

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041572.D
 Acq On : 16 May 2024 18:33
 Operator : JC/MD
 Sample : P2517-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240515056-01

Quant Time: May 17 02:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

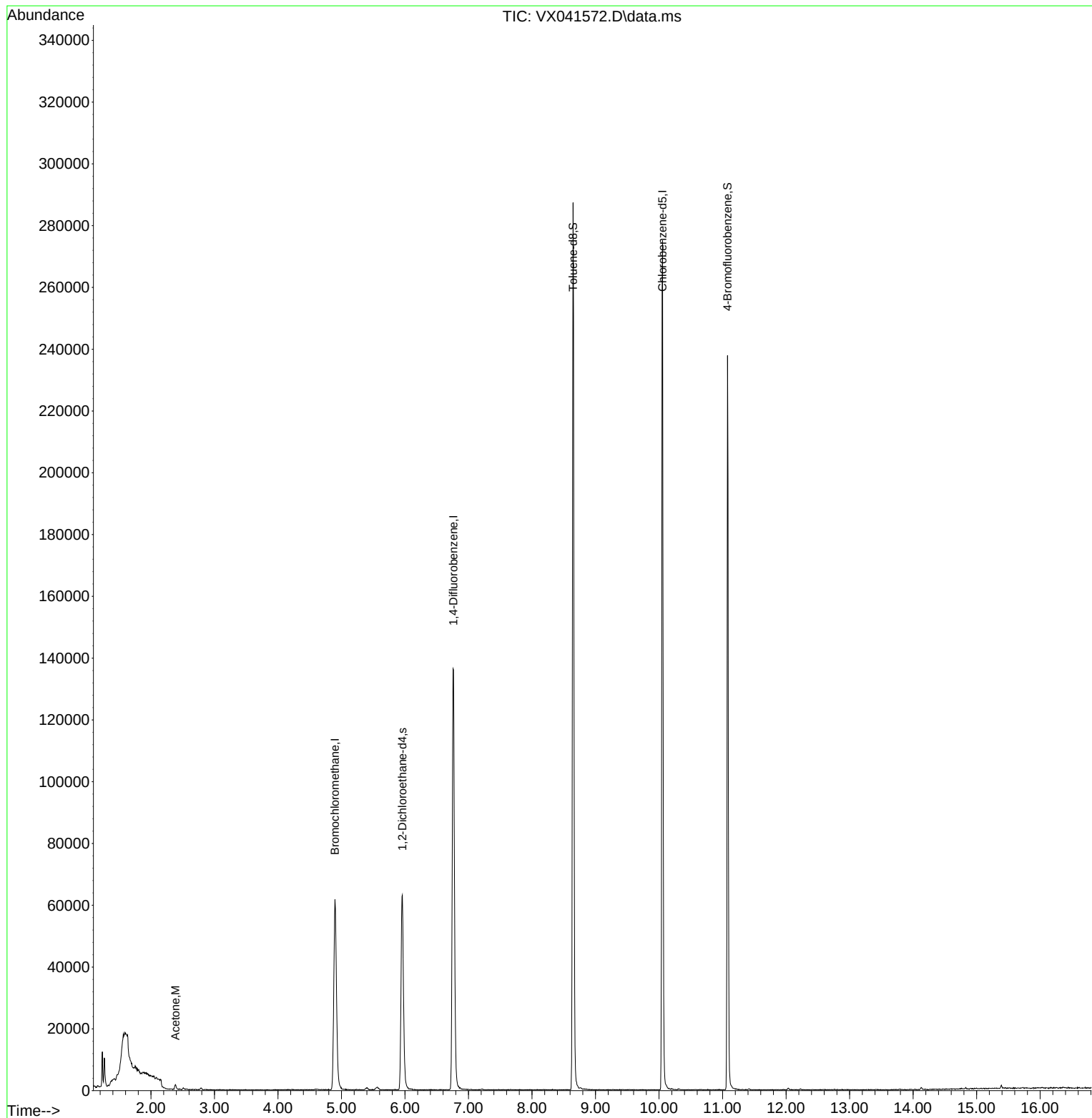
Internal Standards						
1) Bromochloromethane	4.897	128	27743	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	147061	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	135095	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63432	29.034	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.767%
60) 4-Bromofluorobenzene	11.079	95	58018	27.511	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.700%
63) Toluene-d8	8.647	98	170854	29.503	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.333%
Target Compounds						
15) Acetone	2.386	58	478	1.898	ug/l	Qvalue 96

