

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031541.D
 Acq On : 15 Jun 2023 19:05
 Operator : SY/MD
 Sample : 03249-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT9

Quant Time: Jun 16 02:51:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

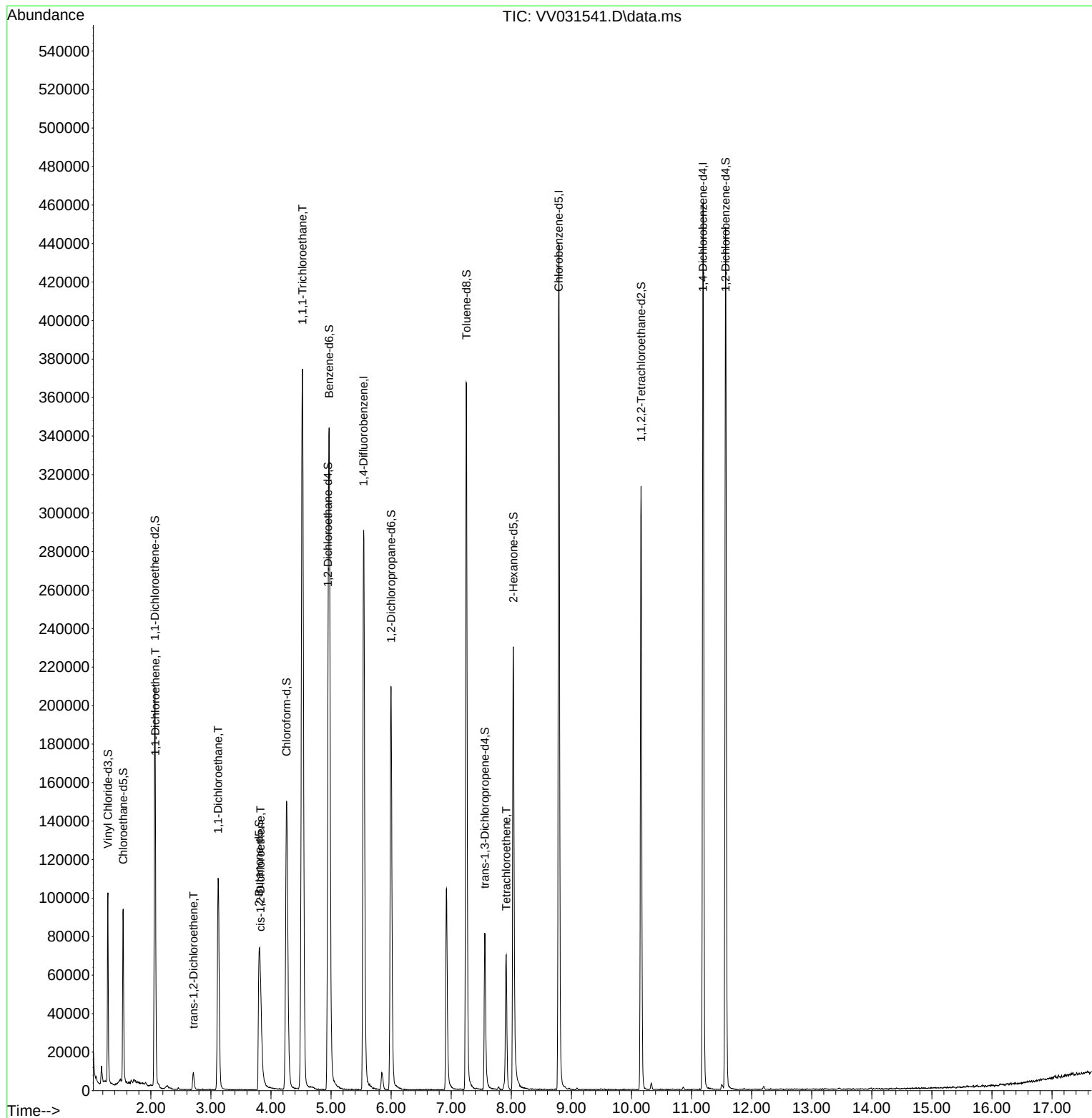
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237279	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	234477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	115439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	64418	40.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.580%
7) Chloroethane-d5	1.539	69	59821	43.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.840%
11) 1,1-Dichloroethene-d2	2.066	65	34061	41.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.700%
21) 2-Butanone-d5	3.802	46	110942	86.762	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.760%
24) Chloroform-d	4.259	84	166246	42.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.080%
26) 1,2-Dichloroethane-d4	4.950	65	112241	45.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.720%
32) Benzene-d6	4.969	84	293215	44.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
36) 1,2-Dichloropropane-d6	5.998	67	105475	45.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.180%
41) Toluene-d8	7.252	98	249339	41.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.340%
43) trans-1,3-Dichloroprop...	7.558	79	49145	43.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
47) 2-Hexanone-d5	8.033	63	83534	90.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	150213	42.543	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	11.567	152	110555	50.242	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	10576	6.024	ug/L	# 1
17) trans-1,2-Dichloroethene	2.709	96	3539	1.931	ug/L	88
19) 1,1-Dichloroethane	3.120	63	114712	29.002	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	15306	7.728	ug/L	91
30) 1,1,1-Trichloroethane	4.522	97	325552	86.598	ug/L	100
46) Tetrachloroethene	7.915	164	14880	9.088	ug/L	93

