

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028793.D
 Acq On : 31 Oct 2022 20:19
 Operator : SY/MD
 Sample : N5321-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWW1

Quant Time: Nov 01 04:58:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

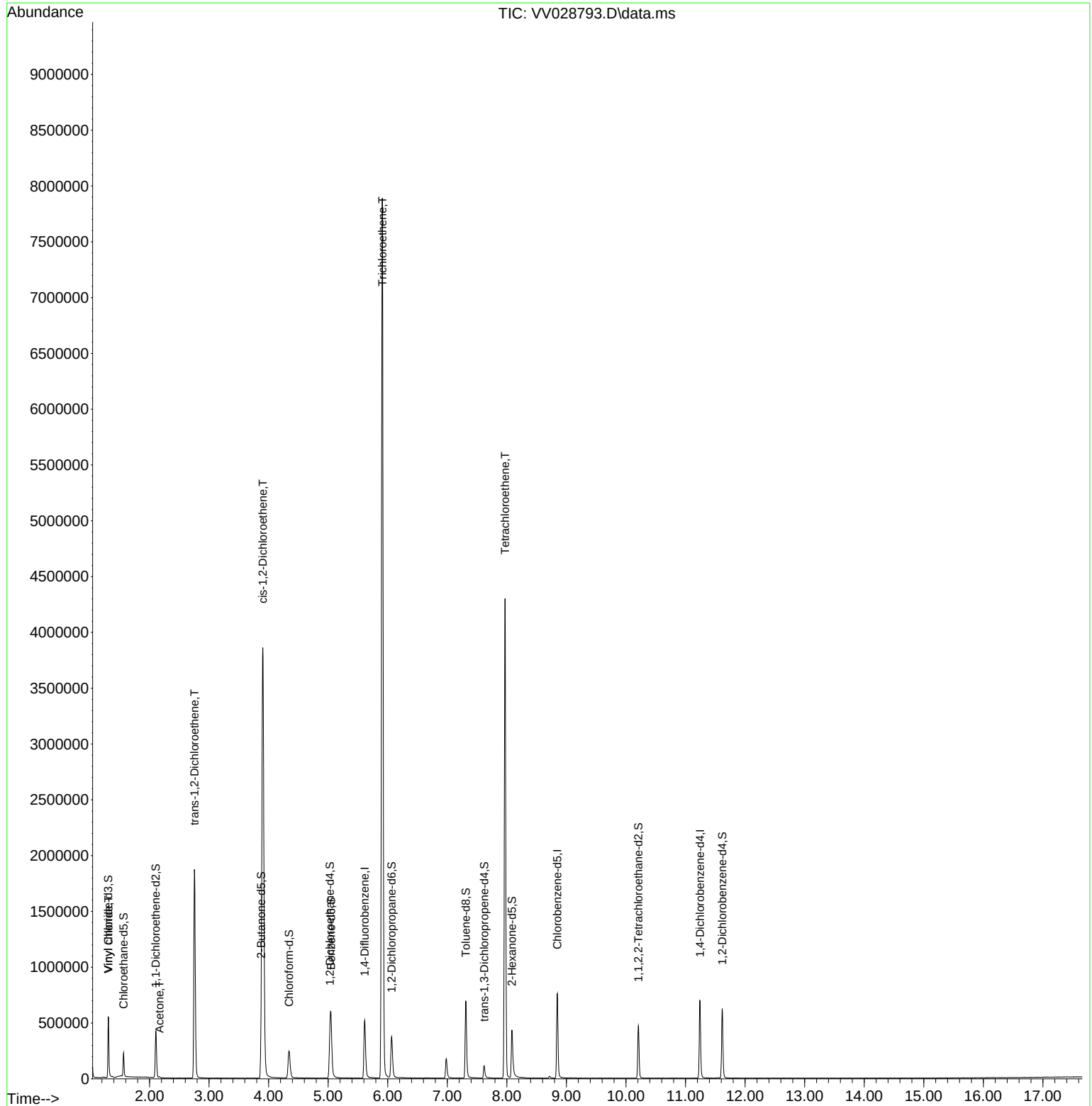
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	408869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	377393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	161474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	132081	34.077	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.160%	
7) Chloroethane-d5	1.564	69	129793	39.172	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.340%	
11) 1,1-Dichloroethene-d2	2.105	63	224022	30.384	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.760%	
21) 2-Butanone-d5	3.873	46	252683	89.557	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.560%	
24) Chloroform-d	4.343	84	240373	41.119	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.240%	
26) 1,2-Dichloroethane-d4	5.027	65	171091	44.253	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.500%	
32) Benzene-d6	5.047	84	505033	42.867	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.740%	
36) 1,2-Dichloropropane-d6	6.066	67	177130	43.793	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.580%	
41) Toluene-d8	7.310	98	430768	41.591	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.180%	
43) trans-1,3-Dichloroprop...	7.619	79	60526	38.962	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.920%	
47) 2-Hexanone-d5	8.085	63	156352	85.539	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.540%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	228302	42.805	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	144491	45.333	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.660%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.310	62	262908	57.193	ug/L	99
13) Acetone	2.166	43	8518	3.118	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	625611	212.089	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	1946080	597.940	ug/L #	100
34) Trichloroethene	5.908	95	2655174	854.563	ug/L	97
46) Tetrachloroethene	7.969	164	825369	383.284	ug/L	99

