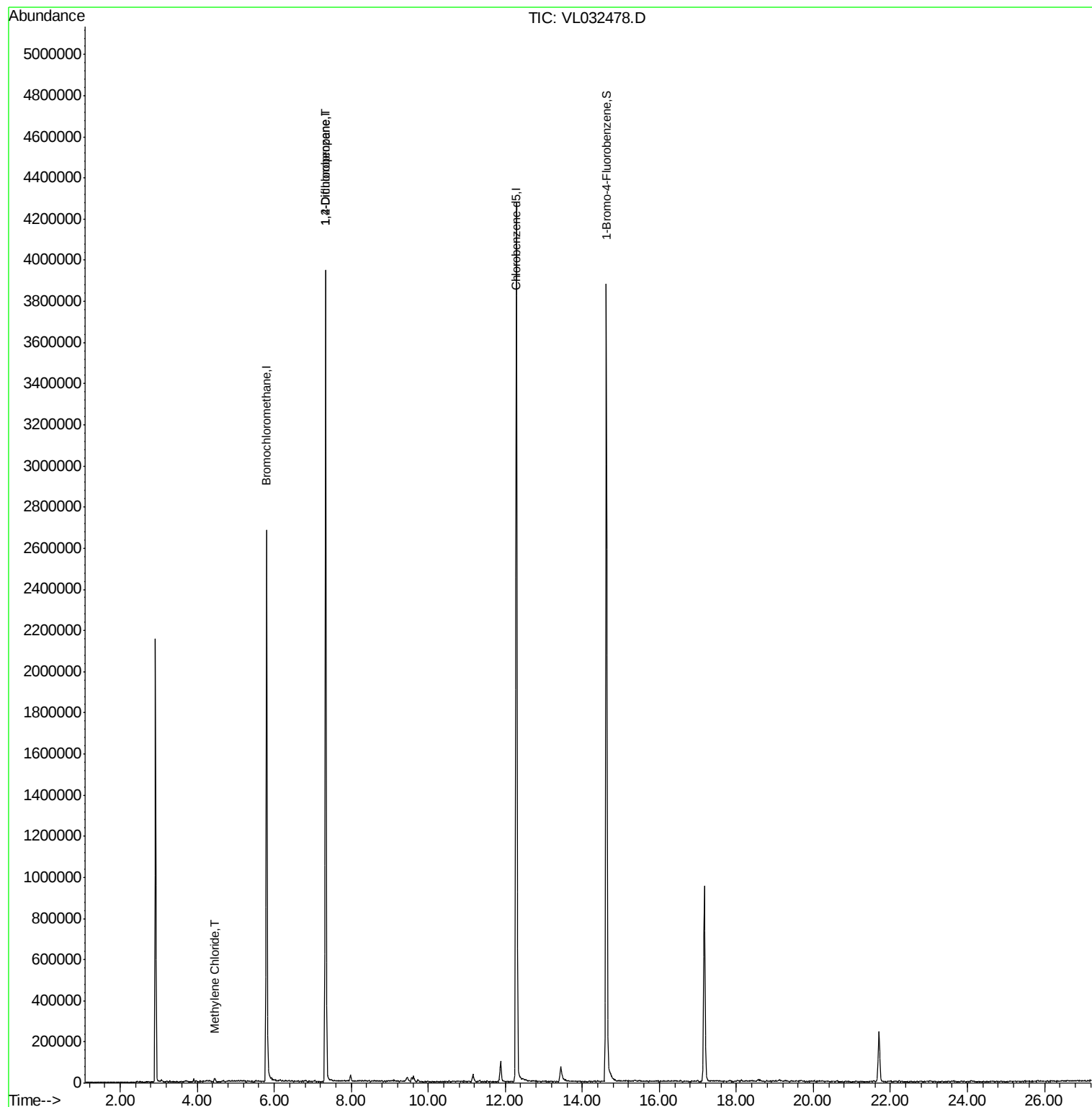
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.45	84	3217	0.064	ppbv #	87
39) 1,2-Dichloropropane	7.33	63	778054	7.367	ppbv #	25

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

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QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 1466