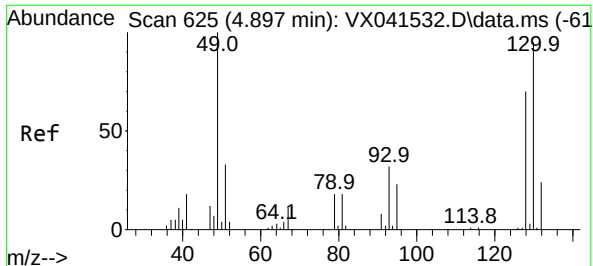
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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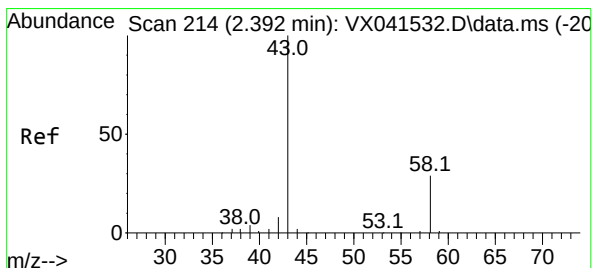
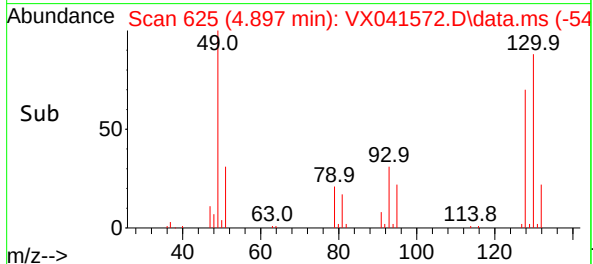
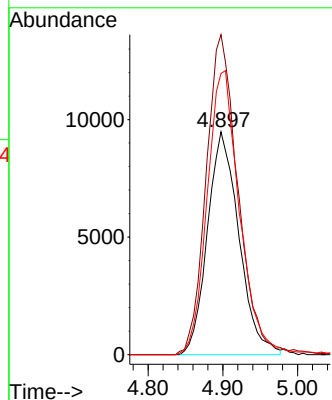
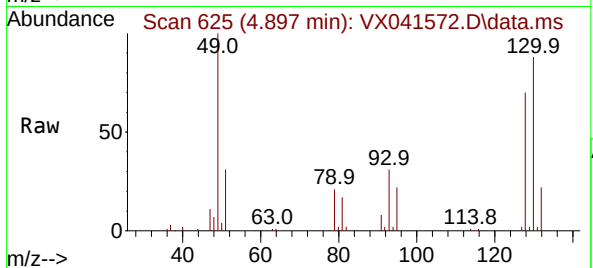




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041572.D
Acq: 16 May 2024 18:33

