

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014122.D
 Acq On : 12 Jun 2023 15:56
 Operator : KP/MD
 Sample : 03140-04
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 13 05:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	52301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	84102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	85998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35882	49.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.716	113	29988	50.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.173	98	105640	47.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.477	95	33022	41.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.380%

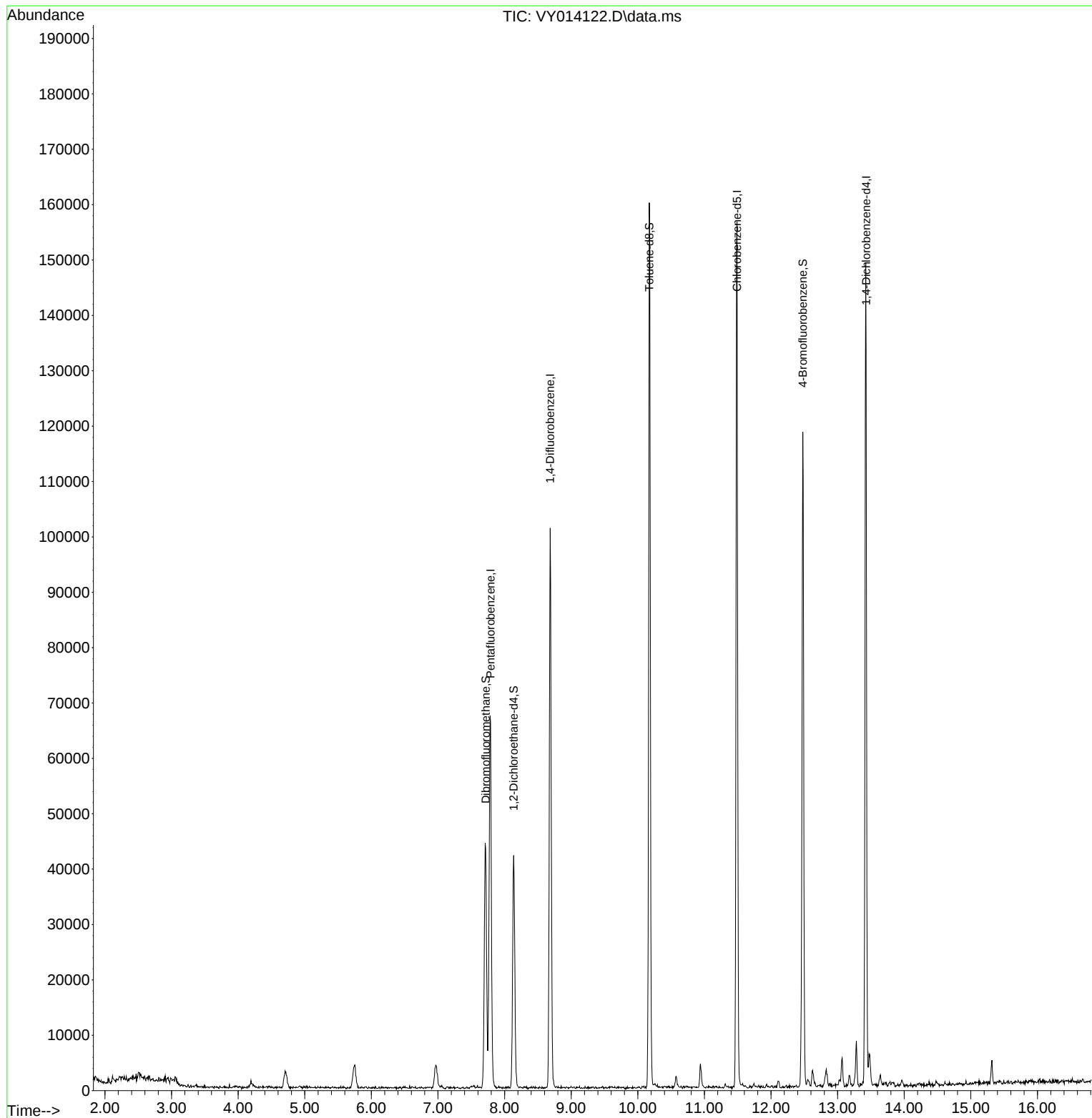
Target Compounds	Qvalue

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

