

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039688.D
 Acq On : 4 Oct 2022 19:43
 Operator : SY/AP
 Sample : N4885-01DL2 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL2

Quant Time: Oct 05 04:42:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

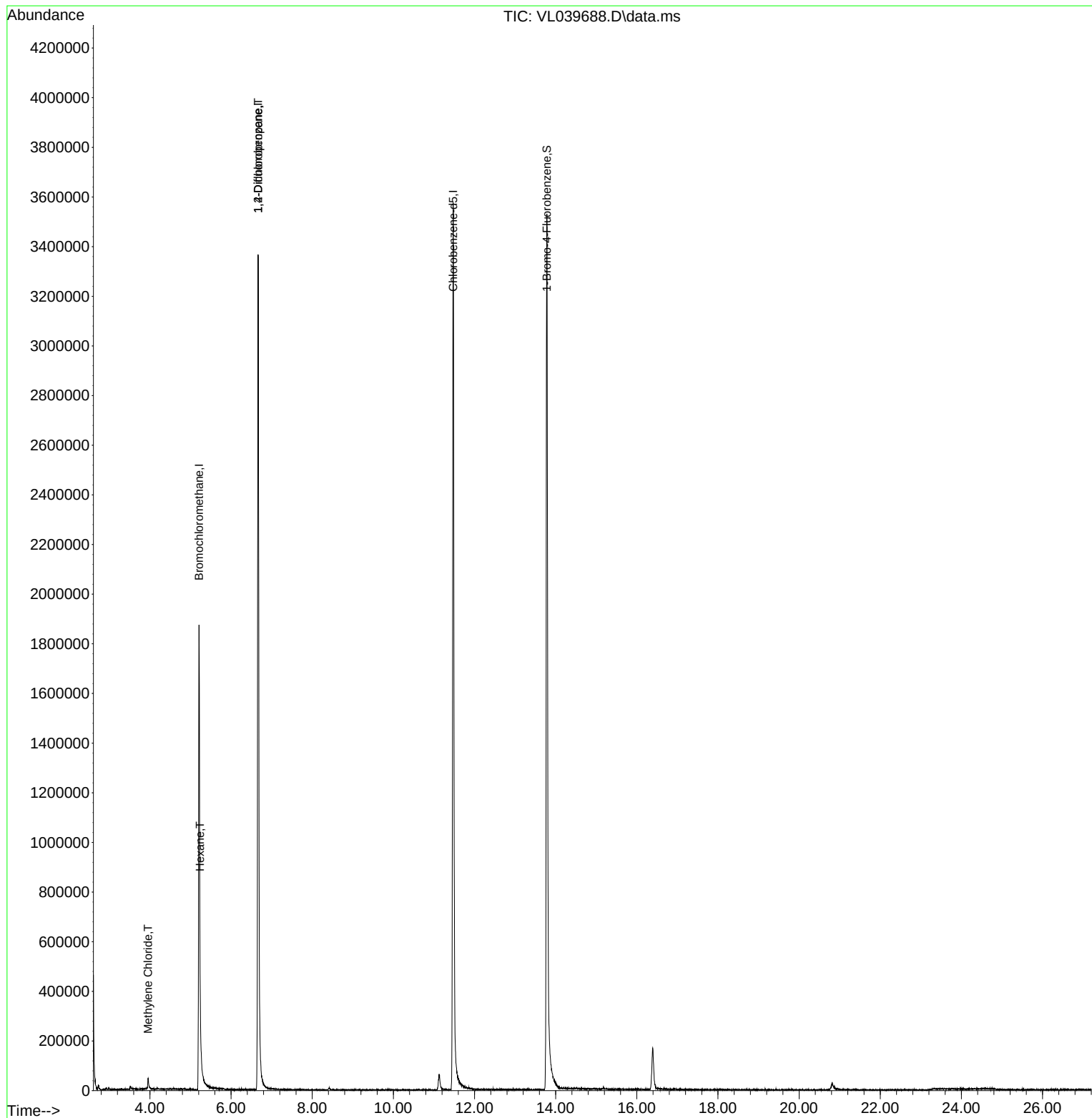
Internal Standards						
1) Bromochloromethane	5.211	49	1022319	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2683450	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2380180	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1757053	9.889	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.954	84	5785	0.110	ppbv #	73
26) Hexane	5.230	57	4130	0.039	ppbv #	1
39) 1,2-Dichloropropane	6.668	63	651355	8.222	ppbv #	25

