

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037453.D
 Acq On : 21 Sep 2024 00:31
 Operator : SY/MD
 Sample : P4107-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B33

Quant Time: Sep 21 04:53:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

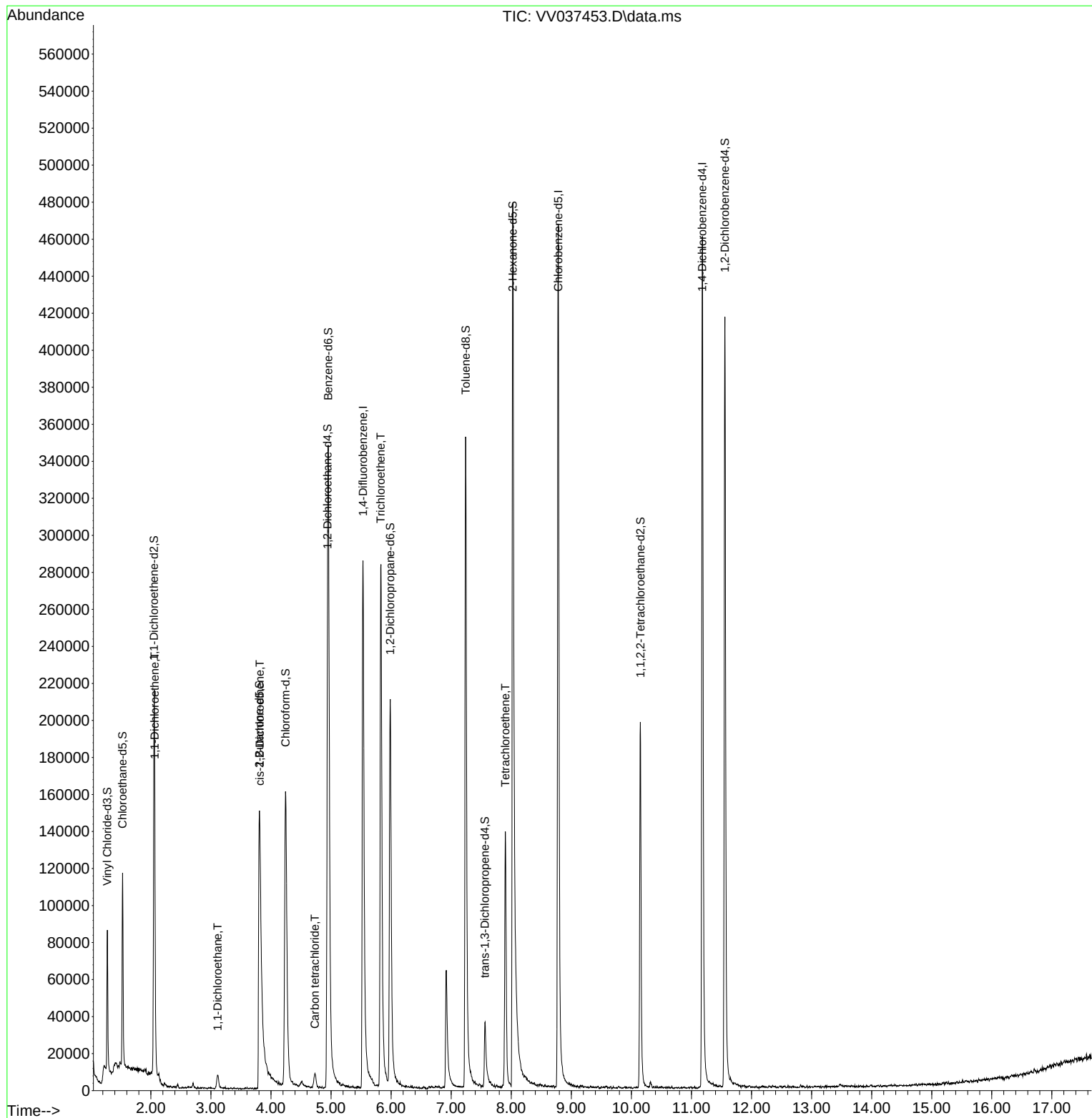
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274225	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	130205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49512	3.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.529	69	66782	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.053	65	28102	3.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.806	46	237817	49.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.920%
24) Chloroform-d	4.243	84	181155	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.941	65	89757	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.953	84	320804	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.986	67	114791	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.243	98	260358	3.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.561	79	26387	3.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.024	63	196864	51.564	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100334	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	113166	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	18897	0.983	ug/L #	38
19) 1,1-Dichloroethane	3.111	63	8361	0.217	ug/L #	87
22) cis-1,2-Dichloroethene	3.815	96	21049	0.963	ug/L	97
31) Carbon tetrachloride	4.732	117	5748	0.200	ug/L	93
34) Trichloroethene	5.828	95	109604	4.738	ug/L	99
47) Tetrachloroethene	7.902	164	31442	1.899	ug/L	98

