

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047728.D
 Acq On : 28 Mar 2022 15:30
 Operator : SY/MD
 Sample : N2081-14DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y1DL

Quant Time: Mar 29 01:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

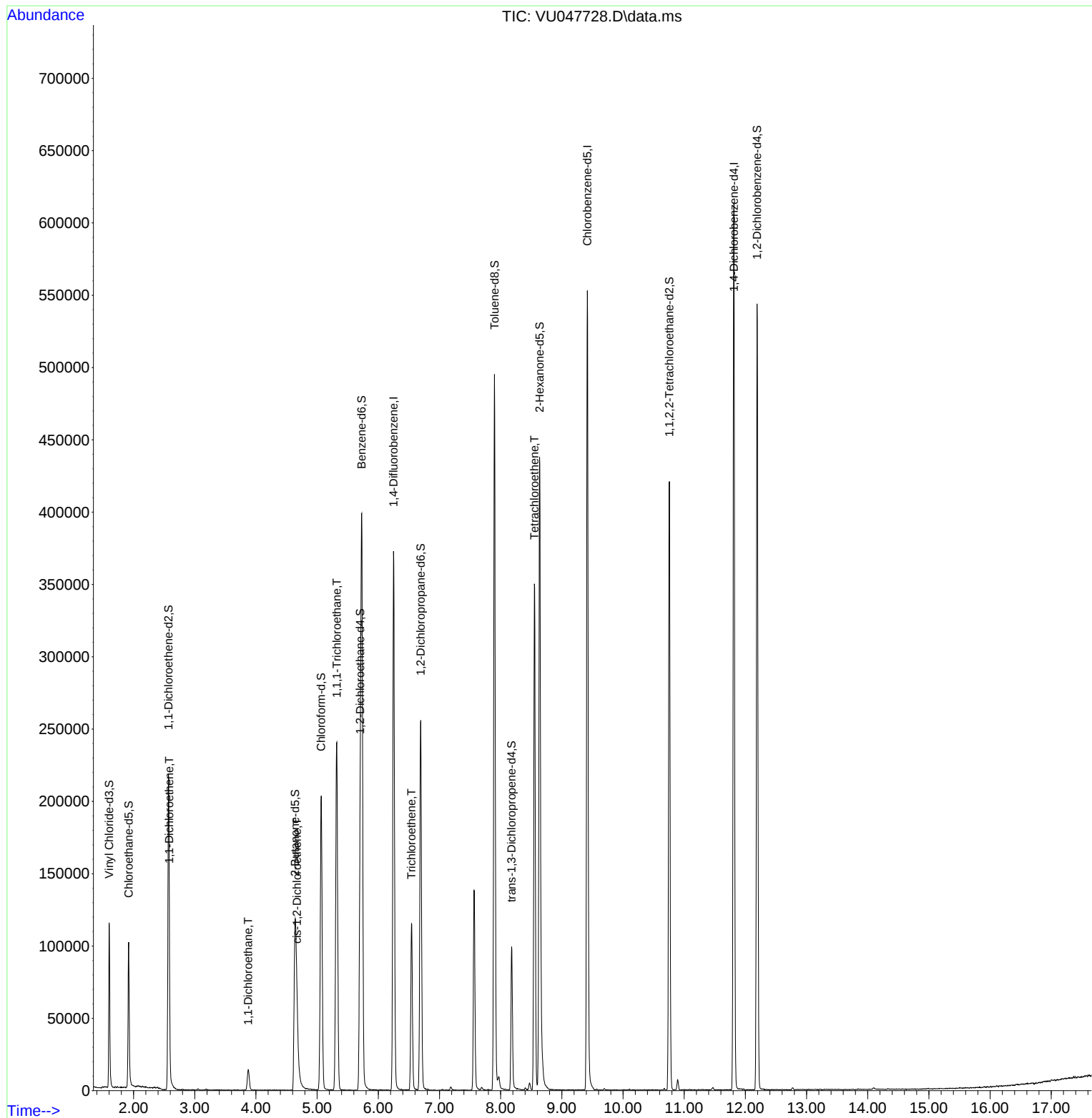
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310873	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	325500	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84722	37.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.160%
7) Chloroethane-d5	1.919	69	75900	42.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.572	63	126997	30.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.580%
21) 2-Butanone-d5	4.639	46	228261	117.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.970%
24) Chloroform-d	5.067	84	188234	45.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
26) 1,2-Dichloroethane-d4	5.703	65	124641	49.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
32) Benzene-d6	5.729	84	372587	45.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.980%
36) 1,2-Dichloropropane-d6	6.694	67	120661	47.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.899	98	332464	41.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	8.179	79	56141	44.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.120%
47) 2-Hexanone-d5	8.636	63	163426	110.985	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.990%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205265	47.550	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	151654	49.094	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	5331	2.500	ug/L	# 1
19) 1,1-Dichloroethane	3.874	63	16889	4.258	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	8383	3.324	ug/L	91
30) 1,1,1-Trichloroethane	5.321	97	174551	47.293	ug/L	100
34) Trichloroethene	6.543	95	38000	15.384	ug/L	100
46) Tetrachloroethene	8.552	164	83147	37.458	ug/L	99

