

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056772.D
 Acq On : 12 Dec 2023 07:49
 Operator : MD/SY
 Sample : 05675-22
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD3

Quant Time: Dec 12 11:04:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

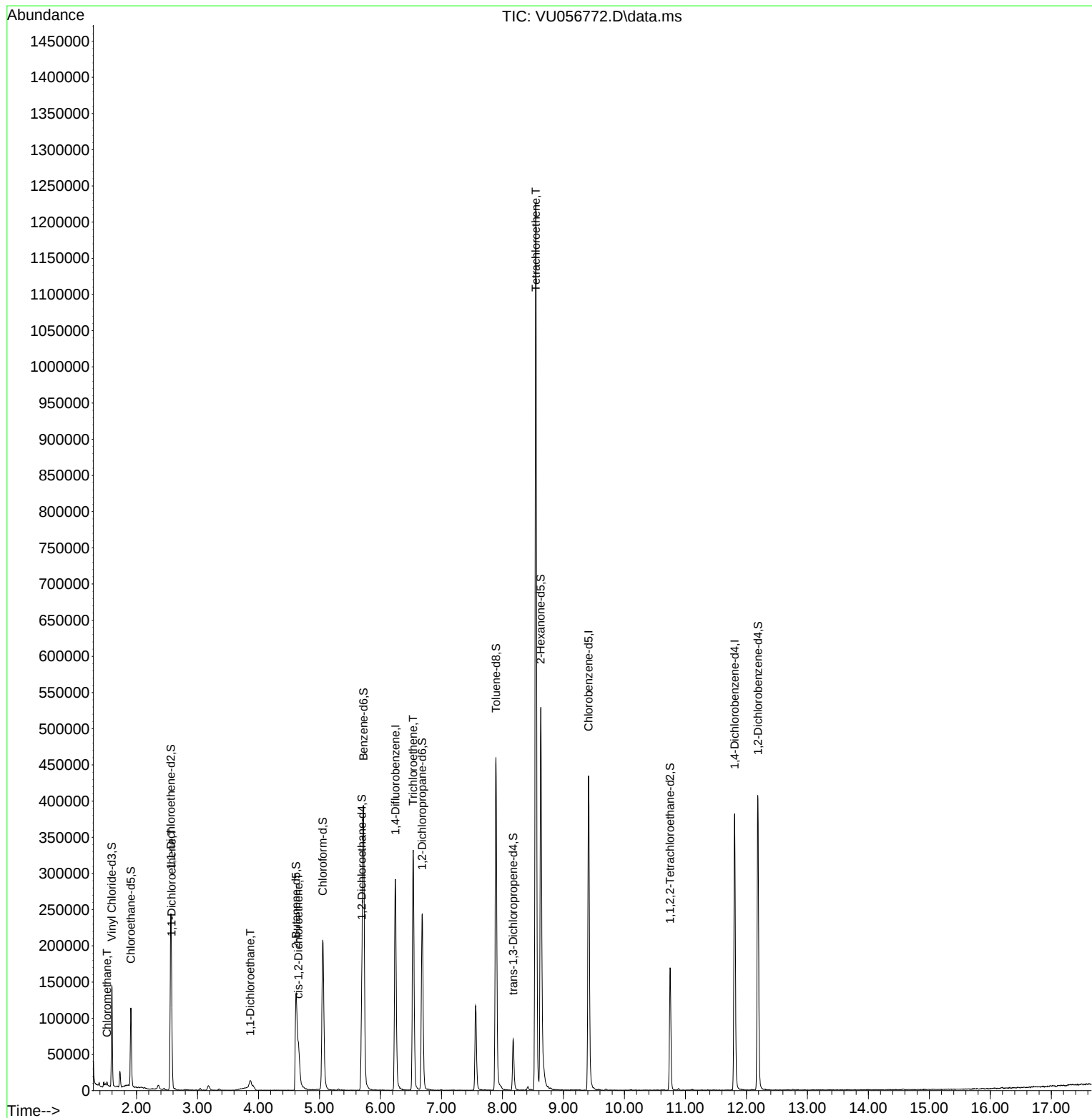
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	255003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99710	4.793	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.907	69	81623	5.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.563	65	43962	4.939	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	4.618	46	212344	51.685	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.360%	
24) Chloroform-d	5.055	84	198863	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.695	65	96771	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.721	84	382671	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.682	67	122033	4.929	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.894	98	322707	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.177	79	44435	4.628	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.627	63	178780	49.374	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.740%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	87684	4.895	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	107553	5.200	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3373	0.135	ug/L	94
12) 1,1-Dichloroethene	2.576	96	14158	0.719	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	10827	0.282	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	18770	0.864	ug/L	93
34) Trichloroethene	6.537	95	122845	4.997	ug/L	94
47) Tetrachloroethene	8.547	164	261990	15.228	ug/L	98