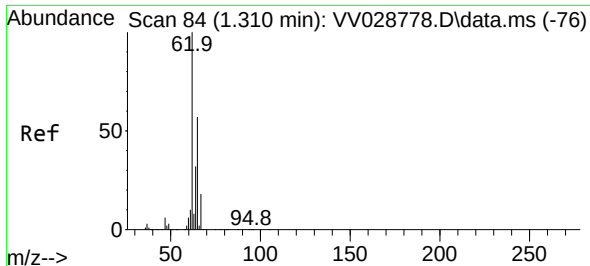
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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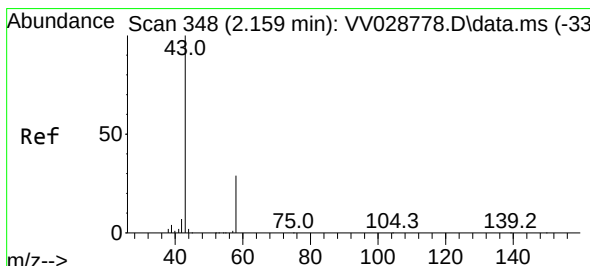
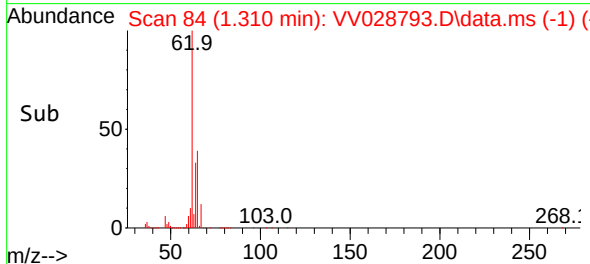
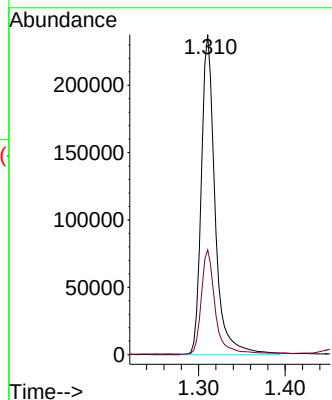
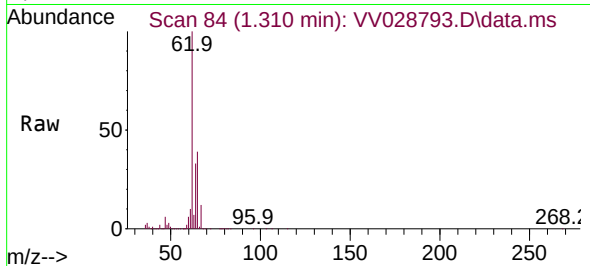




#5
 Vinyl chloride
 Concen: 57.193 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028793.D
 Acq: 31 Oct 2022 20:19

