

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052843.D
 Acq On : 27 Jan 2023 13:50
 Operator : JC/MD
 Sample : 01295-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LC7

Quant Time: Jan 27 22:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

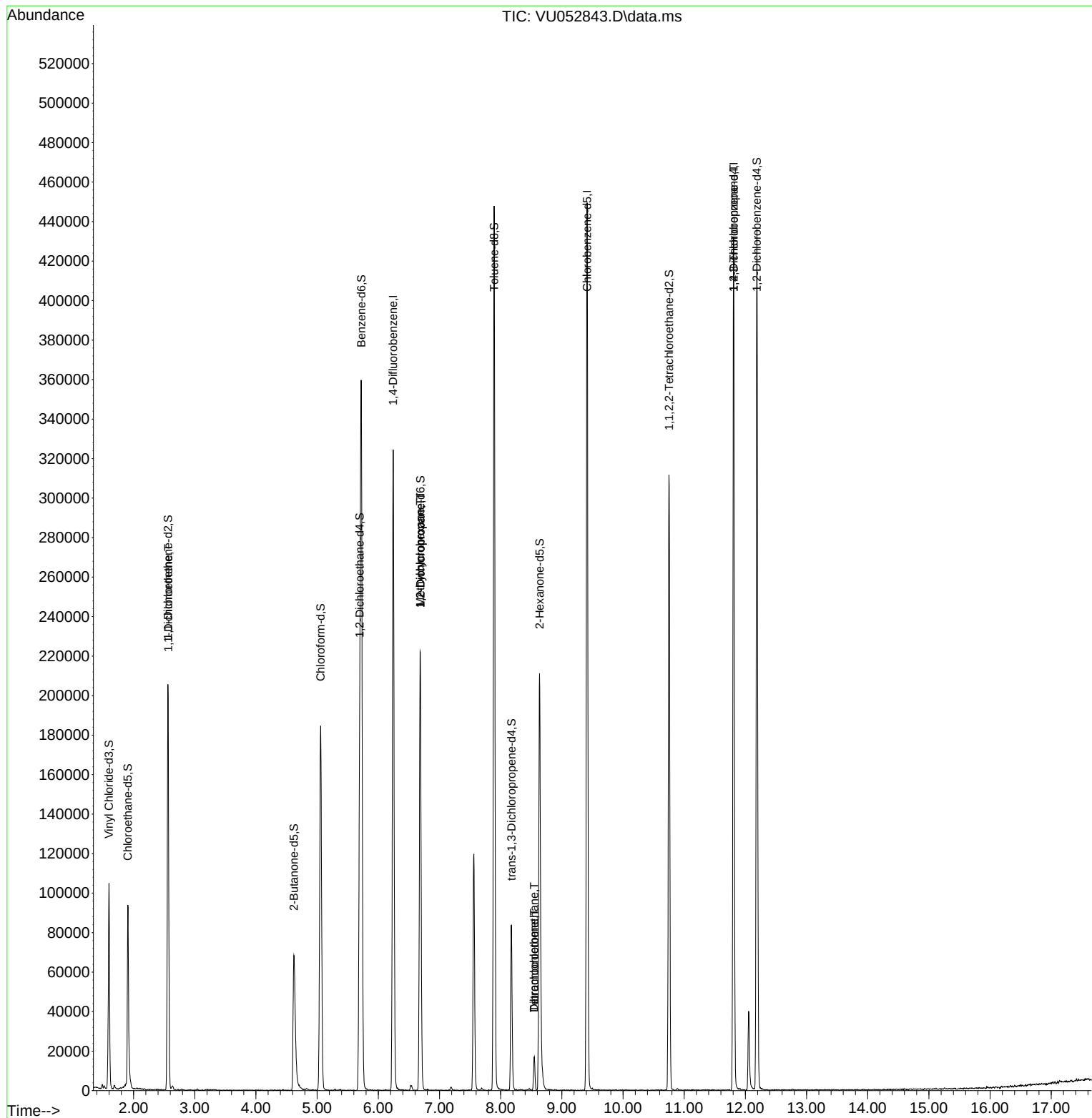
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	268602	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	258499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75633	39.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.240%		
7) Chloroethane-d5	1.906	69	69096	43.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.760%		
11) 1,1-Dichloroethene-d2	2.562	63	121530	31.605	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.220%		
21) 2-Butanone-d5	4.620	46	107026	89.615	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.620%		
24) Chloroform-d	5.057	84	175795	42.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.220%		
26) 1,2-Dichloroethane-d4	5.697	65	116646	44.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
32) Benzene-d6	5.723	84	342839	43.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
36) 1,2-Dichloropropane-d6	6.687	67	101906	43.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.000%		
41) Toluene-d8	7.893	98	299154	41.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.200%		
43) trans-1,3-Dichloroprop...	8.176	79	48488	41.767	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.540%		
47) 2-Hexanone-d5	8.636	63	72739	89.376	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.380%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	145743	42.588	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.180%		
66) 1,2-Dichlorobenzene-d4	12.189	152	118619	50.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.020%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.565	96	1189	0.598	ug/L #	1
35) Methylcyclohexane	6.684	83	26821	7.577	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12094	5.590	ug/L #	85
46) Tetrachloroethene	8.549	164	4097	2.127	ug/L	94
49) Dibromochloromethane	8.549	129	3799	1.436	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	10638	4.534	ug/L #	61

