

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031381.D
 Acq On : 06 Jun 2023 17:27
 Operator : SY/MD
 Sample : 02990-12 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C43

Quant Time: Jun 07 02:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

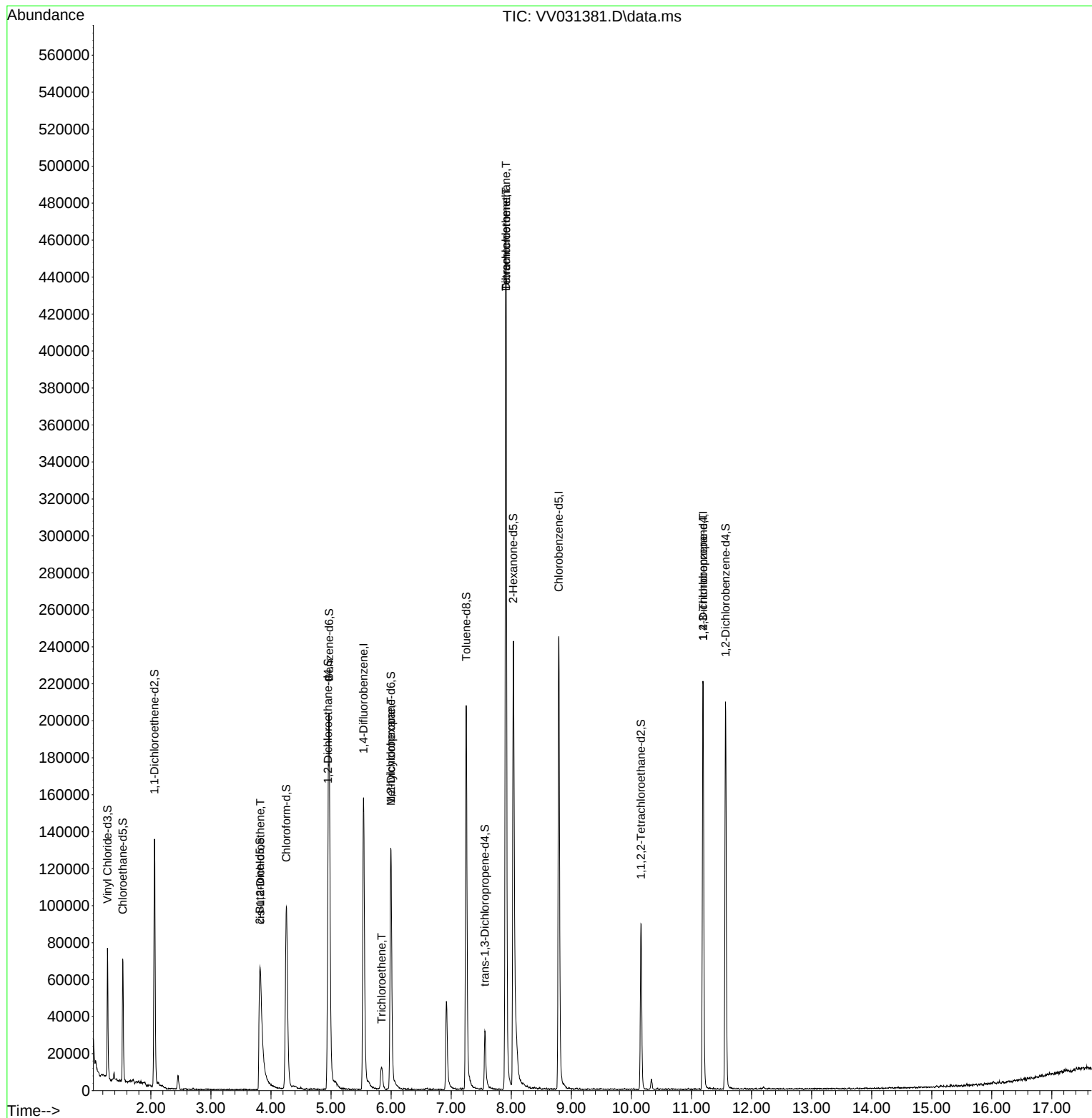
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	130526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	133794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45194	3.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.532	69	43570	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.060	65	24442	3.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.815	46	134360	43.721	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	4.256	84	106361	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.950	65	55350	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.969	84	177767	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.995	67	63466	4.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.249	98	143442	3.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.561	79	19848	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.034	63	86020	42.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.620%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44108	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	52659	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.822	96	4615	0.394	ug/L	89
34) Trichloroethene	5.844	95	2883	0.224	ug/L	92
35) Methylcyclohexane	5.998	83	14405	0.752	ug/L #	13
47) Tetrachloroethene	7.911	164	107608	10.738	ug/L	98
49) Dibromochloromethane	7.911	129	98075	9.233	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7032	0.963	ug/L #	67