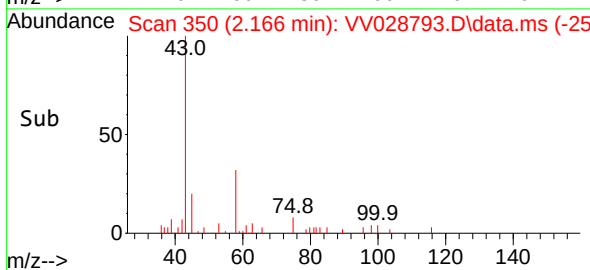
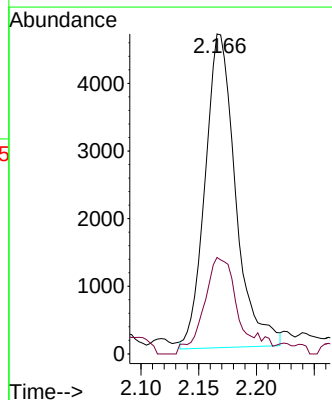
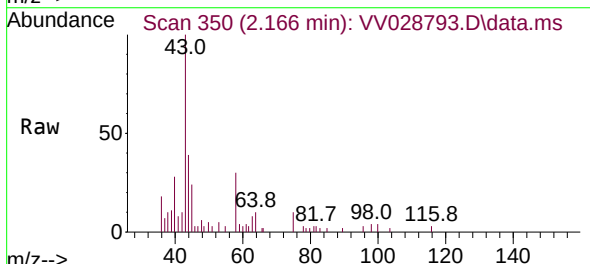
Instrument :
 MSVOA_V
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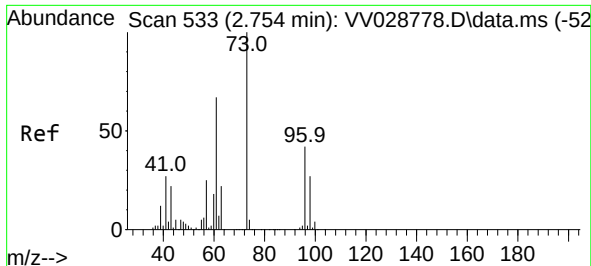
Tgt Ion: 62 Resp: 262908
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#13
 Acetone
 Concen: 3.118 ug/L
 RT: 2.166 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VV028793.D
 Acq: 31 Oct 2022 20:19

Tgt Ion: 43 Resp: 8518
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 59.0

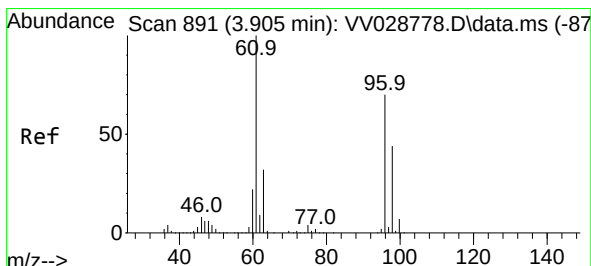
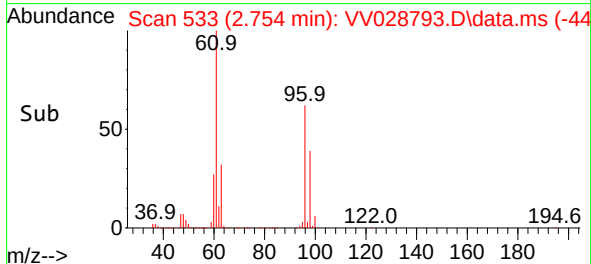
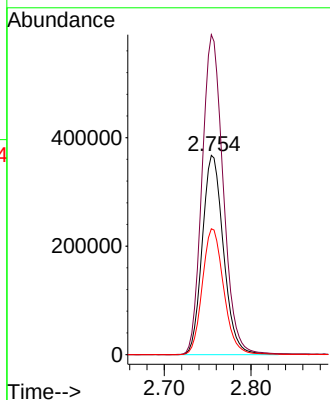
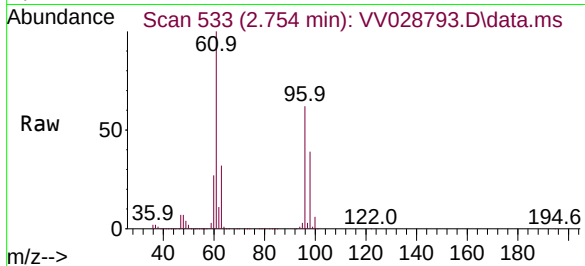




#17
trans-1,2-Dichloroethene
Concen: 212.089 ug/L
RT: 2.754 min Scan# 531
Delta R.T. 0.000 min
Lab File: VV028793.D
Acq: 31 Oct 2022 20:19