Delta R.T. -0.01 min

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MSVOA_L

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VIBLK

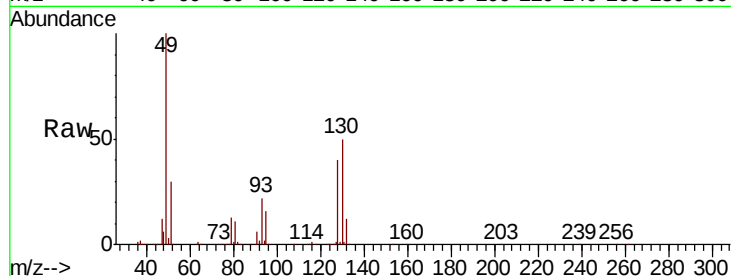
Tgt Ion: 49 Resp: 1461578

Ion Ratio Lower Upper

49 100

128 41.2 20.7 62.1

130 53.0 26.6 79.7

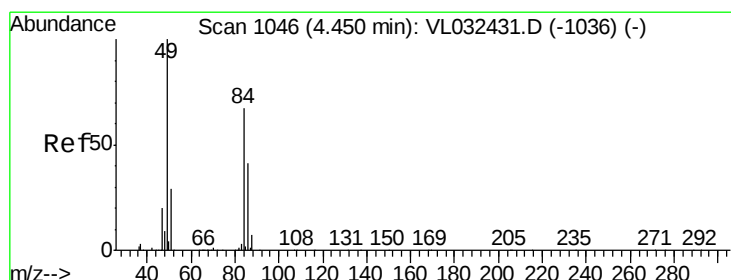
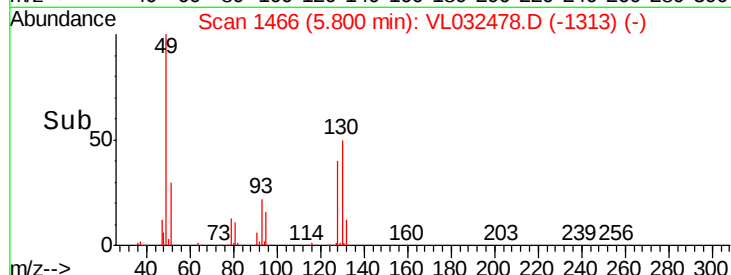
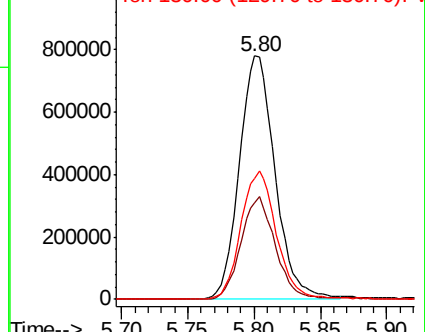


Abundance

Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.064 ppbv

RT: 4.45 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VL032478.D

Acq: 6 Sep 2018 5:47

Tgt Ion: 84 Resp: 3217

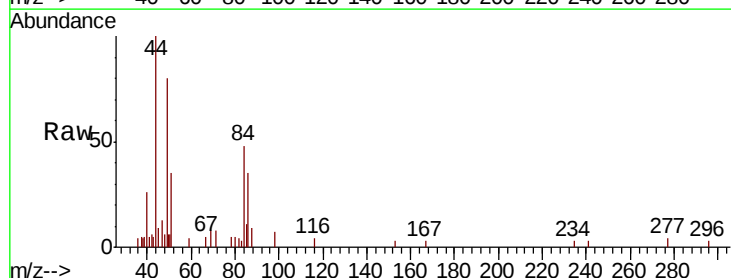
Ion Ratio Lower Upper

84 100

49 152.5 119.1 178.7

51 71.9 35.2 52.8#

86 73.1 49.4 74.2



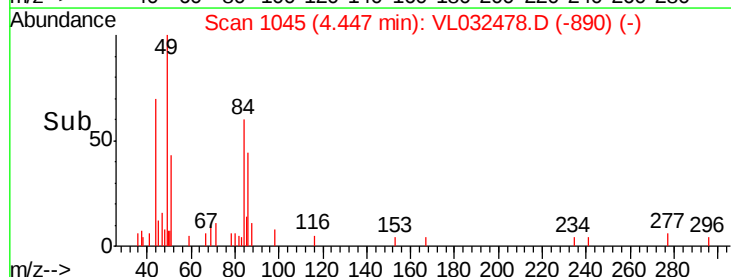
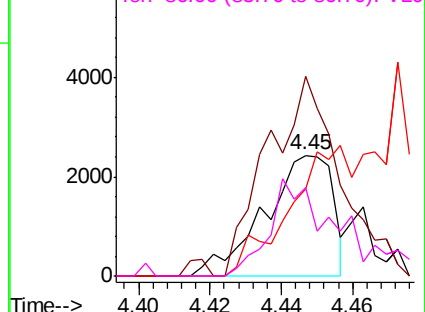
Abundance