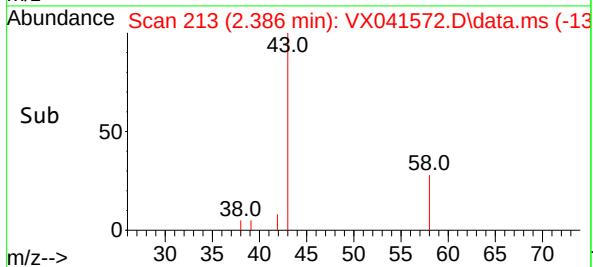
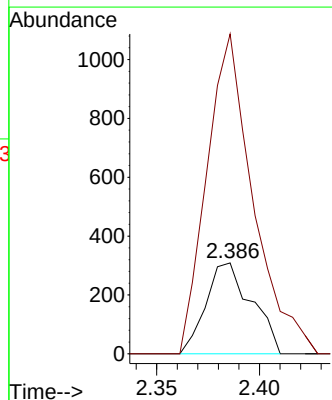
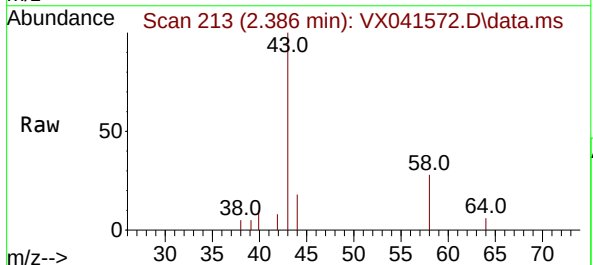
Instrument :
MSVOA_X
ClientSampleId :
240515056-01

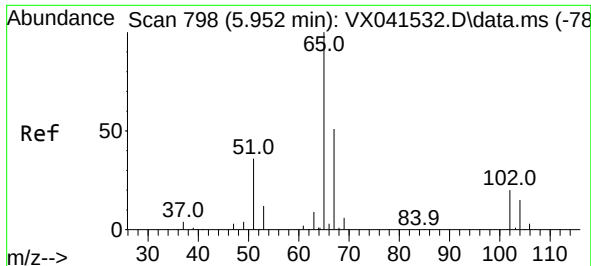
Tgt Ion:128 Resp: 27743
Ion Ratio Lower Upper
128 100
49 144.9 0.0 361.5
130 130.9 0.0 324.3



#15
Acetone
Concen: 1.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041572.D
Acq: 16 May 2024 18:33

Tgt Ion: 58 Resp: 478
Ion Ratio Lower Upper
58 100
43 351.8 274.0 411.0





#27

1,2-Dichloroethane-d4

Concen: 29.034 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041572.D

Acq: 16 May 2024 18:33

Instrument :

MSVOA_X

ClientSampleId :

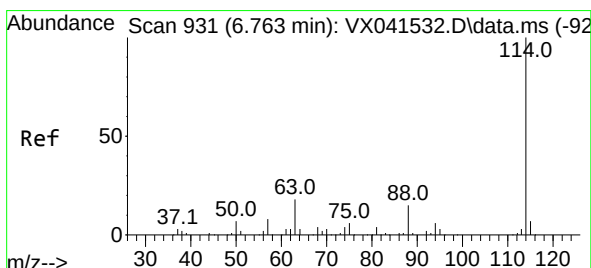
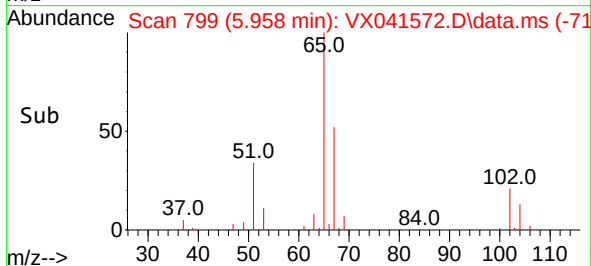
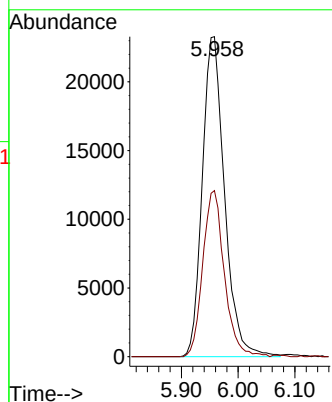
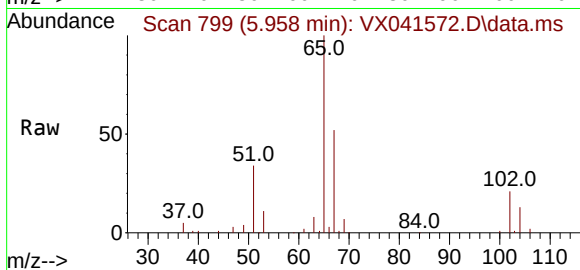
240515056-01