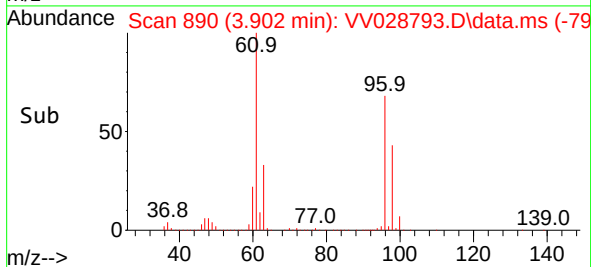
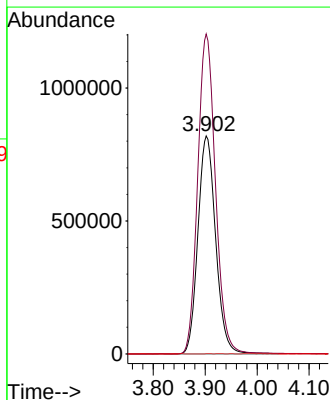
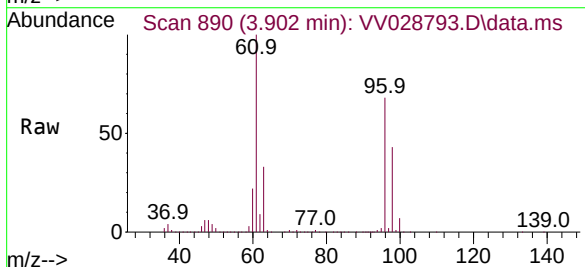
Instrument :
MSVOA_V
ClientSampleId :
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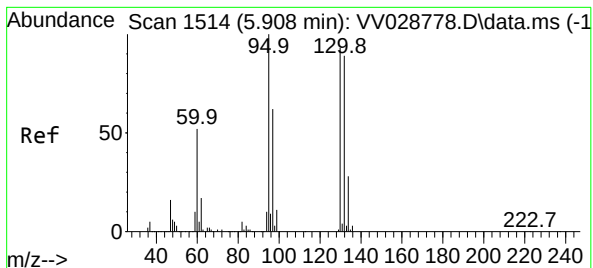
Tgt Ion: 96 Resp: 625611
Ion Ratio Lower Upper
96 100
61 160.5 109.4 203.2
98 63.1 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 597.940 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028793.D
Acq: 31 Oct 2022 20:19

Tgt Ion: 96 Resp: 1946080
Ion Ratio Lower Upper
96 100
61 146.8 102.3 190.1
68 0.0 0.1 0.3#





#34

Trichloroethene

Concen: 854.563 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028793.D

Acq: 31 Oct 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

DBWW1

Tgt Ion: 95 Resp: 2655174

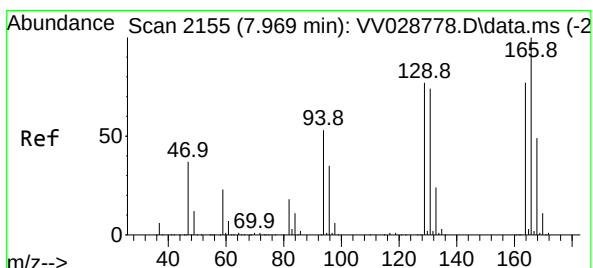
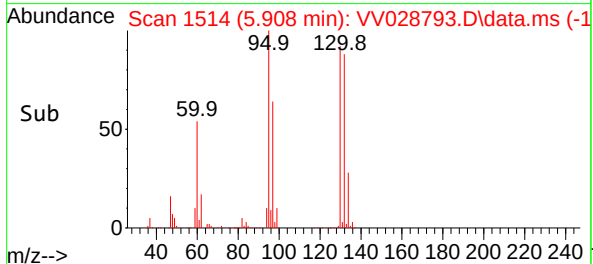
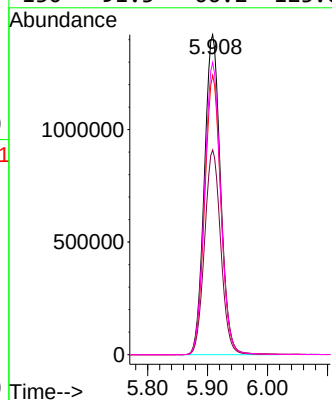
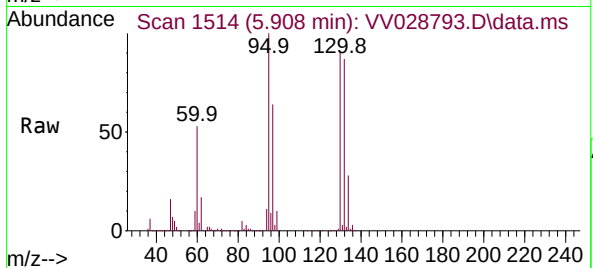
Ion Ratio Lower Upper

95 100

97 64.0 46.2 85.8

132 87.3 63.2 117.4

130 91.3 66.2 123.0



#46

Tetrachloroethene

Concen: 383.284 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028793.D

Acq: 31 Oct 2022 20:19

Tgt Ion:164 Resp: 825369

Ion Ratio Lower Upper

164 100

129 100.3 69.5 129.1

131 96.9 66.4 123.2

166 127.9 88.5 164.3

