

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053039.D
 Acq On : 10 Feb 2023 15:39
 Operator : JC/MD
 Sample : 01512-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B81

Quant Time: Feb 10 23:32:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

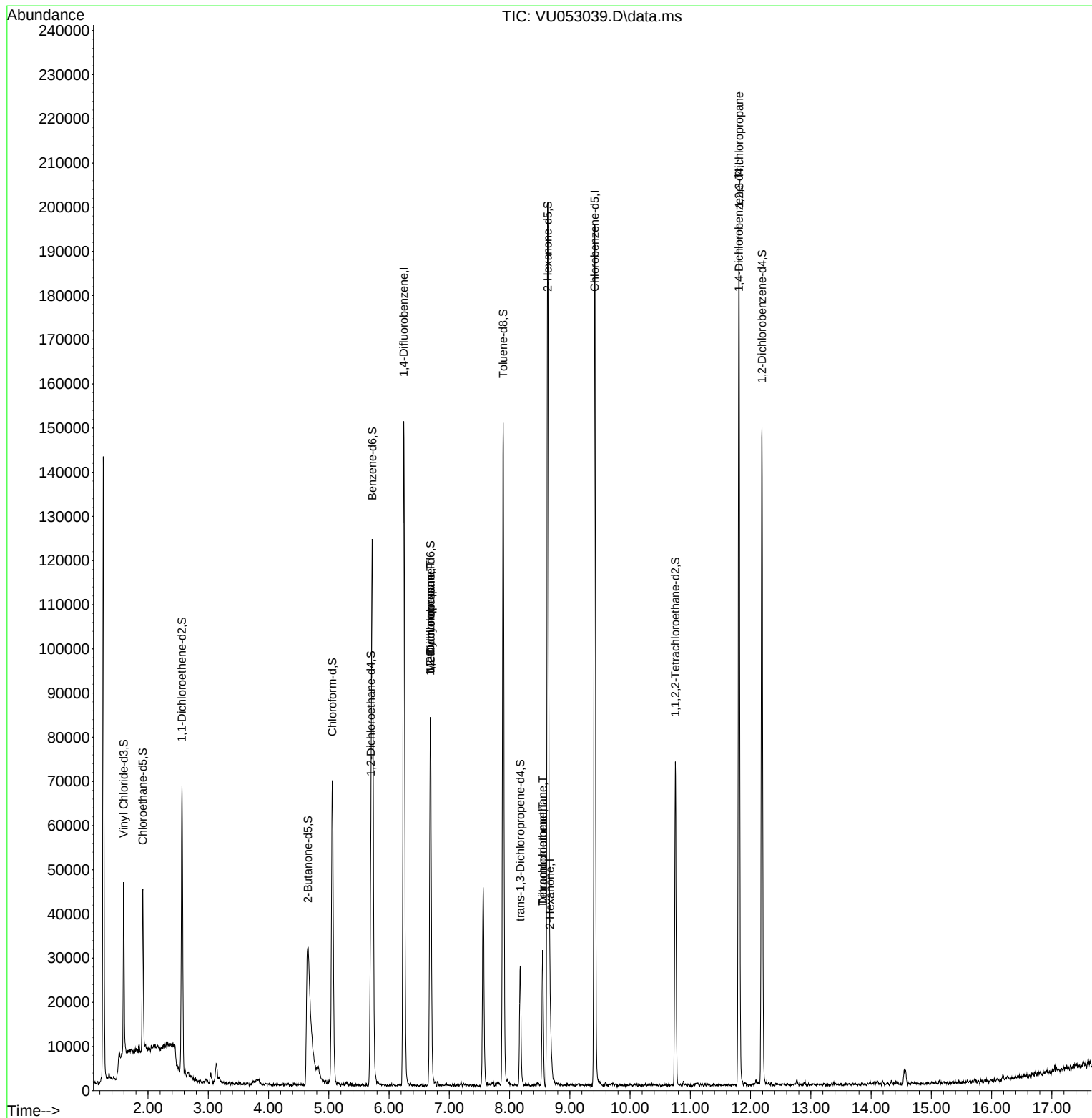
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	122212	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27846	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.913	69	26856	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	12255	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.656	46	92556	51.618	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.240%
24) Chloroform-d	5.058	84	62530	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	32805	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.723	84	118030	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.688	67	41631	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	101506	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	16261	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.633	63	78002	51.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36448	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	37037	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	9736	0.685	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	4345	0.511	ug/L #	90
47) Tetrachloroethene	8.550	164	6215	1.089	ug/L	96
48) 2-Hexanone	8.672	43	4612	1.417	ug/L #	36
49) Dibromochloromethane	8.550	129	6306	0.945	ug/L #	10
61) 1,2,3-Trichloropropane	11.810	75	6772	1.427	ug/L #	69