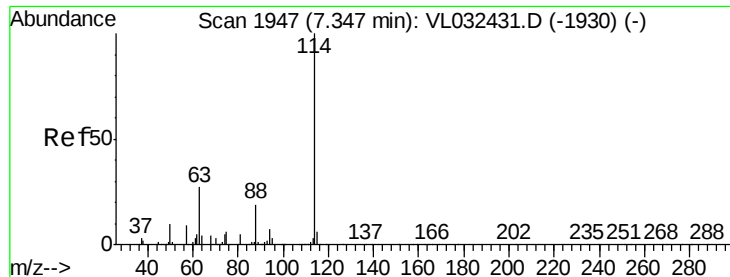
Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

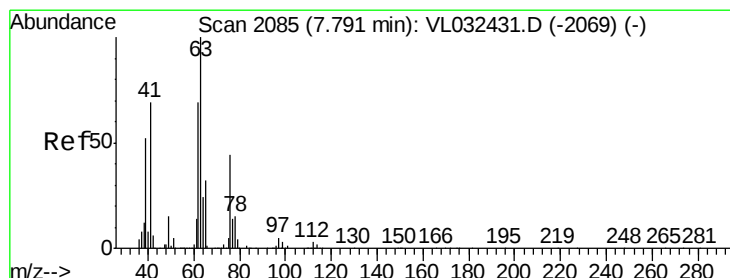
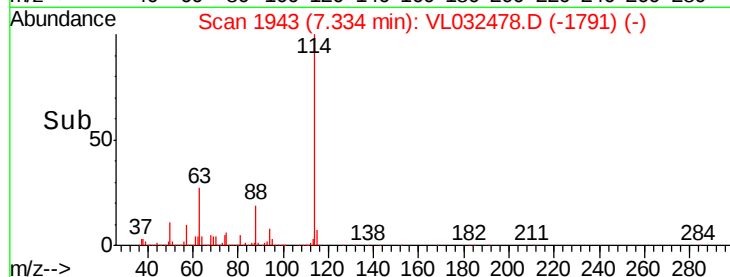
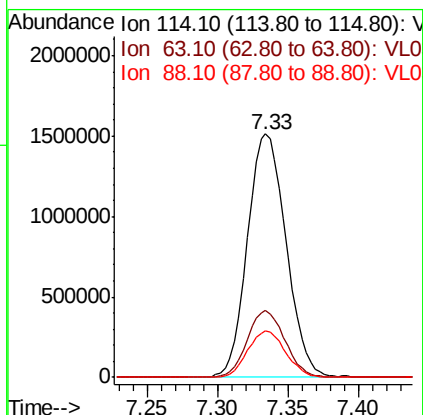
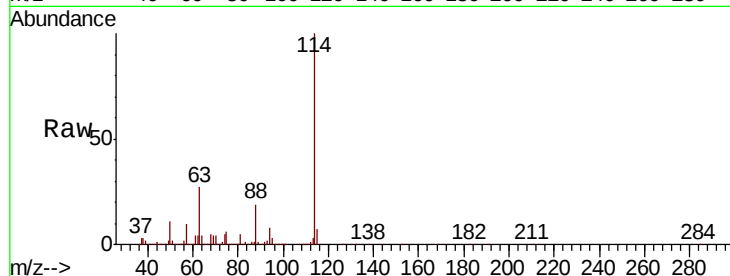




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.33 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: VL032478.D
 Acq: 6 Sep 2018 5:47

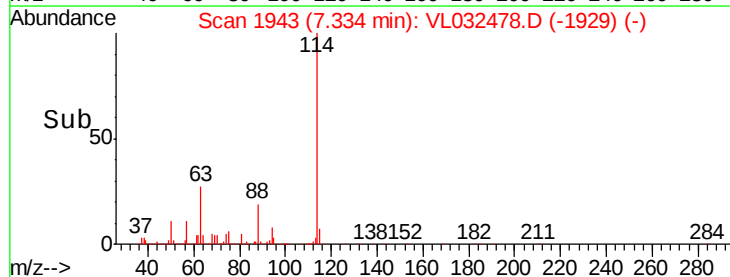
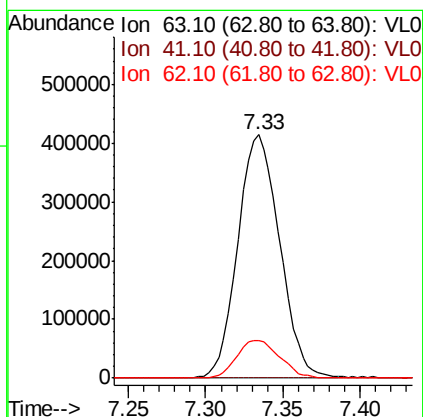
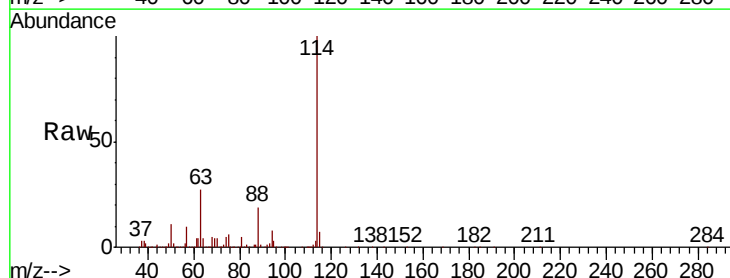
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