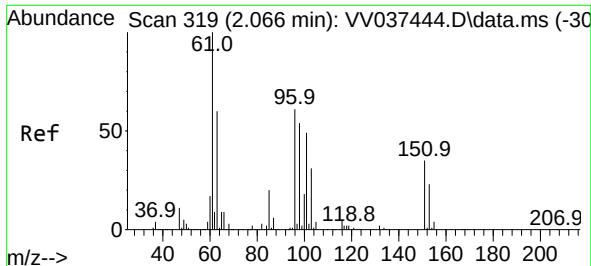
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.983 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Instrument :

MSVOA_V

ClientSampleId :

C0B33

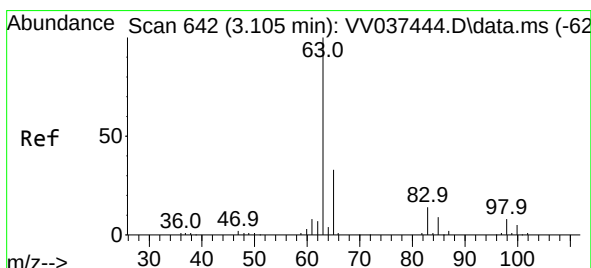
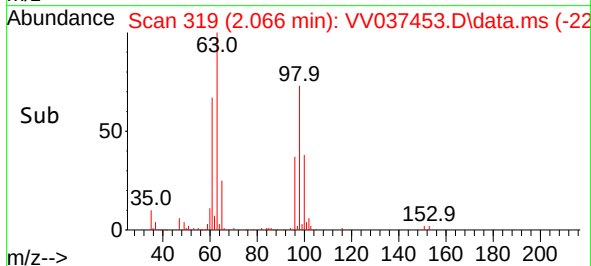
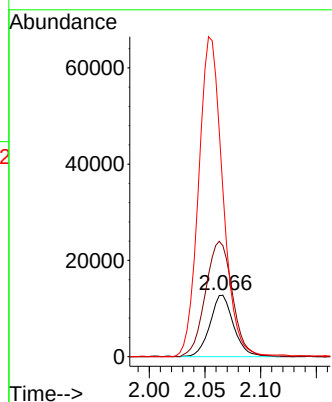
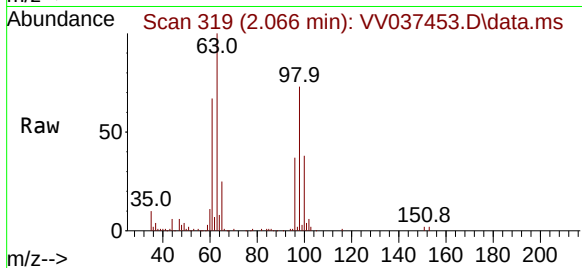
Tgt Ion: 96 Resp: 18897

Ion Ratio Lower Upper

96 100

61 180.6 119.9 222.7

63 271.4 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.217 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.007 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

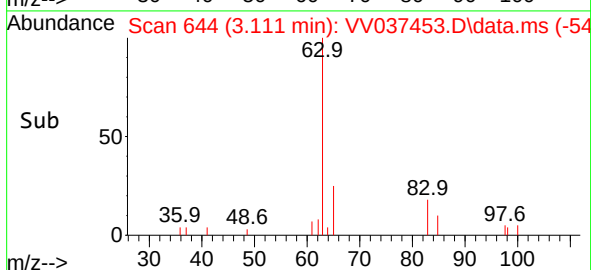
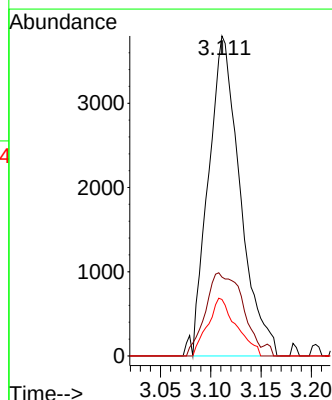
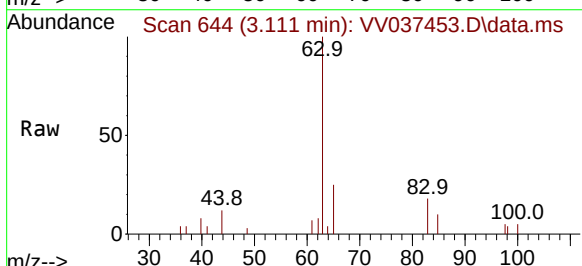
Tgt Ion: 63 Resp: 8361