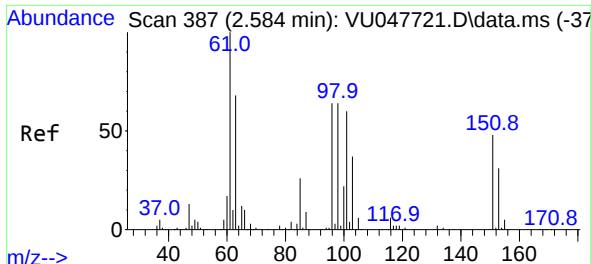
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 29 01:43:13 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.500 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047728.D

Acq: 28 Mar 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EW5Y1DL

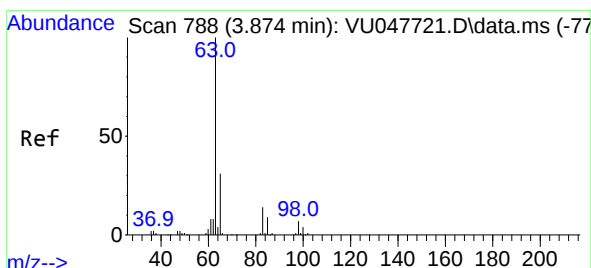
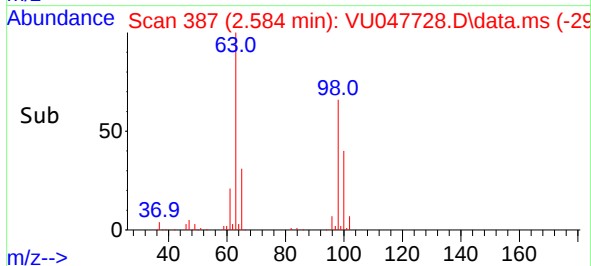
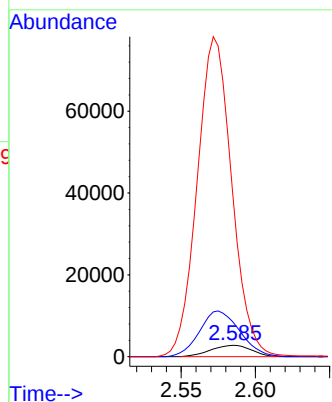
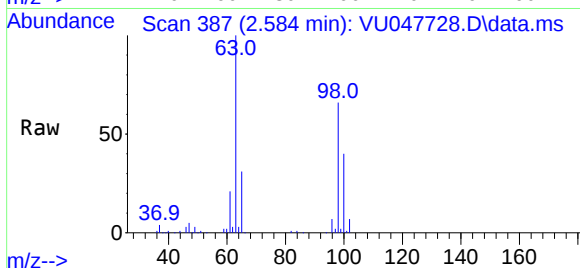
Tgt Ion: 96 Resp: 5331