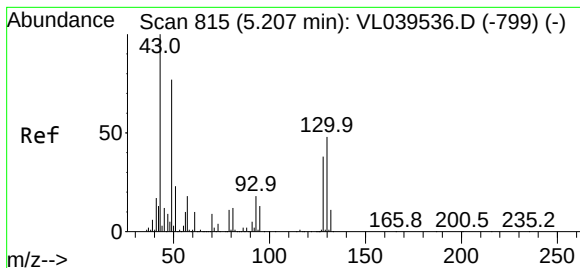
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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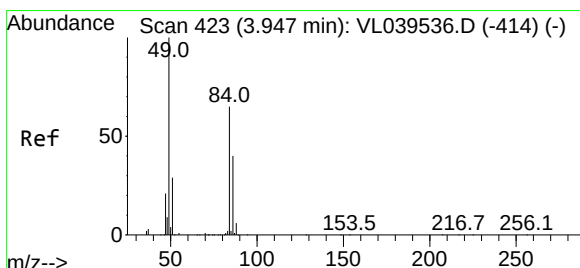
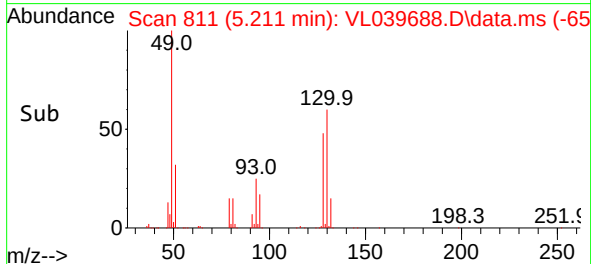
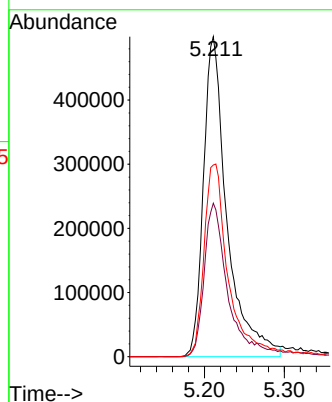
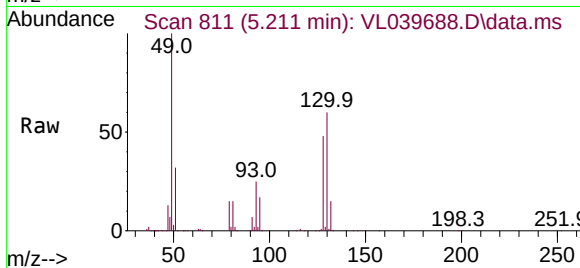




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 815
Delta R.T. 0.004 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43

