

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050986.D
 Acq On : 29 Sep 2022 18:06
 Operator : JC/MD
 Sample : N4854-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:50:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

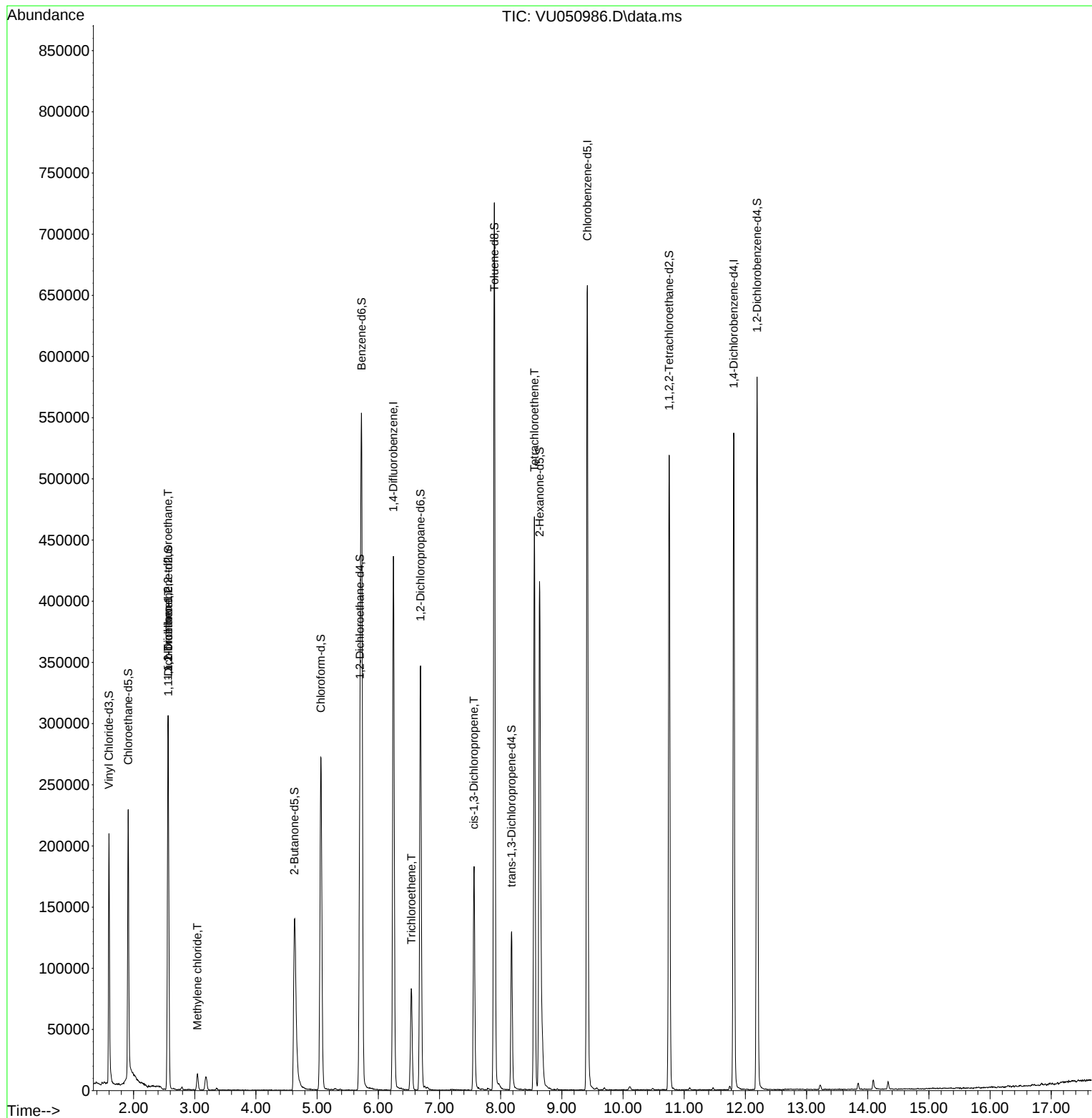
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	351056	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	368726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153578	43.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.340%		
7) Chloroethane-d5	1.912	69	159761	48.341	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.680%		
11) 1,1-Dichloroethene-d2	2.565	63	175796	33.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.900%		
21) 2-Butanone-d5	4.629	46	220585	95.594	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.590%		
24) Chloroform-d	5.060	84	251989	43.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.920%		
26) 1,2-Dichloroethane-d4	5.700	65	162150	45.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.400%		
32) Benzene-d6	5.726	84	517302	47.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.820%		
36) 1,2-Dichloropropane-d6	6.690	67	167234	47.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.460%		
41) Toluene-d8	7.896	98	480016	48.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.240%		
43) trans-1,3-Dichloroprop...	8.179	79	73214	43.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.620%		
47) 2-Hexanone-d5	8.636	63	129237	91.349	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.350%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	261929	42.775	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.540%		
66) 1,2-Dichlorobenzene-d4	12.192	152	151883	50.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.660%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2049	0.765	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	1456	0.582	ug/L #	1
16) Methylene chloride	3.041	84	6440	1.792	ug/L	87
34) Trichloroethene	6.539	95	25803	8.862	ug/L	98
39) cis-1,3-Dichloropropene	7.562	75	4873	1.137	ug/L #	71
46) Tetrachloroethene	8.552	164	99689	45.180	ug/L	99