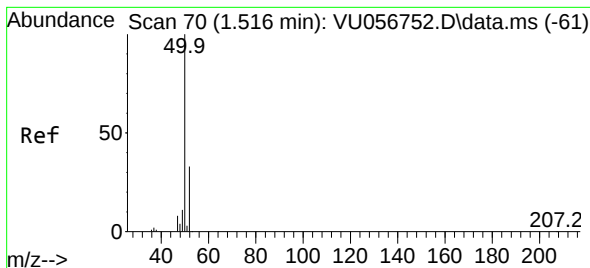
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.135 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU056772.D

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Instrument :

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ClientSampleId :

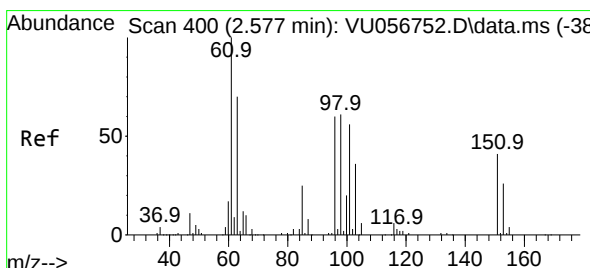
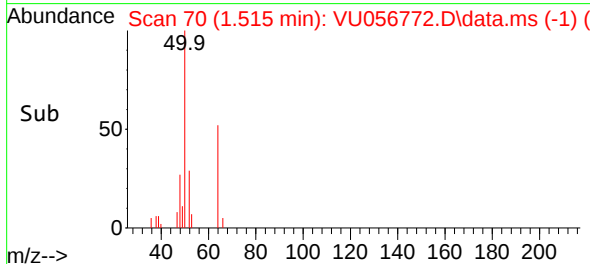
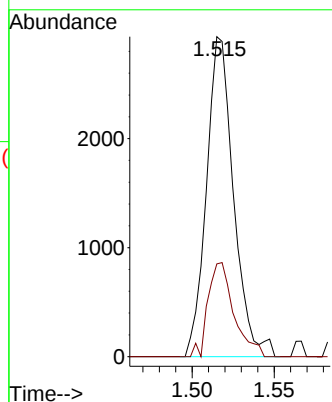
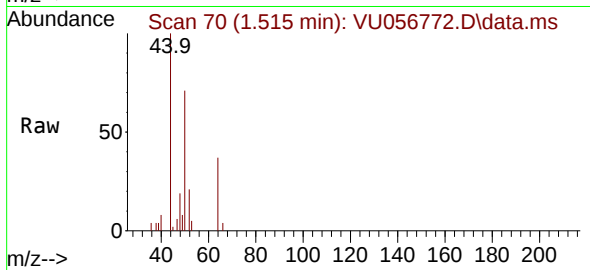
H0AD3

Tgt Ion: 50 Resp: 3373

Ion Ratio Lower Upper

50 100

52 29.0 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.719 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056772.D

Acq: 12 Dec 2023 07:49

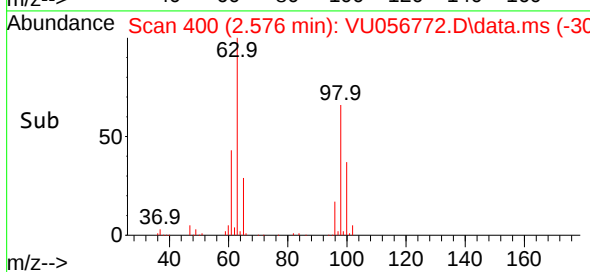
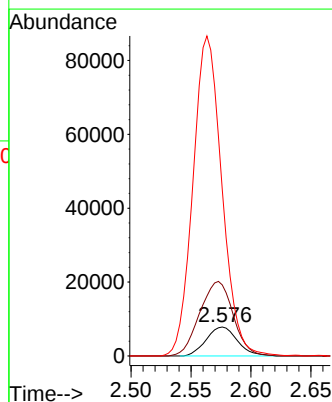
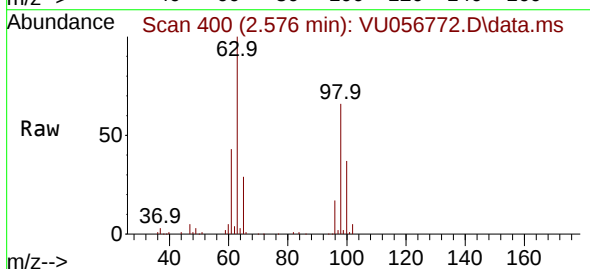
Tgt Ion: 96 Resp: 14158