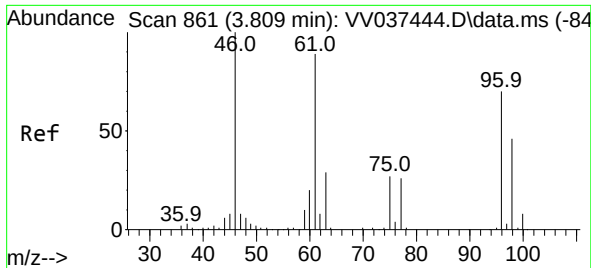
Ion Ratio Lower Upper

63 100

65 24.6 22.5 41.7

83 17.6 8.9 16.5#





#22

cis-1,2-Dichloroethene

Concen: 0.963 ug/L

RT: 3.815 min Scan# 861

Delta R.T. 0.006 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Instrument :

MSVOA_V

ClientSampleId :

C0B33

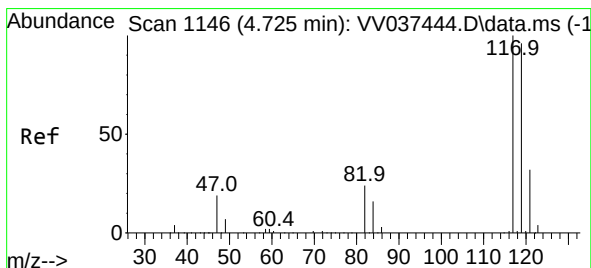
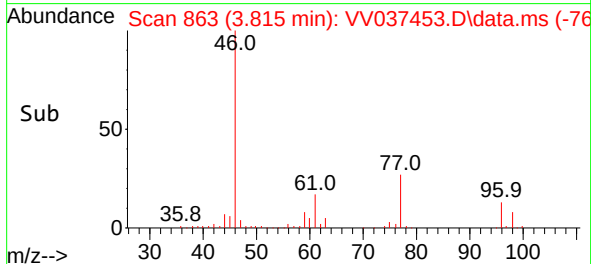
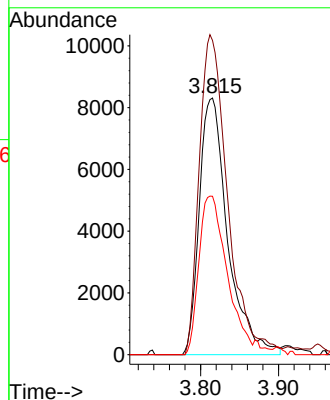
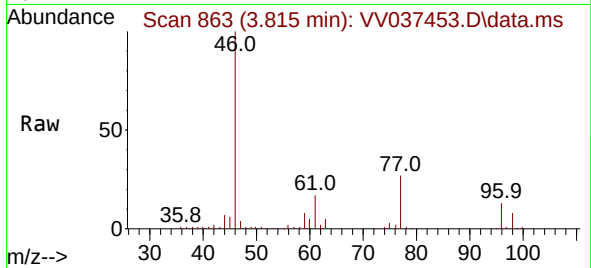
Tgt Ion: 96 Resp: 21049