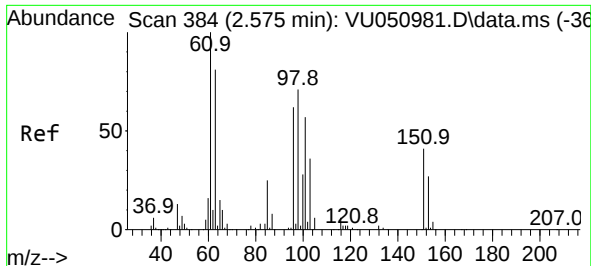
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.765 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

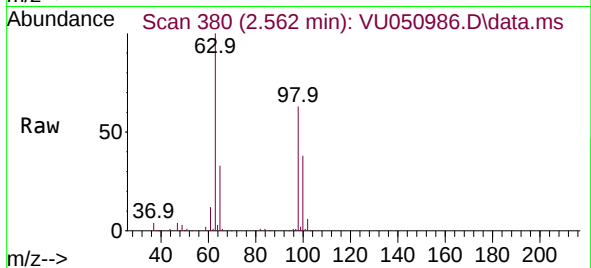
Lab File: VU050986.D

Acq: 29 Sep 2022 18:06

Instrument :

MSVOA_U

ClientSampleId :



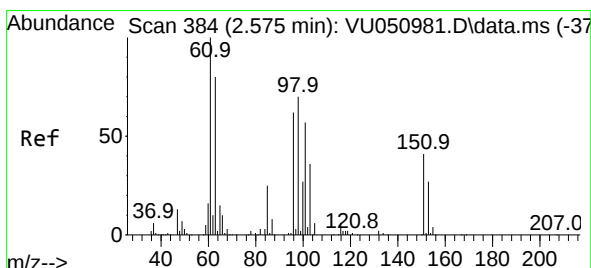
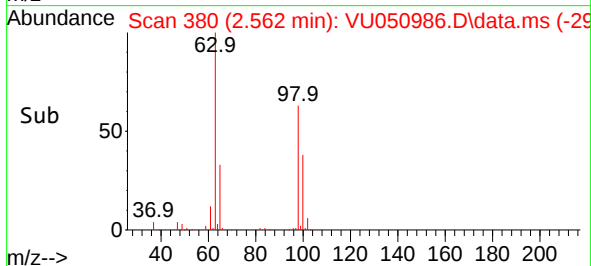
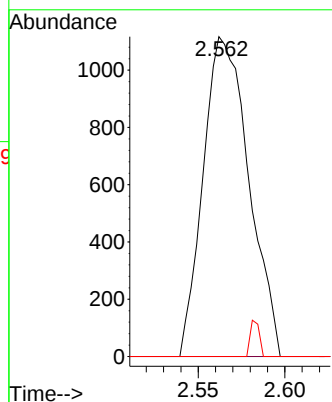
Tgt Ion:101 Resp: 2049

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 2.2 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.582 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU050986.D