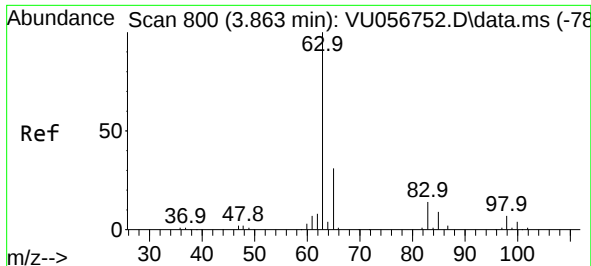
Ion Ratio Lower Upper

96 100

61 245.5 119.0 221.0#

63 574.0 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.282 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056772.D

Acq: 12 Dec 2023 07:49

Instrument :

MSVOA_U

ClientSampleId :

H0AD3

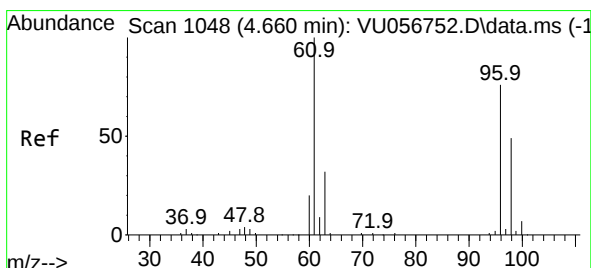
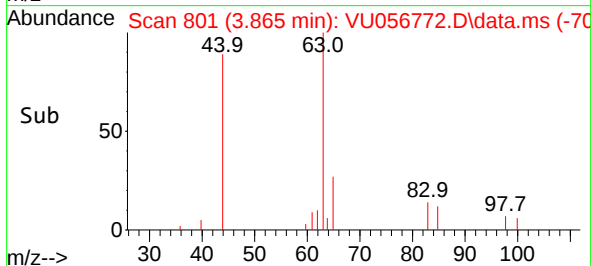
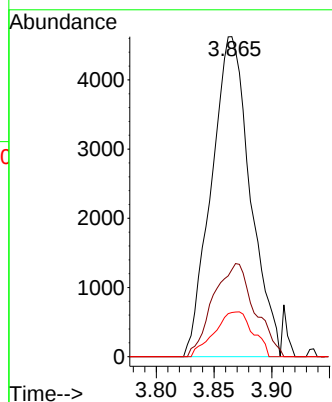
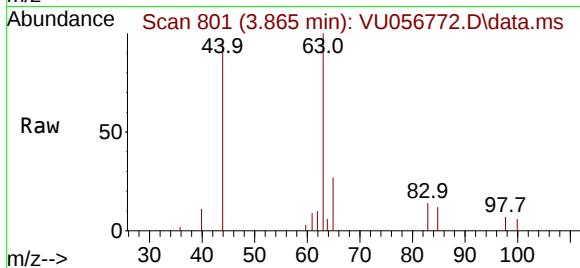
Tgt Ion: 63 Resp: 10827

Ion Ratio Lower Upper

63 100

65 25.7 22.9 42.5

83 13.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.864 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU056772.D