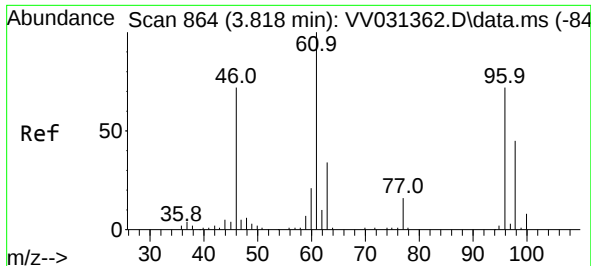
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.394 ug/L

RT: 3.822 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV031381.D

Acq: 06 Jun 2023 17:27

Instrument :

MSVOA_V

ClientSampleId :

F6C43

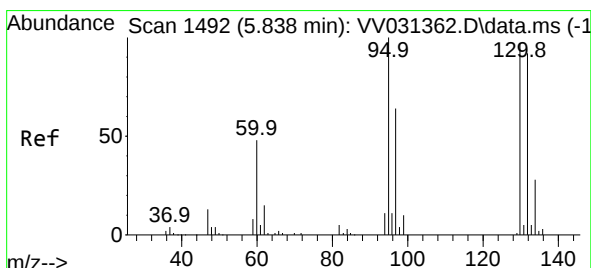
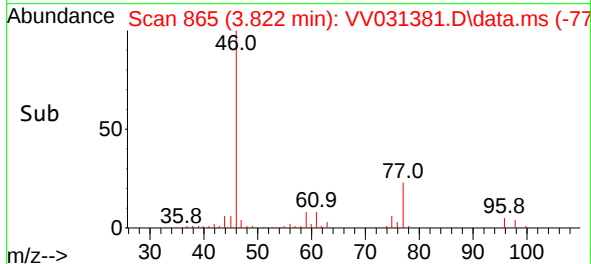
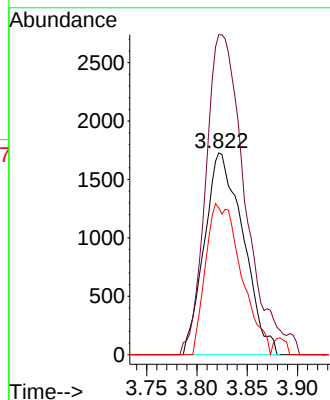
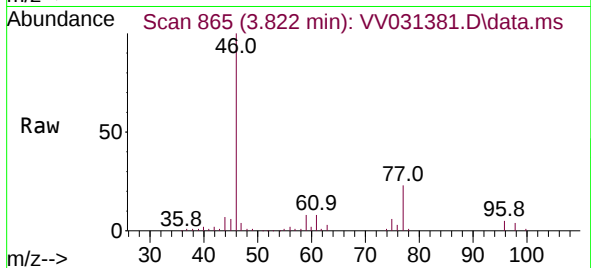
Tgt Ion: 96 Resp: 4615

Ion Ratio Lower Upper

96 100

61 158.7 100.8 187.2

98 72.8 45.1 83.9



#34

Trichloroethene

Concen: 0.224 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV031381.D

Acq: 06 Jun 2023 17:27

Tgt Ion: 95 Resp: 2883

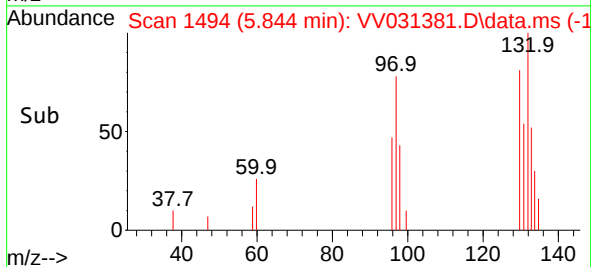
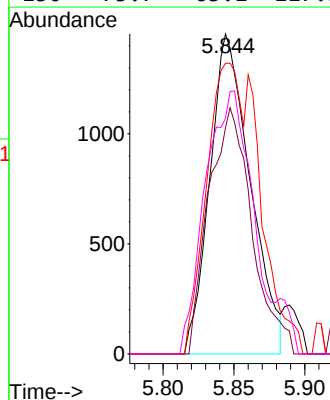
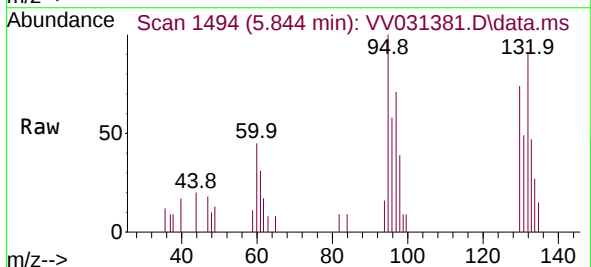
Ion Ratio Lower Upper