Acq: 29 Sep 2022 18:06

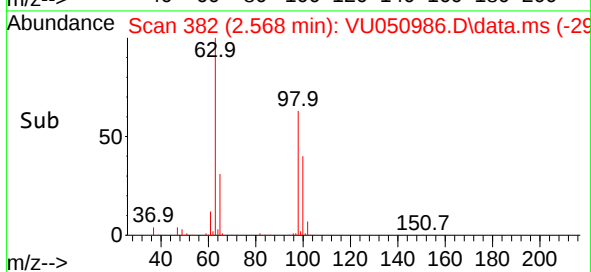
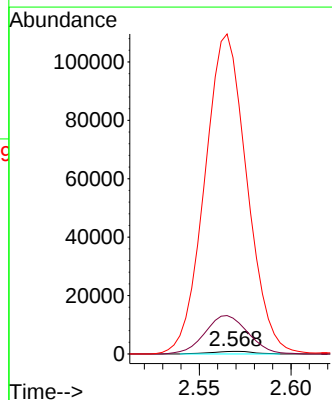
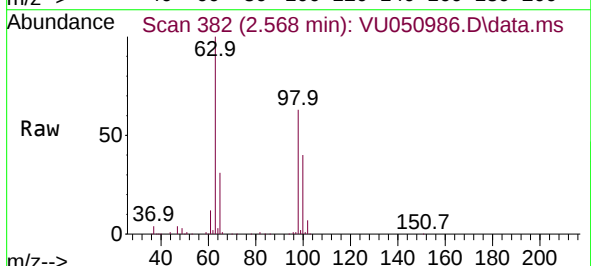
Tgt Ion: 96 Resp: 1456

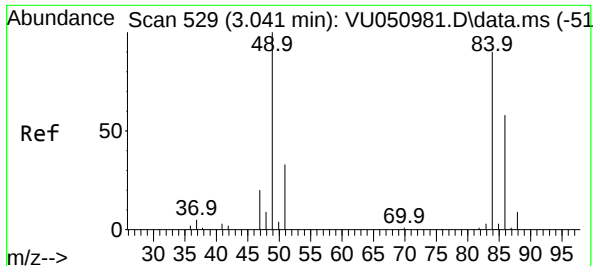
Ion Ratio Lower Upper

96 100

61 1355.8 113.0 209.9#

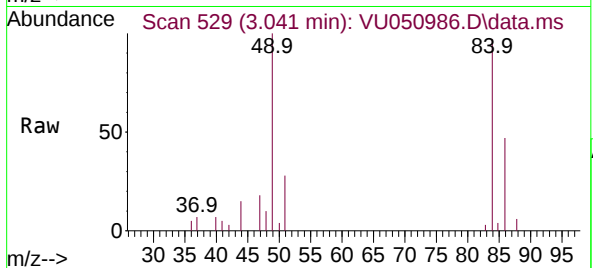
63 11208.8 91.7 170.3#





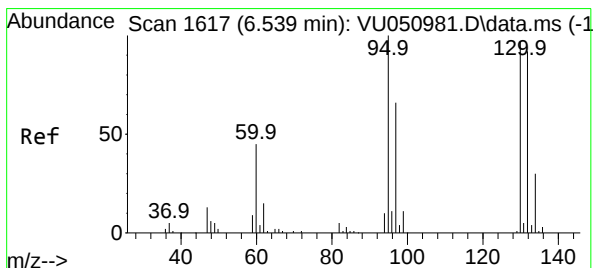
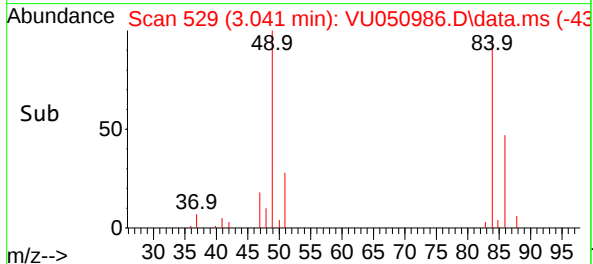
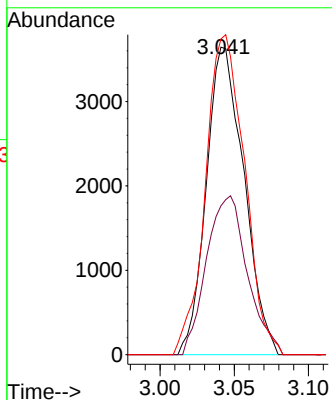
#16
Methylene chloride
Concen: 1.792 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050986.D
Acq: 29 Sep 2022 18:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6440