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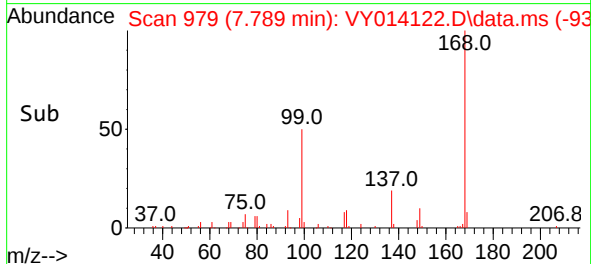
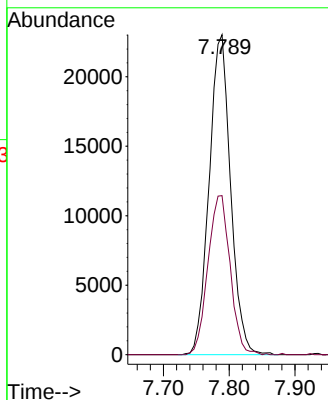
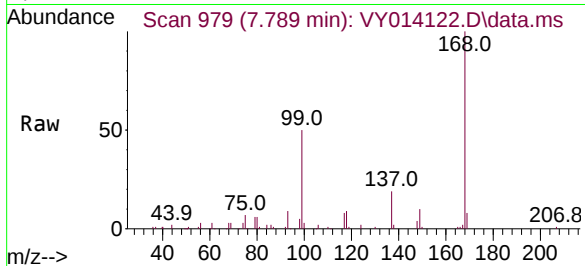




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014122.D
Acq: 12 Jun 2023 15:56

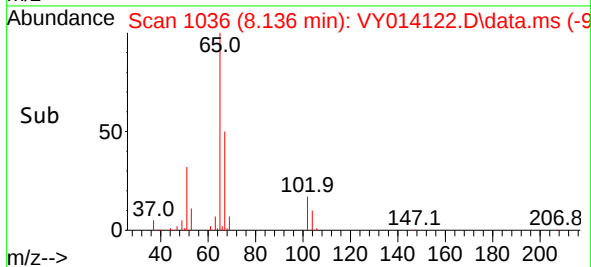
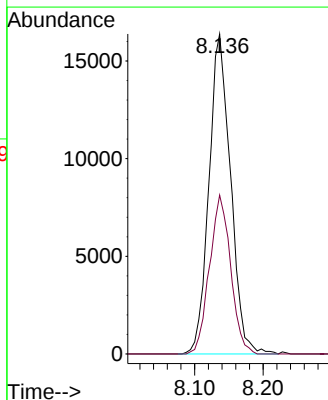
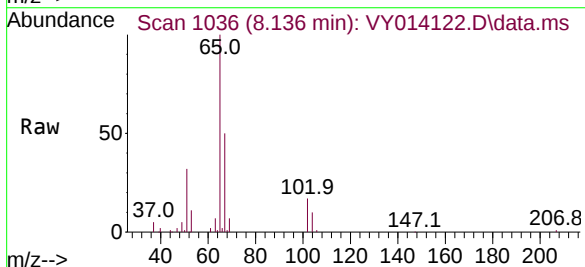
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

Tgt Ion:168 Resp: 52301
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.268 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014122.D
Acq: 12 Jun 2023 15:56

Tgt Ion: 65 Resp: 35882
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014122.D

Acq: 12 Jun 2023 15:56

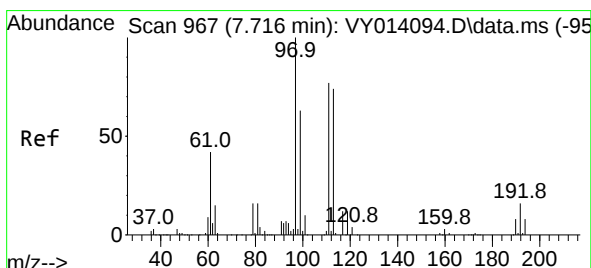
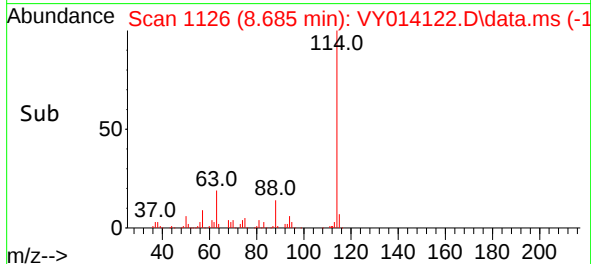
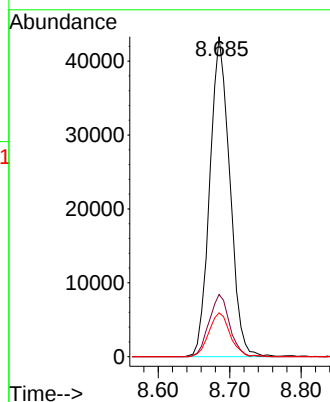
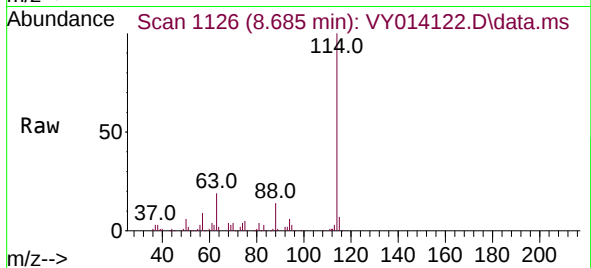
Instrument :