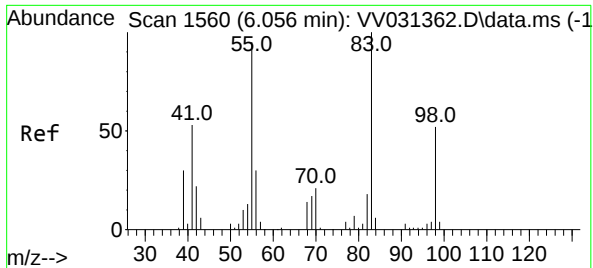
95 100

97 70.6 46.1 85.5

132 90.9 64.5 119.9

130 73.7 63.1 117.1

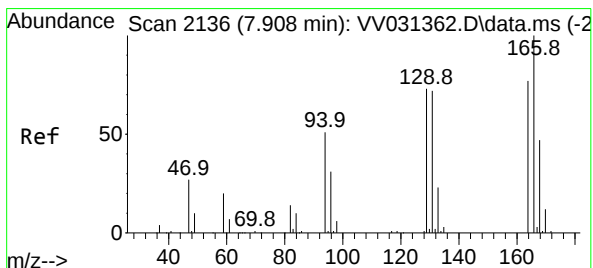
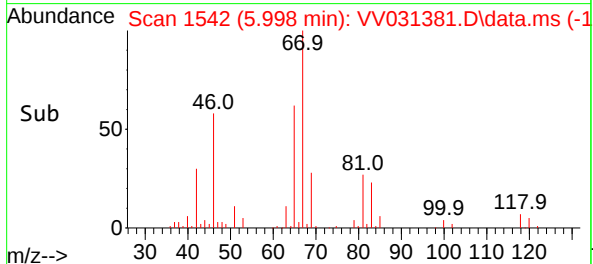
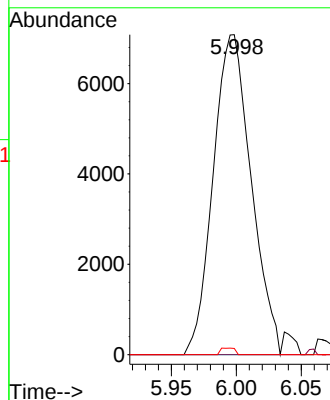
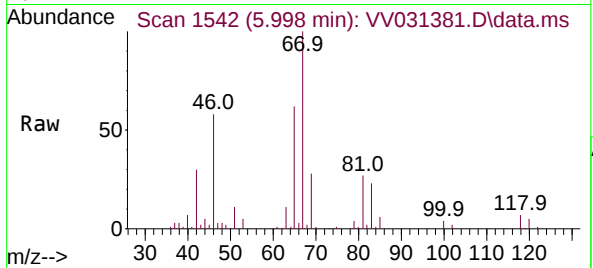




#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV031381.D
Acq: 06 Jun 2023 17:27