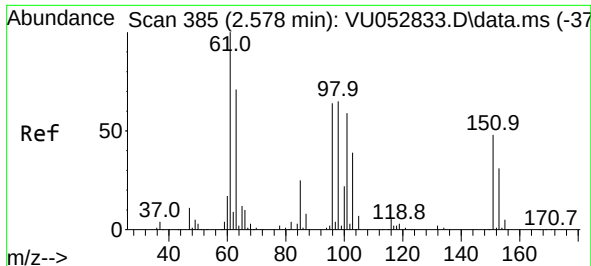
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration

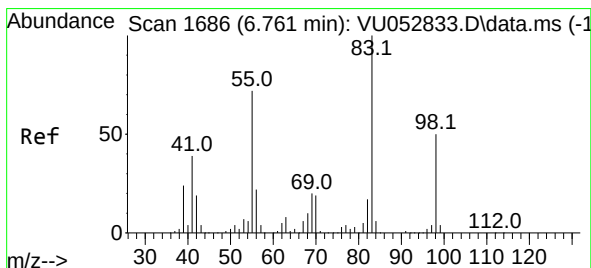
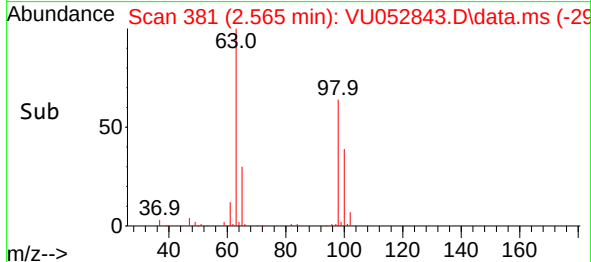
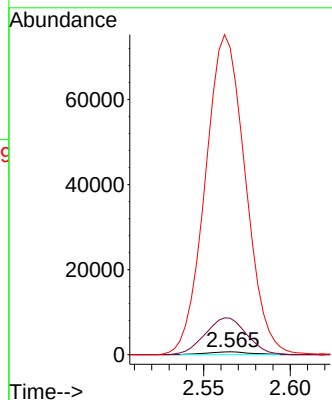
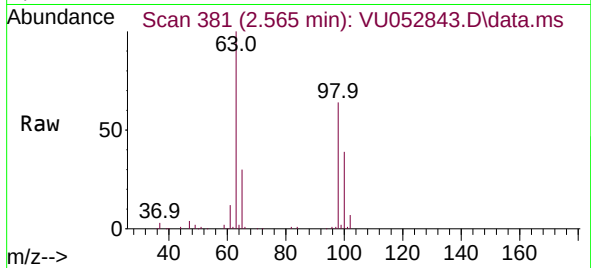




#12
1,1-Dichloroethene
Concen: 0.598 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052843.D
Acq: 27 Jan 2023 13:50

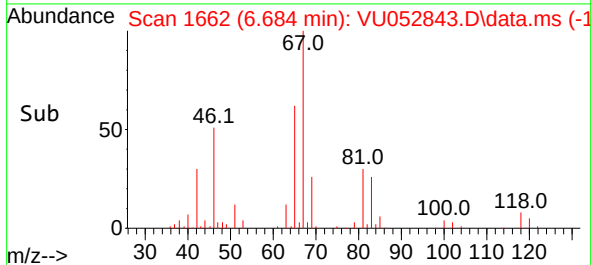
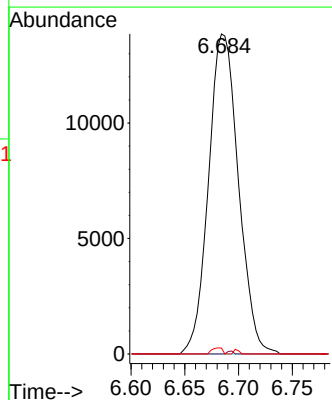
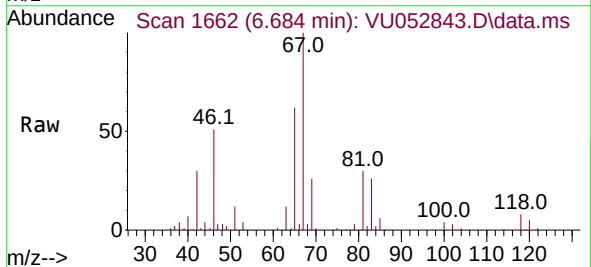
Instrument :
MSVOA_U
ClientSampleId :
COLC7