Ion Ratio Lower Upper

96 100

61 310.1 113.1 210.1#

63 1456.3 94.8 176.0#



#19

1,1-Dichloroethane

Concen: 4.258 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047728.D

Acq: 28 Mar 2022 15:30

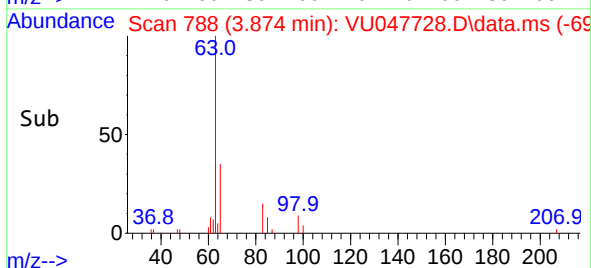
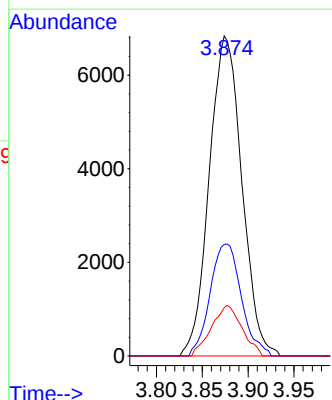
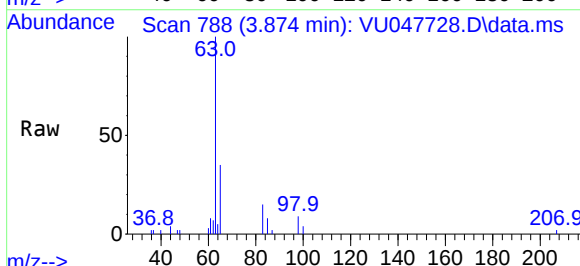
Tgt Ion: 63 Resp: 16889

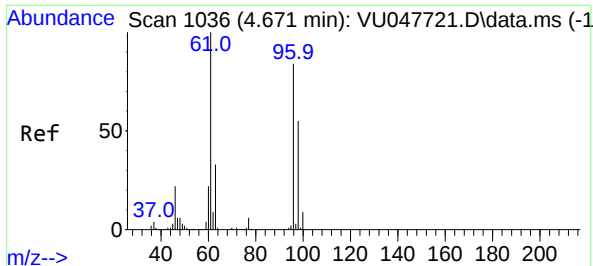
Ion Ratio Lower Upper

63 100

65 34.9 22.0 41.0

83 15.1 9.7 18.1

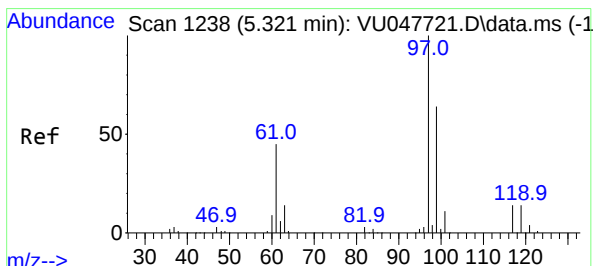
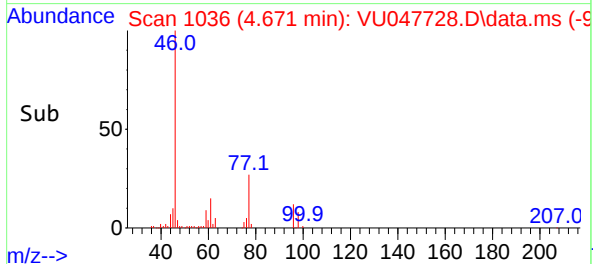
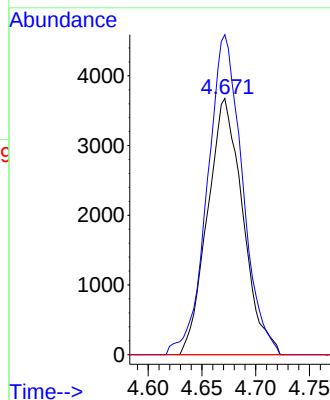
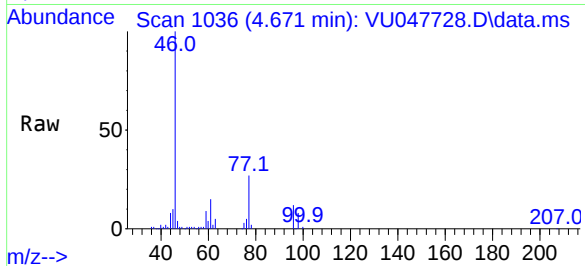




#20
cis-1,2-Dichloroethene
Concen: 3.324 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047728.D
Acq: 28 Mar 2022 15:30