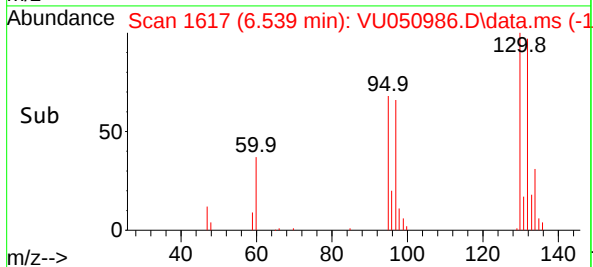
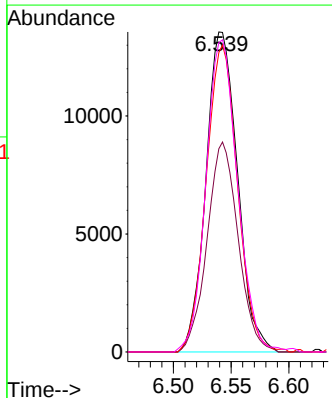
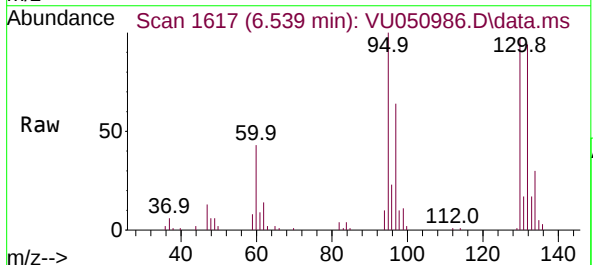
Ion	Ratio	Lower	Upper
84	100		
86	48.4	45.4	84.4
49	102.7	78.3	145.3

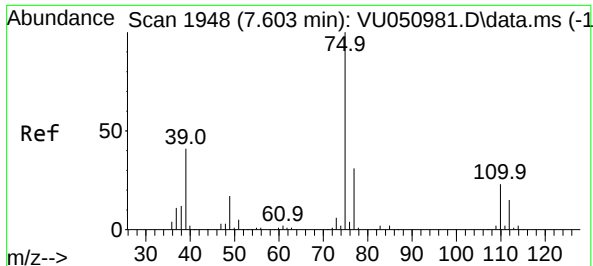


#34
Trichloroethene
Concen: 8.862 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050986.D
Acq: 29 Sep 2022 18:06

Tgt Ion: 95 Resp: 25803

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.9	85.3
132	93.6	64.0	119.0
130	96.7	67.9	126.1





#39

cis-1,3-Dichloropropene

Concen: 1.137 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU050986.D

Acq: 29 Sep 2022 18:06

Instrument :

MSVOA_U

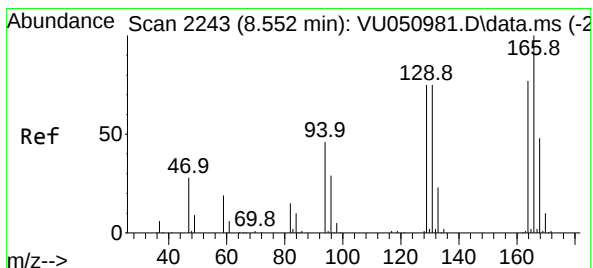
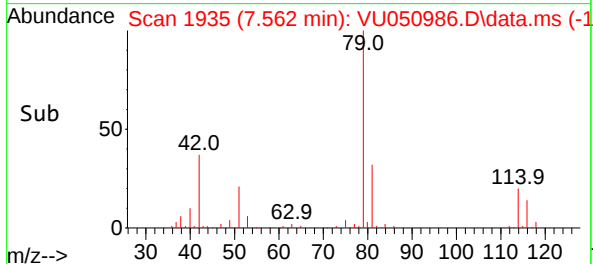
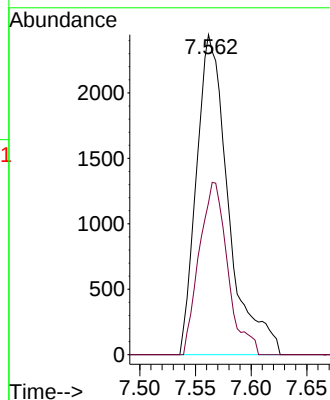
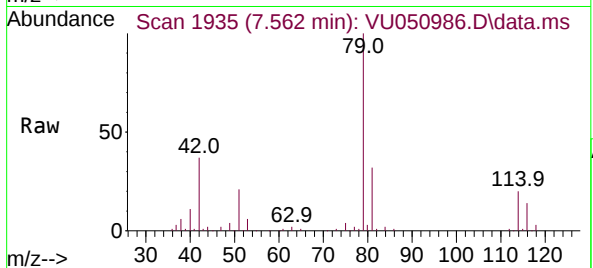
ClientSampleId :

Tgt Ion: 75 Resp: 4873

Ion Ratio Lower Upper

75 100

77 47.5 22.0 41.0#



#46

Tetrachloroethene

Concen: 45.180 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050986.D

Acq: 29 Sep 2022 18:06

Tgt Ion:164 Resp: 99689

Ion Ratio Lower Upper

164 100

129 97.1 68.1 126.5

131 94.4 67.8 126.0

166 127.5 90.5 168.1