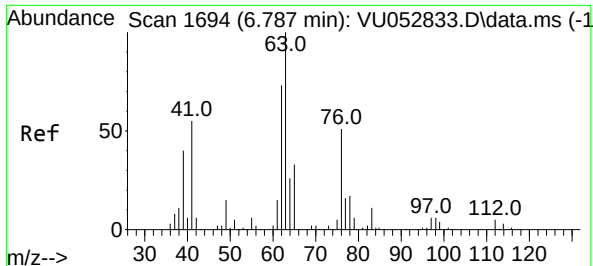
Tgt Ion: 96 Resp: 1189
Ion Ratio Lower Upper
96 100
61 1266.0 114.3 212.3#
63 10674.2 80.6 149.6#



#35
Methylcyclohexane
Concen: 7.577 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU052843.D
Acq: 27 Jan 2023 13:50

Tgt Ion: 83 Resp: 26821
Ion Ratio Lower Upper
83 100
55 0.0 57.1 85.7#
98 0.7 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.590 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052843.D

Acq: 27 Jan 2023 13:50

Instrument :

MSVOA_U

ClientSampleId :

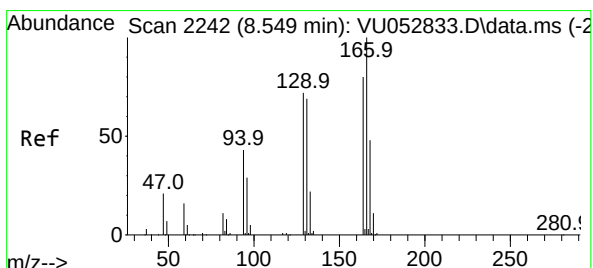
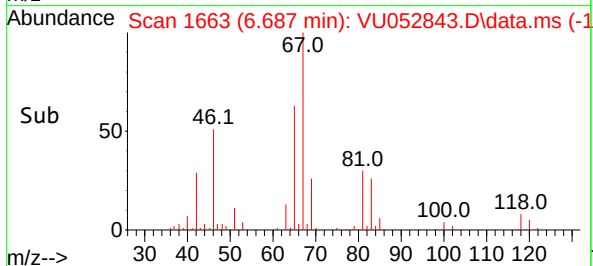
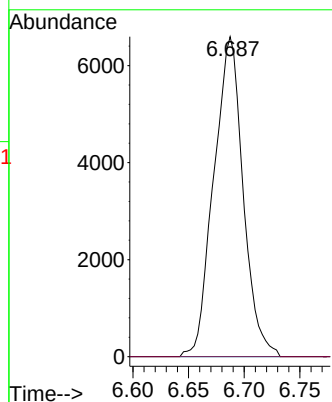
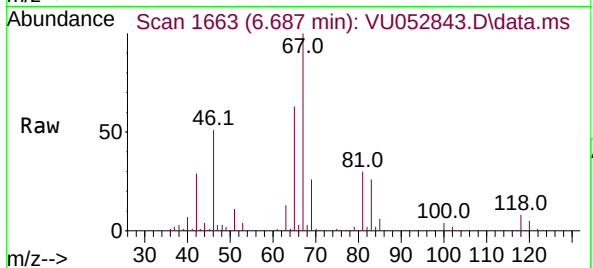
C0LC7