MSVOA_Y

ClientSampleId :

TP-6-GA

Tgt Ion:114	Resp:	84102
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 42.4
88	13.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 50.279 ug/l

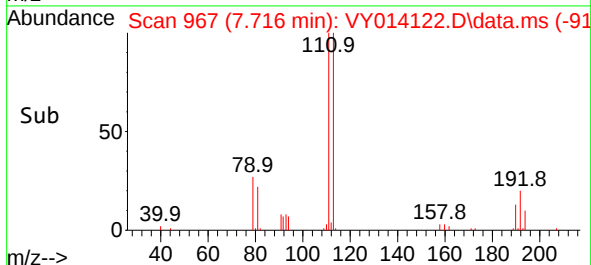
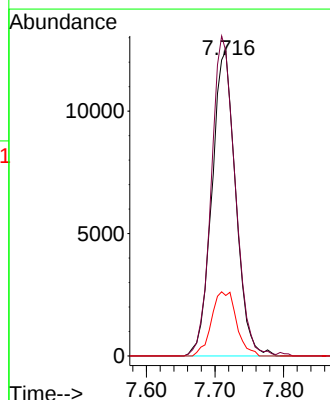
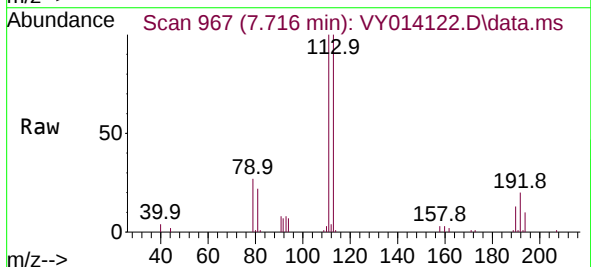
RT: 7.716 min Scan# 967

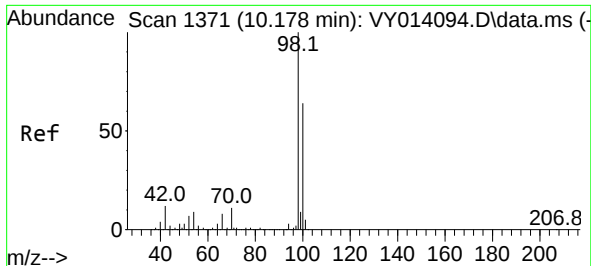
Delta R.T. -0.000 min

Lab File: VY014122.D

Acq: 12 Jun 2023 15:56

Tgt Ion:113	Resp:	29988
Ion Ratio	Lower	Upper
113	100	
111	105.0	81.3 121.9
192	22.1	16.9 25.3

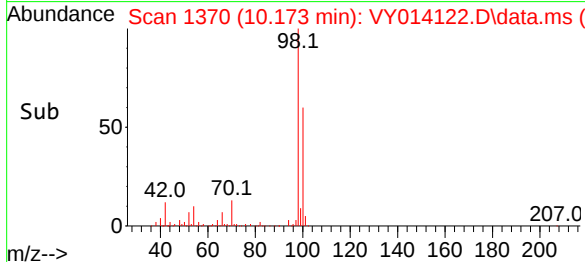
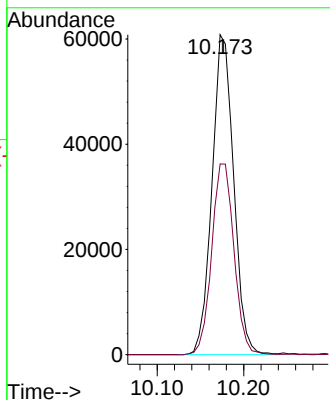
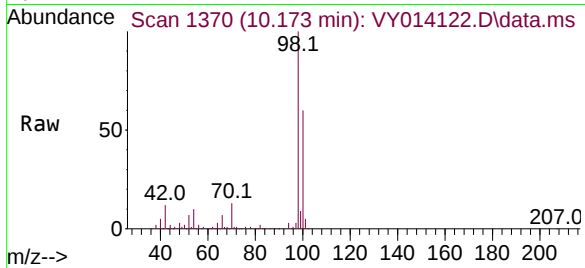