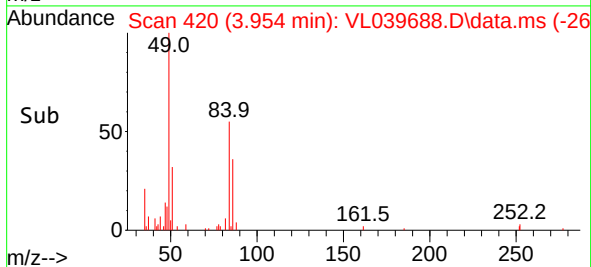
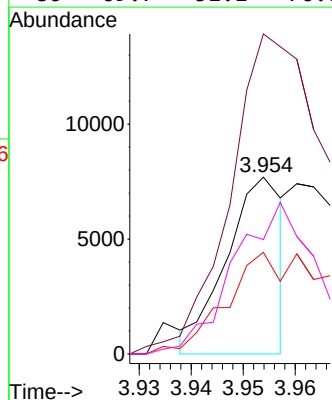
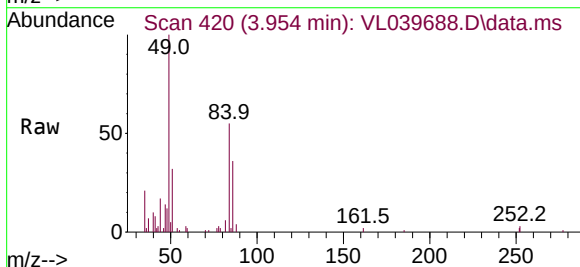
Instrument :
MSVOA_L
ClientSampleId :
1DL2

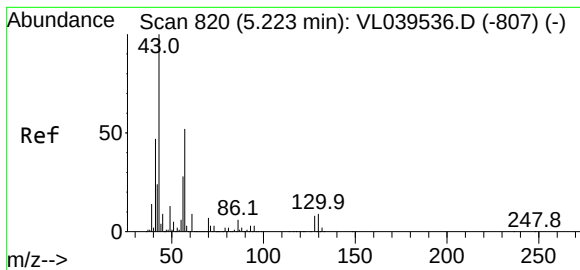
Tgt Ion: 49 Resp: 1022319
Ion Ratio Lower Upper
49 100
128 49.8 26.7 80.0
130 63.0 34.3 102.8



#20
Methylene Chloride
Concen: 0.110 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43

Tgt Ion: 84 Resp: 5785
Ion Ratio Lower Upper
84 100
49 197.6 123.1 184.7#
51 63.0 34.4 51.6#
86 69.7 51.1 76.7

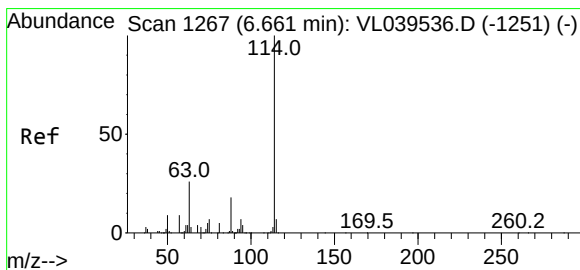
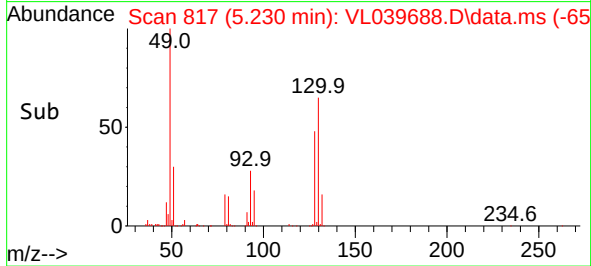
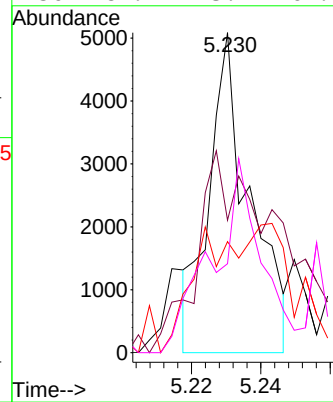
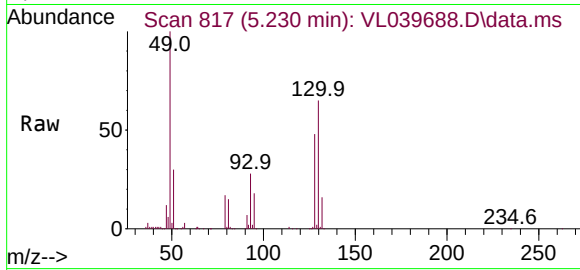