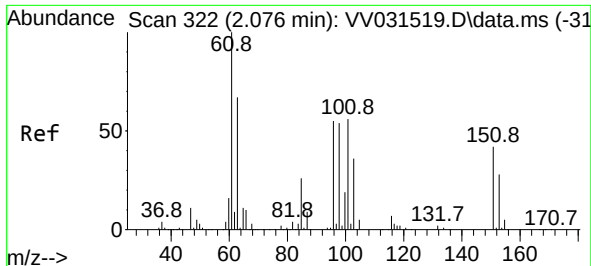
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 16 02:44:48 2023
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#12

1,1-Dichloroethene

Concen: 6.024 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

EXYT9

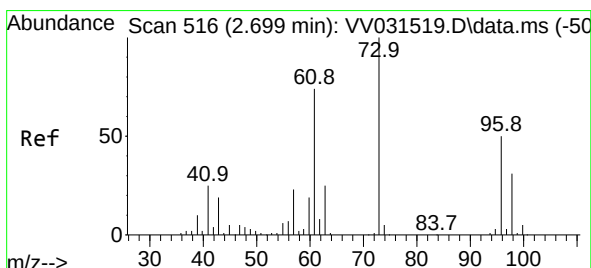
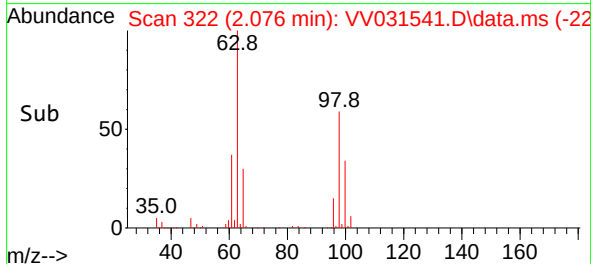
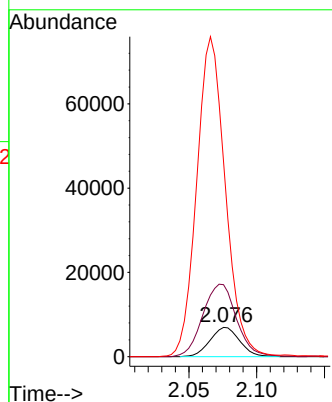
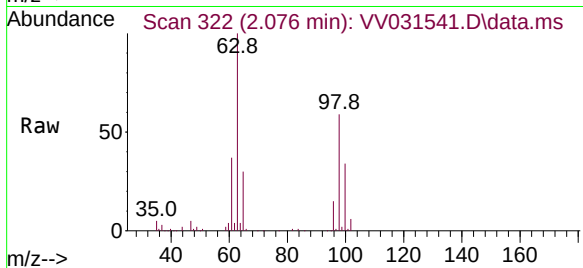
Tgt Ion: 96 Resp: 10576

Ion Ratio Lower Upper

96 100

61 223.6 128.9 239.5

63 605.2 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 1.931 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.010 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