Tgt Ion: 65 Resp: 63432

Ion Ratio Lower Upper

65 100

67 49.9 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041572.D

Acq: 16 May 2024 18:33

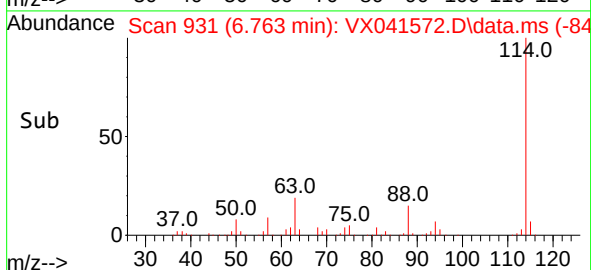
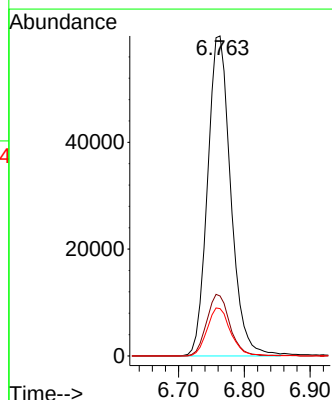
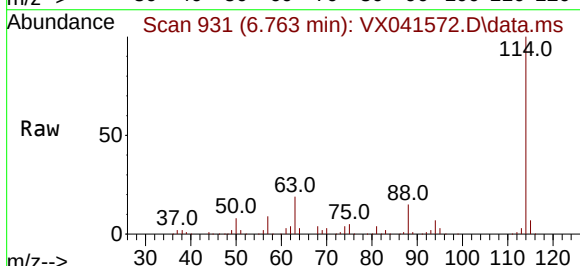
Tgt Ion: 114 Resp: 147061