#26
Hexane
Concen: 0.039 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43

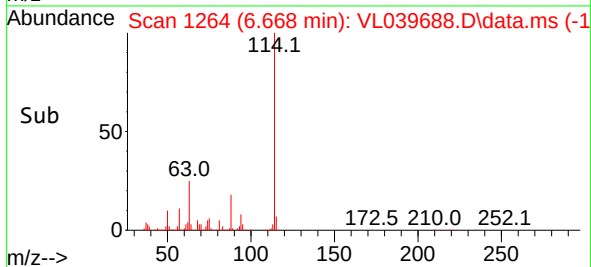
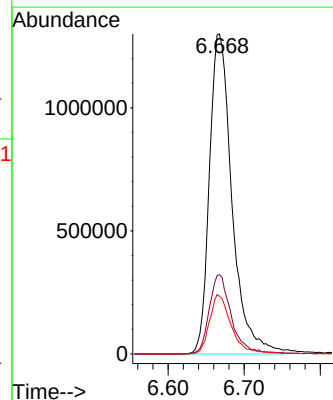
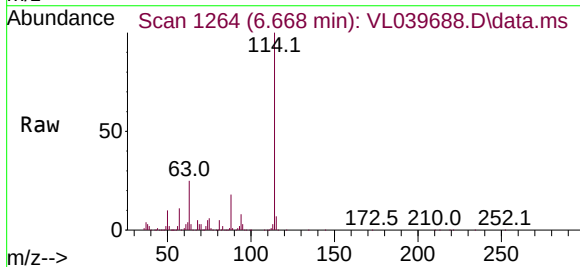
Instrument :
MSVOA_L
ClientSampleId :
1DL2

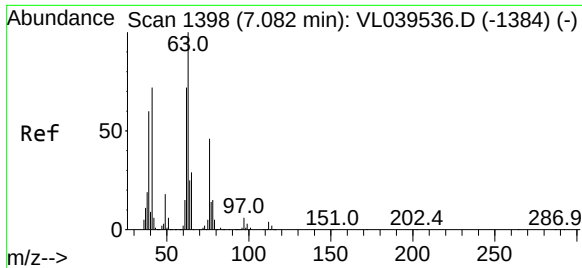
Tgt Ion: 57	Resp: 4130
Ion Ratio	Lower Upper
57 100	
41 146.0	76.9 115.3#
43 0.0	191.0 286.6#
56 87.7	43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039688.D
Acq: 4 Oct 2022 19:43

Tgt Ion:114	Resp: 2683450		
Ion Ratio	Lower	Upper	
114 100			
63 24.5	20.2	30.4	
88 18.0	14.5	21.7	





#39

1,2-Dichloropropane

Concen: 8.222 ppbv

RT: 6.668 min Scan# 1

Delta R.T. -0.414 min

Lab File: VL039688.D

Acq: 4 Oct 2022 19:43

Instrument :

MSVOA_L

ClientSampleId :