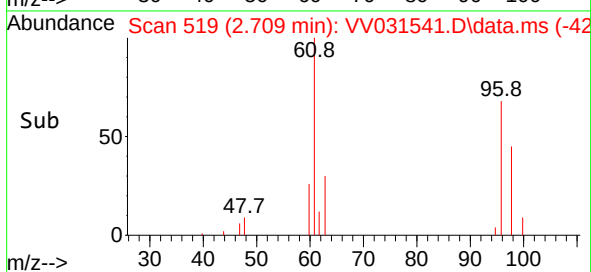
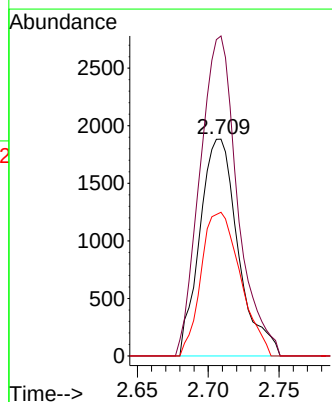
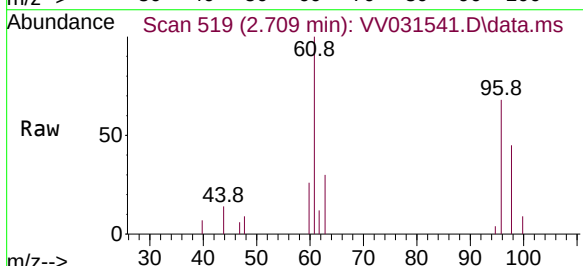
Tgt Ion: 96 Resp: 3539

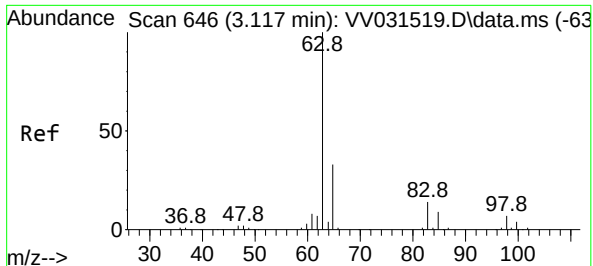
Ion Ratio Lower Upper

96 100

61 165.2 102.5 190.3

98 66.3 44.1 81.9





#19

1,1-Dichloroethane

Concen: 29.002 ug/L

RT: 3.120 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

EXYT9

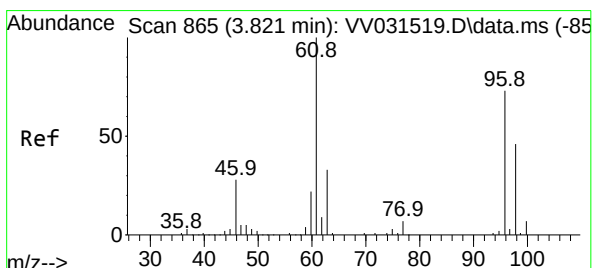
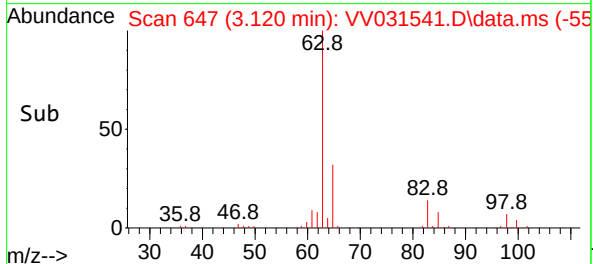
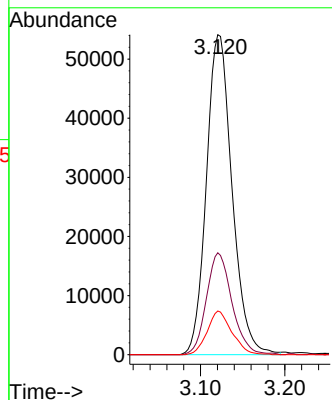
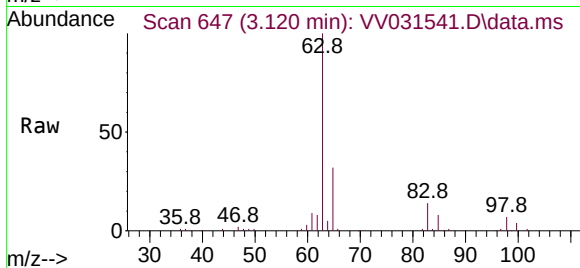
Tgt Ion: 63 Resp: 114712

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.7

83 14.3 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 7.728 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