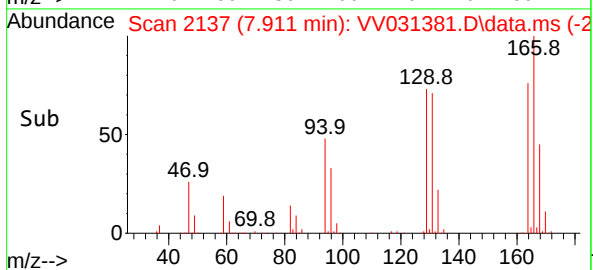
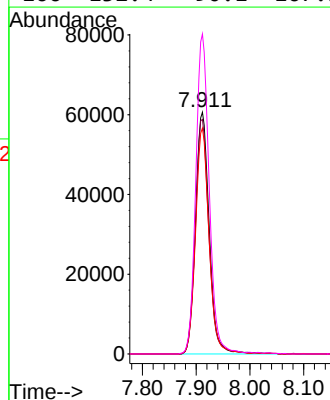
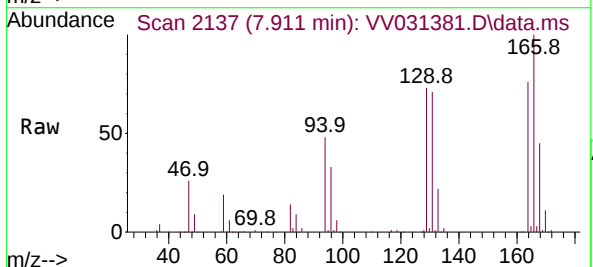
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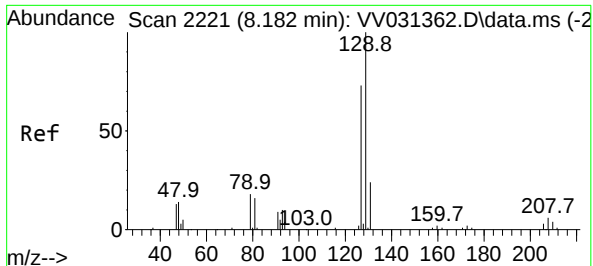
Tgt Ion: 83 Resp: 14405
Ion Ratio Lower Upper
83 100
55 0.3 74.6 112.0#
98 0.8 36.5 54.7#



#47
Tetrachloroethene
Concen: 10.738 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031381.D
Acq: 06 Jun 2023 17:27

Tgt Ion: 164 Resp: 107608
Ion Ratio Lower Upper
164 100
129 97.0 66.0 122.6
131 93.4 65.3 121.3
166 132.4 90.1 167.3





#49

Dibromochloromethane

Concen: 9.233 ug/L

RT: 7.911 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV031381.D

Acq: 06 Jun 2023 17:27

Instrument :

MSVOA_V

ClientSampleId :

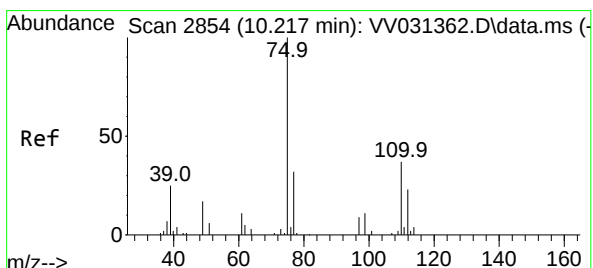
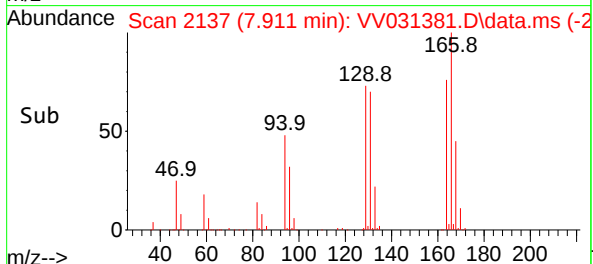
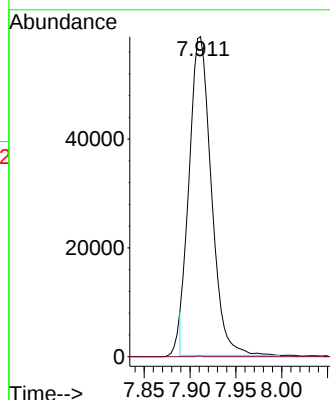
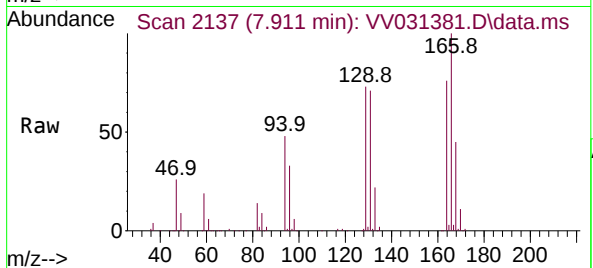
F6C43

Tgt Ion:129 Resp: 98075

Ion Ratio Lower Upper

129 100

127 0.2 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.963 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV031381.D

Acq: 06 Jun 2023 17:27

Tgt Ion: 75 Resp: 7032

Ion Ratio Lower Upper

75 100

77 37.9 27.3 40.9

110 2.9 29.4 44.0#