1DL2

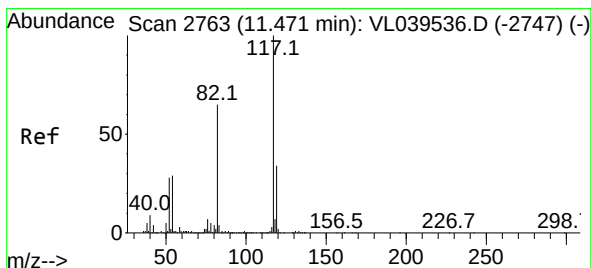
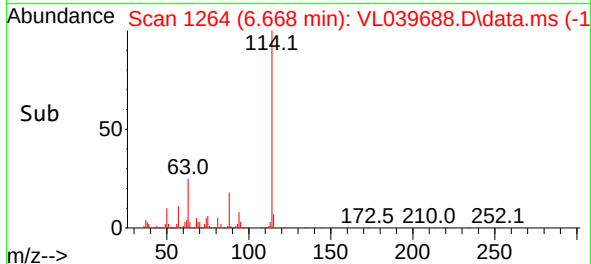
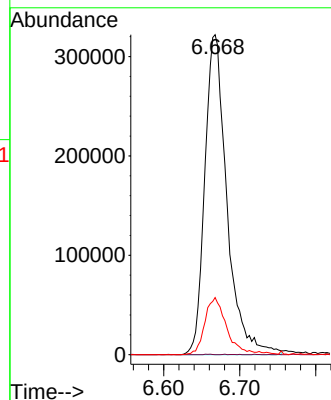
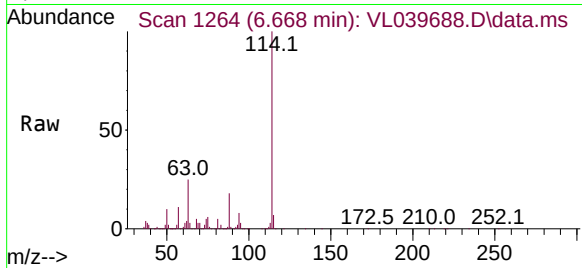
Tgt Ion: 63 Resp: 651355

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.8 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2759

Delta R.T. 0.004 min

Lab File: VL039688.D

Acq: 4 Oct 2022 19:43

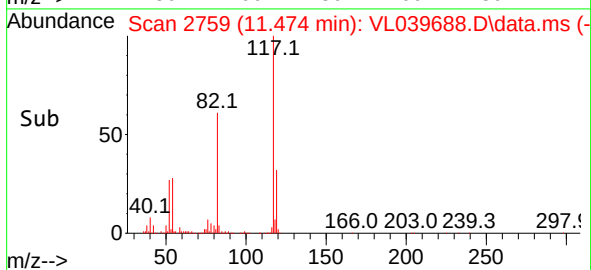
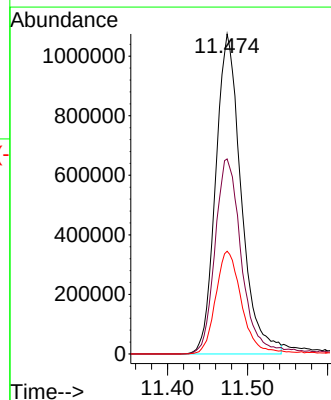
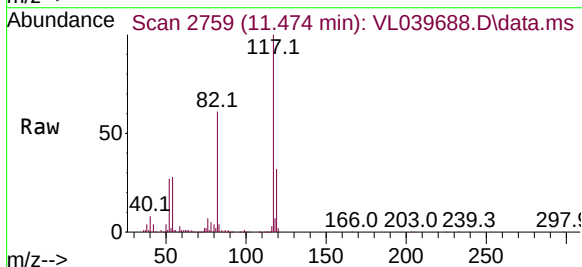
Tgt Ion: 117 Resp: 2380180

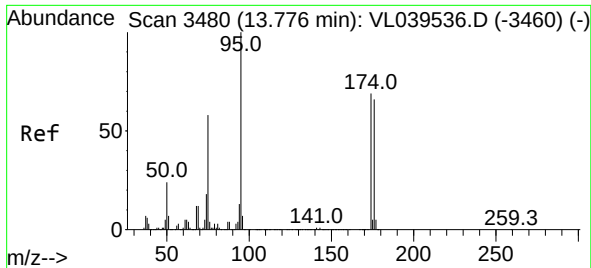
Ion Ratio Lower Upper

117 100

82 65.4 50.8 76.2

119 33.5 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.889 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039688.D
 Acq: 4 Oct 2022 19:43

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL2

Tgt Ion: 95 Resp: 1757053

Ion	Ratio	Lower	Upper
95	100		
174	73.9	55.9	83.9
175	5.4	4.2	6.4