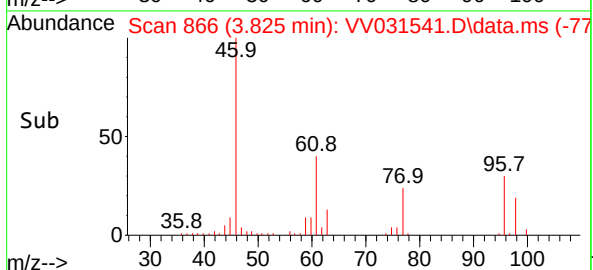
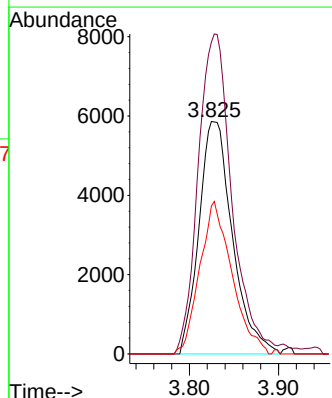
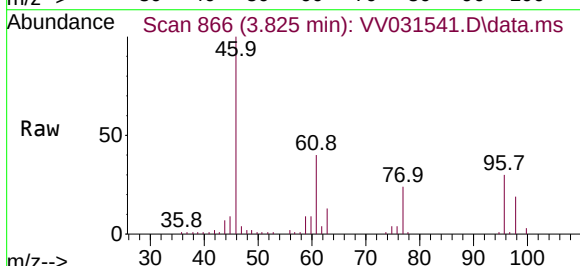
Tgt Ion: 96 Resp: 15306

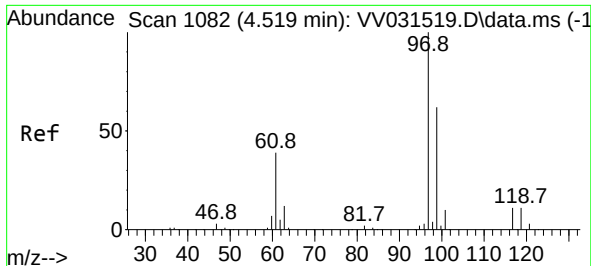
Ion Ratio Lower Upper

96 100

61 128.6 98.6 183.0

98 61.0 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 86.598 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

EXYT9

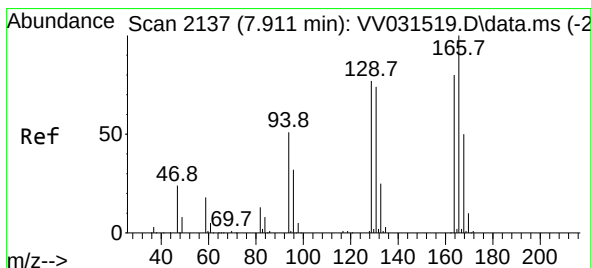
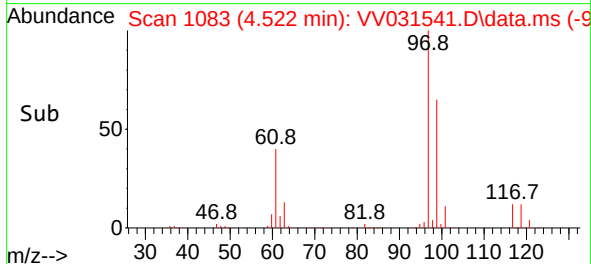
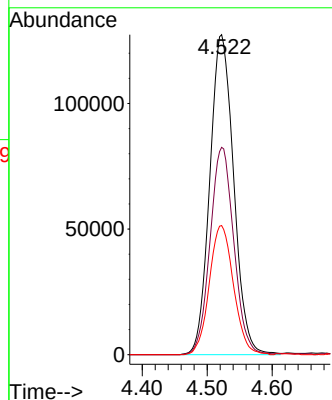
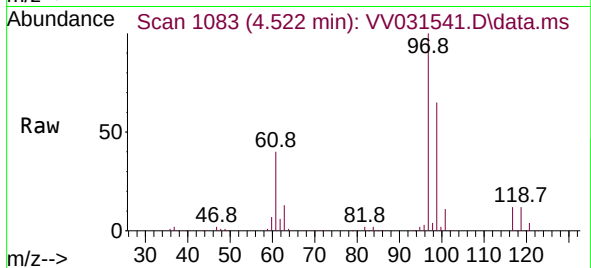
Tgt Ion: 97 Resp: 325552

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 40.9 33.0 49.6



#46

Tetrachloroethene

Concen: 9.088 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031541.D

Acq: 15 Jun 2023 19:05

Tgt Ion:164 Resp: 14880

Ion Ratio Lower Upper

164 100

129 104.7 68.4 127.0

131 98.1 67.6 125.6

166 142.6 91.3 169.5