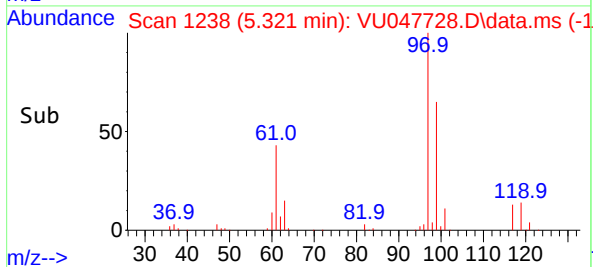
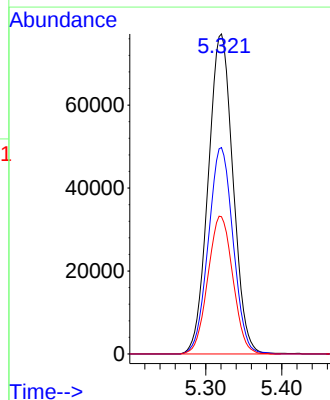
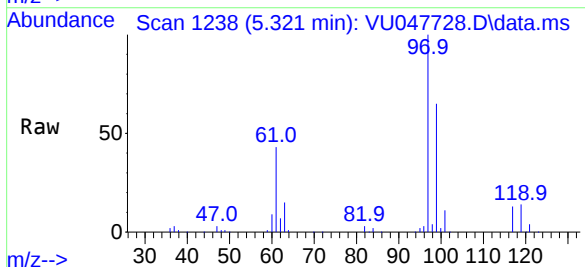
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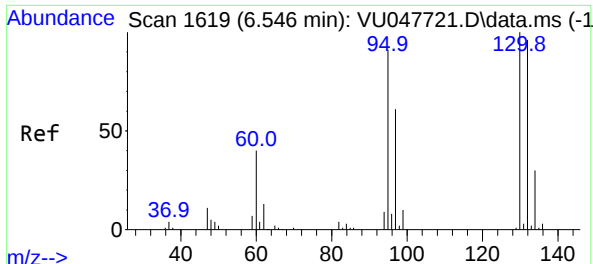
Tgt Ion: 96 Resp: 8383
Ion Ratio Lower Upper
96 100
61 124.9 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 47.293 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047728.D
Acq: 28 Mar 2022 15:30

Tgt Ion: 97 Resp: 174551
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 43.4 34.2 51.4





#34

Trichloroethene

Concen: 15.384 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047728.D

Acq: 28 Mar 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EW5Y1DL

Tgt Ion: 95 Resp: 38000

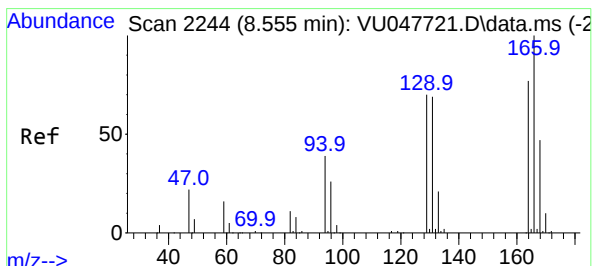
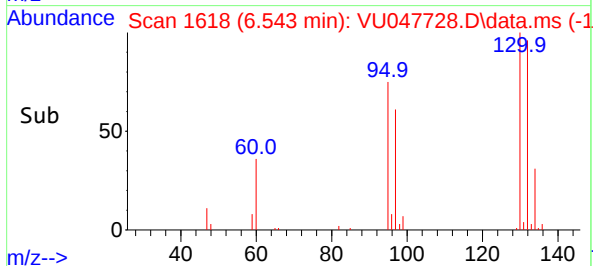
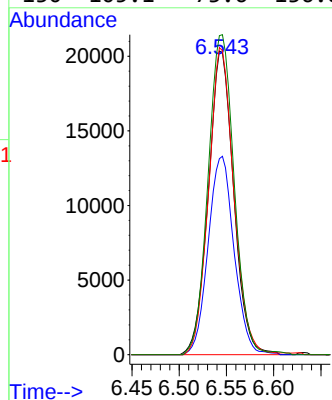
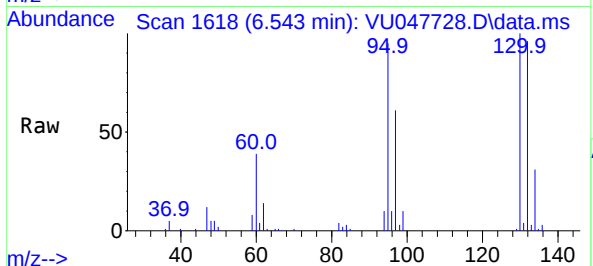
Ion Ratio Lower Upper

95 100

97 64.5 44.7 82.9

132 101.1 70.4 130.8

130 105.1 73.6 136.8



#46

Tetrachloroethene

Concen: 37.458 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047728.D

Acq: 28 Mar 2022 15:30

Tgt Ion: 164 Resp: 83147

Ion Ratio Lower Upper

164 100

129 90.7 62.4 116.0

131 88.0 60.7 112.7

166 127.4 89.0 165.4