Ion Ratio Lower Upper

96 100

61 122.5 87.6 162.6

98 61.7 44.9 83.5



#31

Carbon tetrachloride

Concen: 0.200 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV037453.D

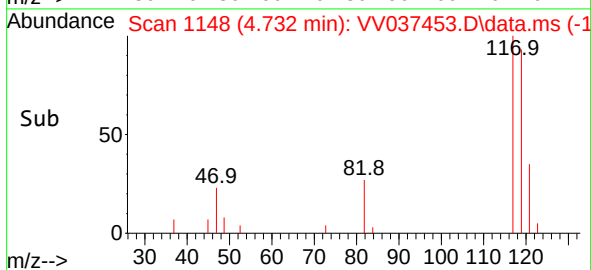
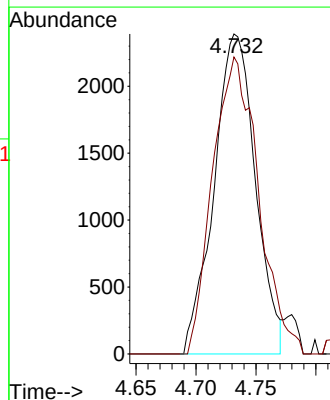
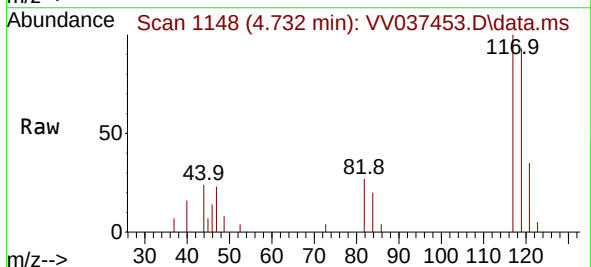
Acq: 21 Sep 2024 00:31

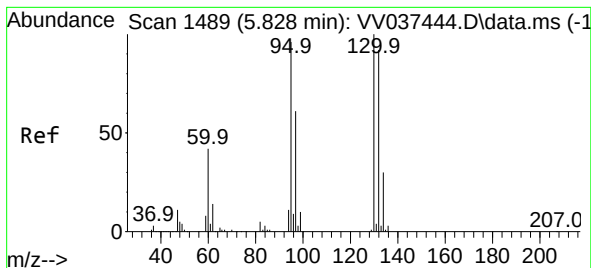
Tgt Ion: 117 Resp: 5748

Ion Ratio Lower Upper

117 100

119 102.5 76.2 114.4





#34

Trichloroethene

Concen: 4.738 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Instrument :

MSVOA_V

ClientSampleId :

C0B33

Tgt Ion: 95 Resp: 109604

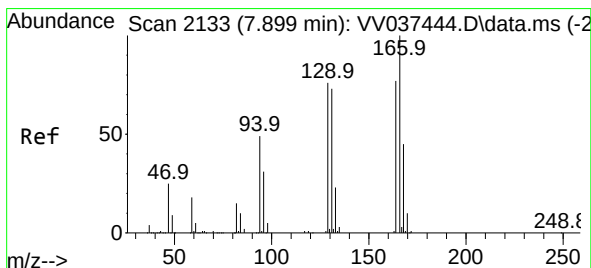
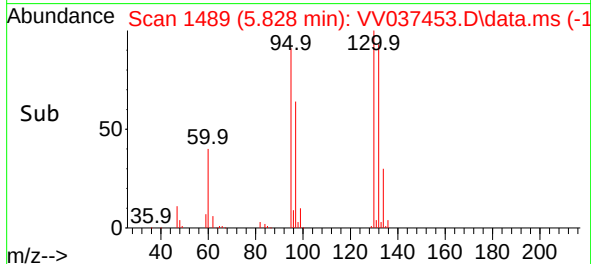
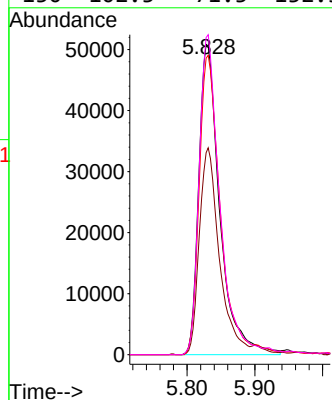
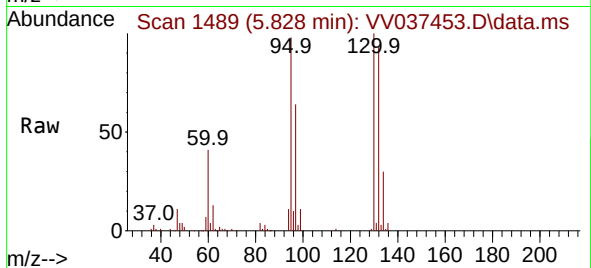
Ion Ratio Lower Upper

95 100

97 65.1 46.5 86.5

132 95.6 65.5 121.7

130 102.3 71.3 132.3



#47

Tetrachloroethene

Concen: 1.899 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037453.D

Acq: 21 Sep 2024 00:31

Tgt Ion: 164 Resp: 31442

Ion Ratio Lower Upper

164 100

129 100.0 69.2 128.4

131 91.4 66.6 123.8

166 128.6 88.8 165.0