Tgt Ion: 63 Resp: 12094

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#46

Tetrachloroethene

Concen: 2.127 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052843.D

Acq: 27 Jan 2023 13:50

Tgt Ion:164 Resp: 4097

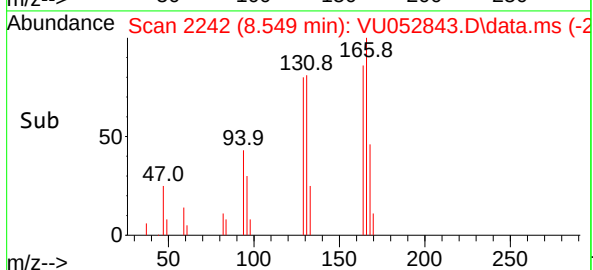
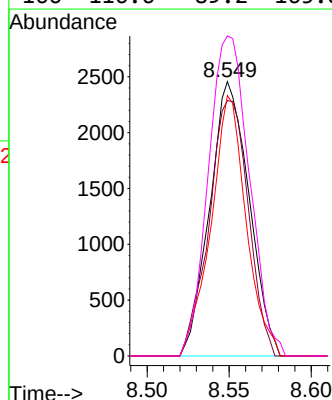
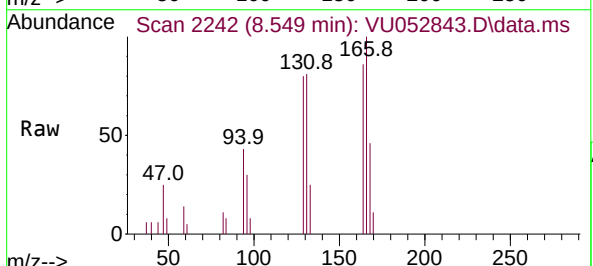
Ion Ratio Lower Upper

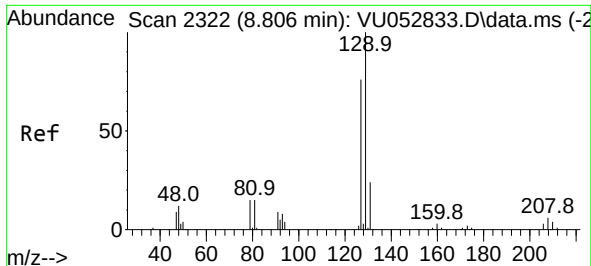
164 100

129 93.0 64.8 120.3

131 94.8 61.2 113.6

166 116.6 89.2 165.8





#49

Dibromochloromethane

Concen: 1.436 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052843.D

Acq: 27 Jan 2023 13:50

Instrument :

MSVOA_U

ClientSampleId :

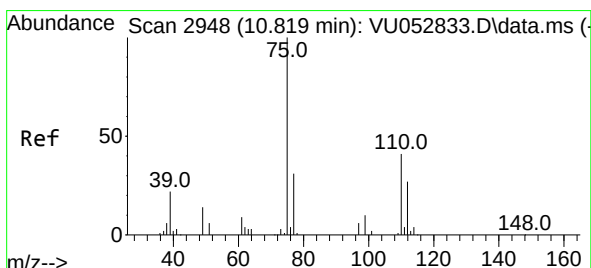
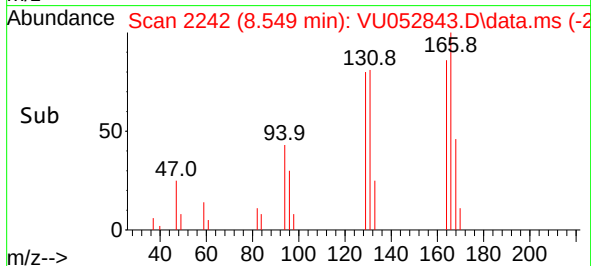
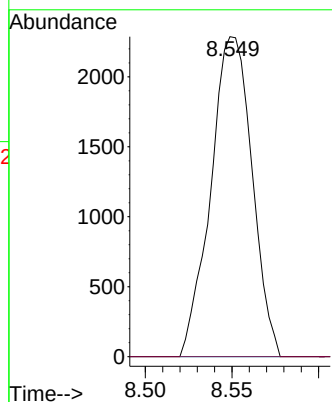
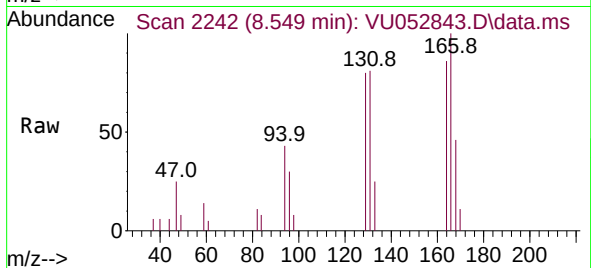
C0LC7

Tgt Ion:129 Resp: 3799

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#60

1,2,3-Trichloropropane

Concen: 4.534 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052843.D

Acq: 27 Jan 2023 13:50

Tgt Ion: 75 Resp: 10638

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8

110 2.5 32.4 48.6#