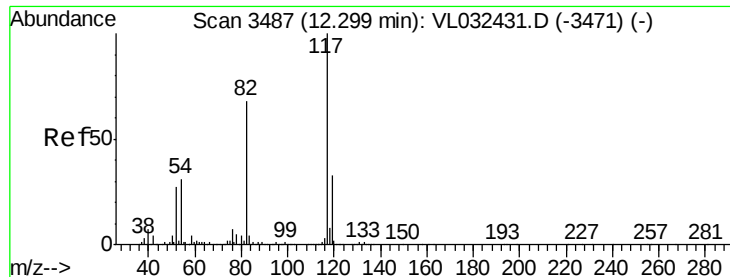
Tgt Ion: 114 Resp: 2900623
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.2 33.4
 88 18.8 15.0 22.4



#39
 1,2-Dichloropropane
 Concen: 7.367 ppbv
 RT: 7.33 min Scan# 1943
 Delta R.T. -0.46 min
 Lab File: VL032478.D
 Acq: 6 Sep 2018 5:47

Tgt Ion: 63 Resp: 778054
 Ion Ratio Lower Upper
 63 100
 41 0.2 55.4 83.0#
 62 15.3 55.4 83.0#

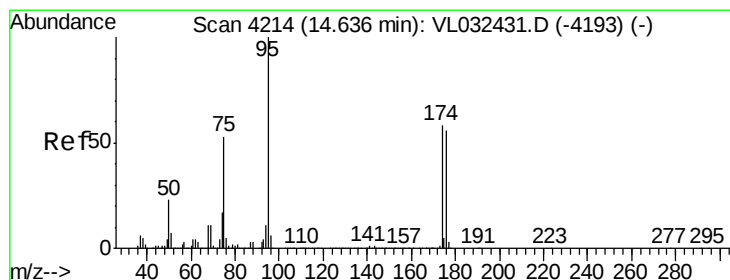
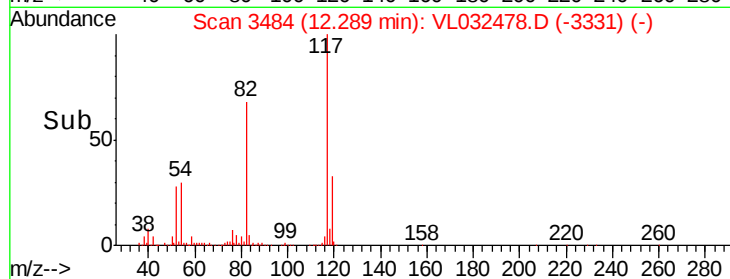
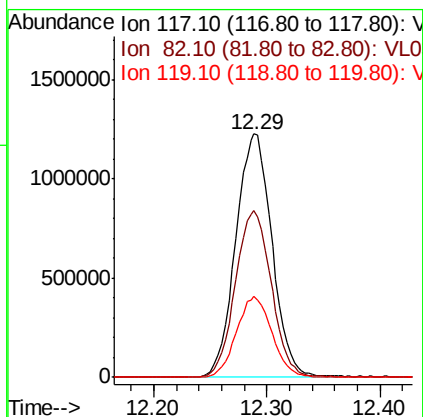
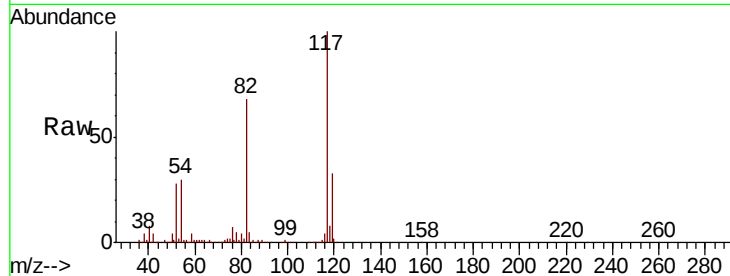




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
Lab File: VL032478.D
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Tgt Ion: 117 Resp: 2731423
Ion Ratio Lower Upper
117 100
82 68.3 53.0 79.6
119 32.9 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 14.62 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VL032478.D
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Tgt Ion: 95 Resp: 2067715
Ion Ratio Lower Upper
95 100
174 56.5 46.3 69.5
175 4.2 3.4 5.0