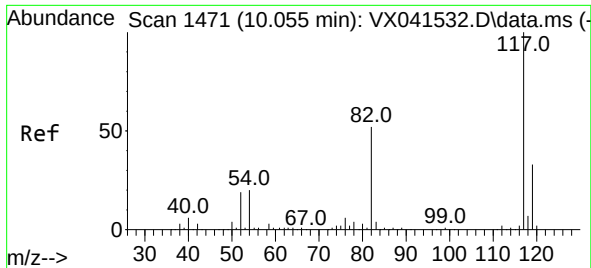
Ion Ratio Lower Upper

114 100

63 19.1 15.4 23.0

88 15.0 12.2 18.2

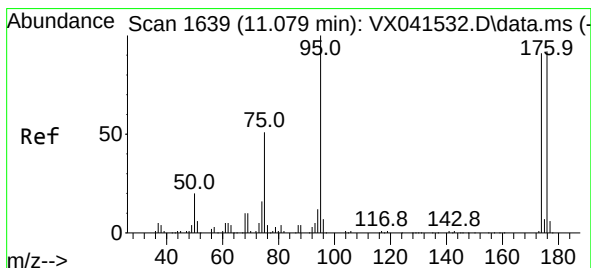
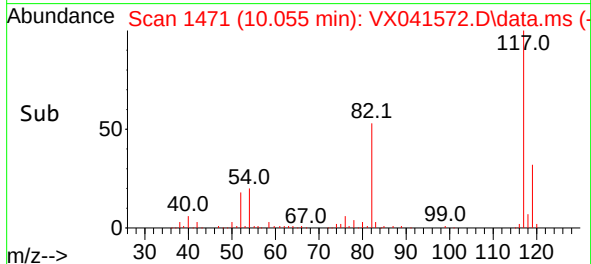
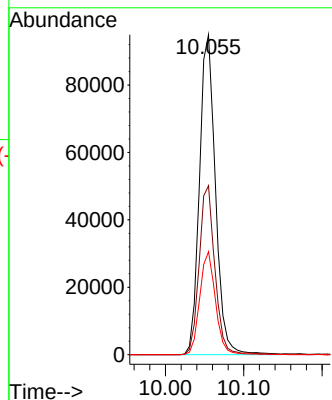
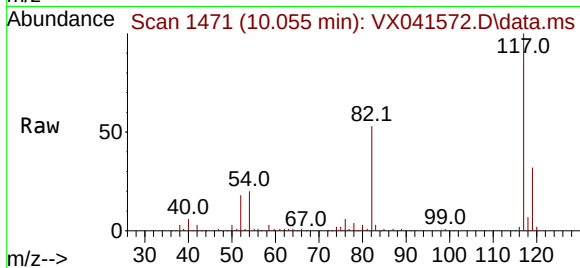




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041572.D
Acq: 16 May 2024 18:33

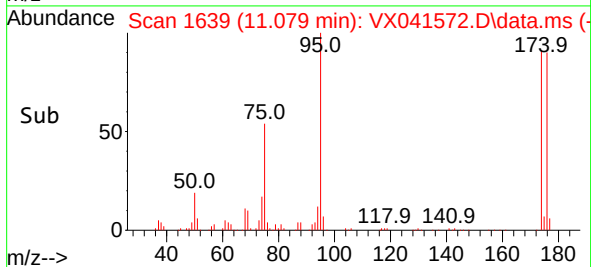
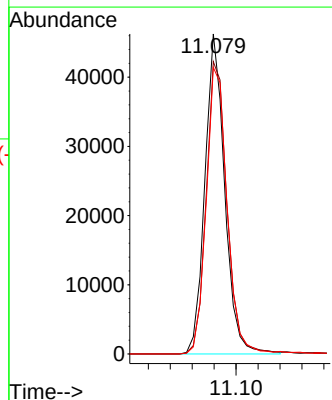
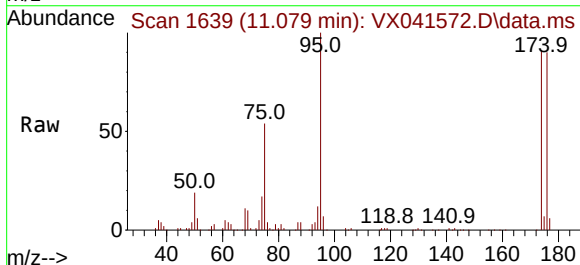
Instrument :
MSVOA_X
ClientSampleId :
240515056-01

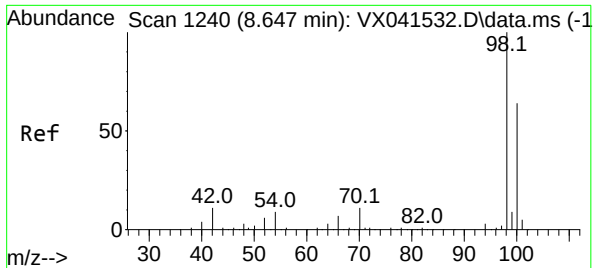
Tgt Ion:117 Resp: 135095
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 31.5 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041572.D
Acq: 16 May 2024 18:33

Tgt Ion: 95 Resp: 58018
Ion Ratio Lower Upper
95 100
174 96.1 76.6 115.0
176 94.0 75.4 113.0





#63
Toluene-d8
Concen: 29.503 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041572.D
Acq: 16 May 2024 18:33

Instrument :
MSVOA_X
ClientSampleId :
240515056-01

Tgt Ion: 98 Resp: 170854
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