#50
Toluene-d8
Concen: 47.376 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014122.D
Acq: 12 Jun 2023 15:56

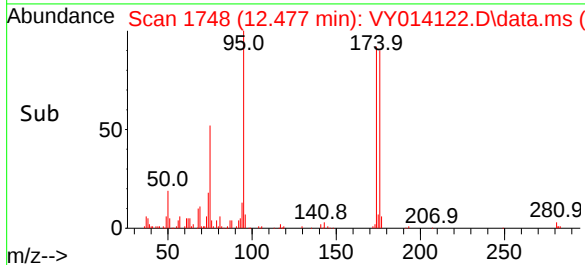
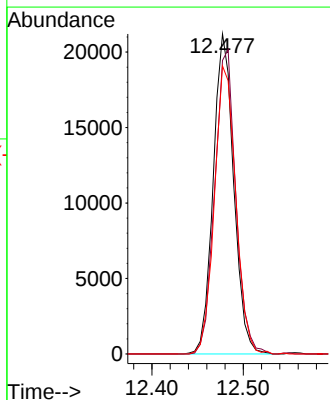
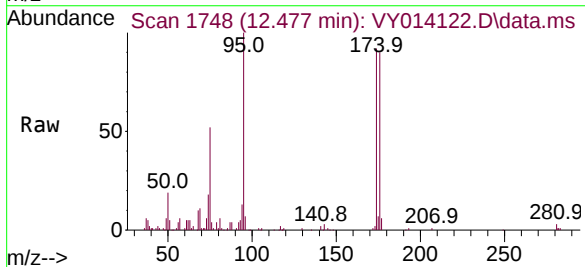
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

Tgt Ion: 98 Resp: 105640
Ion Ratio Lower Upper
98 100
100 61.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014122.D
Acq: 12 Jun 2023 15:56

Tgt Ion: 95 Resp: 33022
Ion Ratio Lower Upper
95 100
174 97.6 0.0 178.2
176 93.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014122.D

Acq: 12 Jun 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-GA

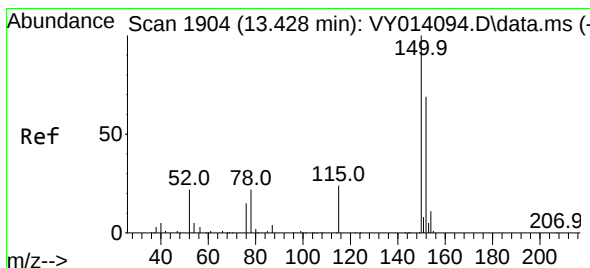
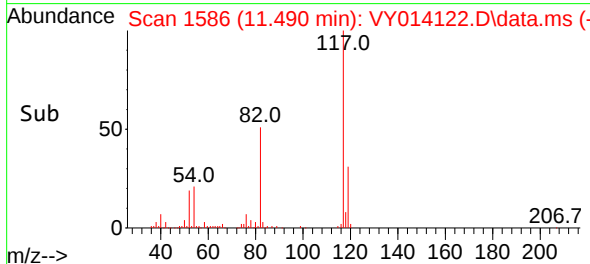
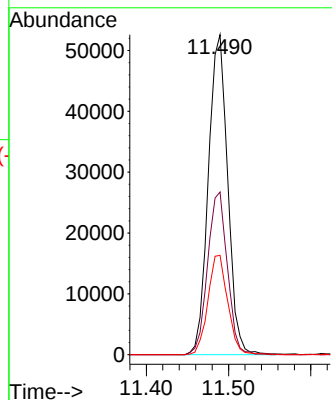
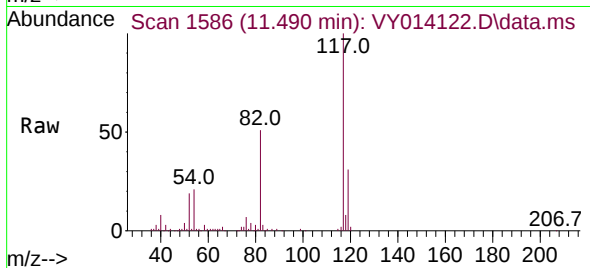
Tgt Ion:117 Resp: 85998

Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014122.D

Acq: 12 Jun 2023 15:56

Tgt Ion:152 Resp: 39466

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 155.8 0.0 348.8