Acq: 12 Dec 2023 07:49

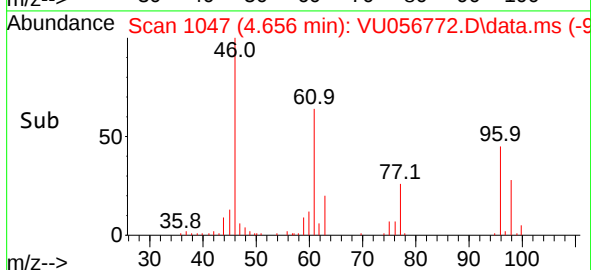
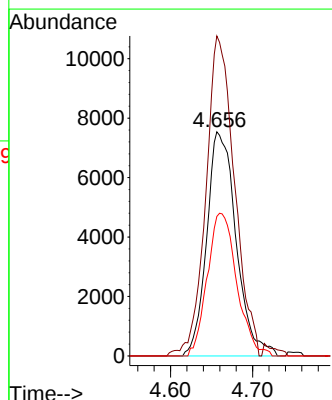
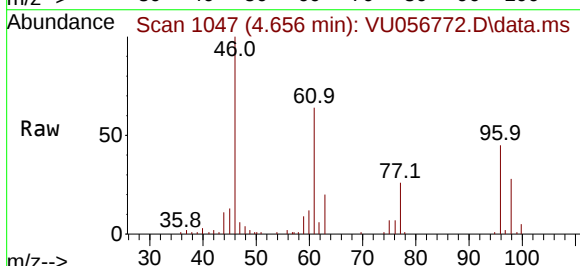
Tgt Ion: 96 Resp: 18770

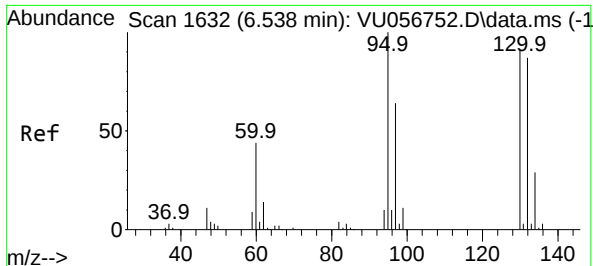
Ion Ratio Lower Upper

96 100

61 142.8 91.3 169.6

98 62.2 44.2 82.0

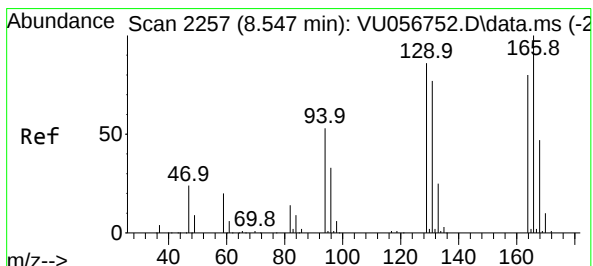
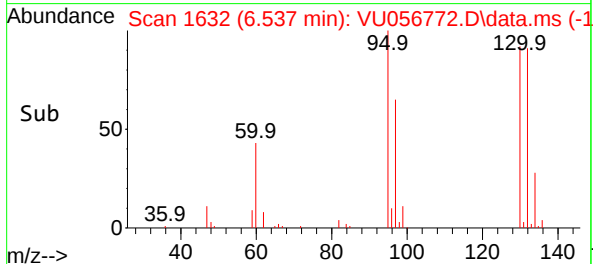
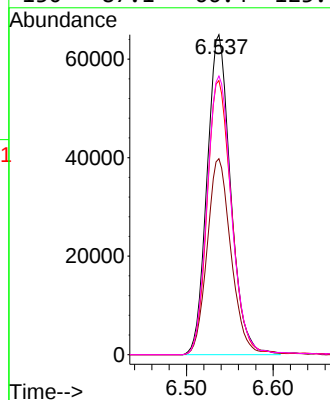
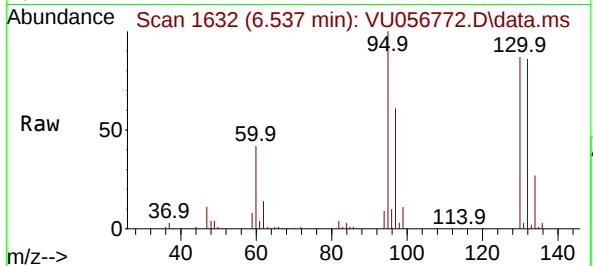




#34
Trichloroethene
Concen: 4.997 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056772.D
Acq: 12 Dec 2023 07:49

Instrument :
MSVOA_U
ClientSampleId :
H0AD3

Tgt Ion: 95 Resp: 122845
Ion Ratio Lower Upper
95 100
97 61.3 46.1 85.5
132 85.7 63.6 118.0
130 87.1 66.4 123.4



#47
Tetrachloroethene
Concen: 15.228 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056772.D
Acq: 12 Dec 2023 07:49

Tgt Ion:164 Resp: 261990
Ion Ratio Lower Upper
164 100
129 105.8 73.4 136.4
131 102.9 71.5 132.9
166 128.2 92.7 172.1