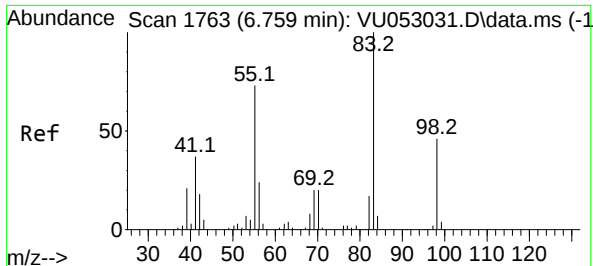
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 10 23:20:41 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053039.D

Acq: 10 Feb 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0B81

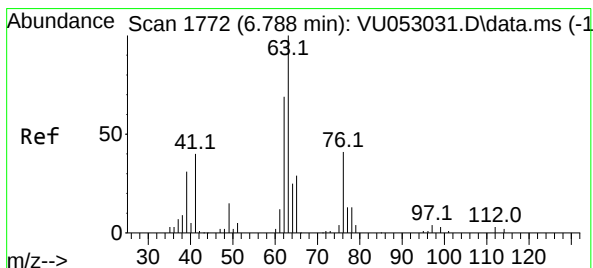
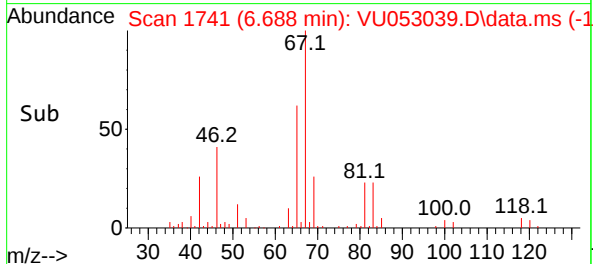
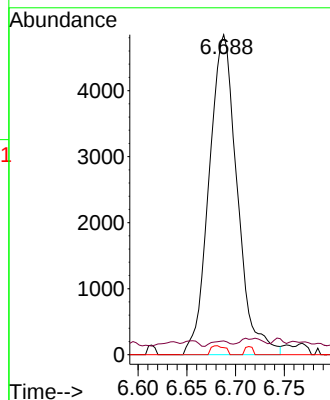
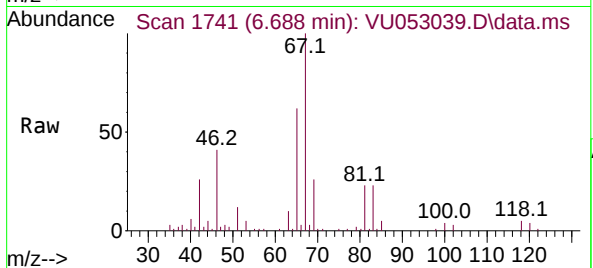
Tgt Ion: 83 Resp: 9736

Ion Ratio Lower Upper

83 100

55 1.0 57.9 86.9#

98 1.4 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.103 min

Lab File: VU053039.D

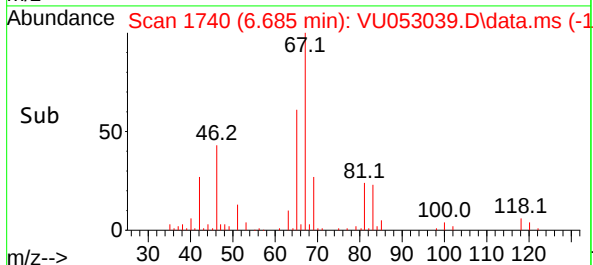
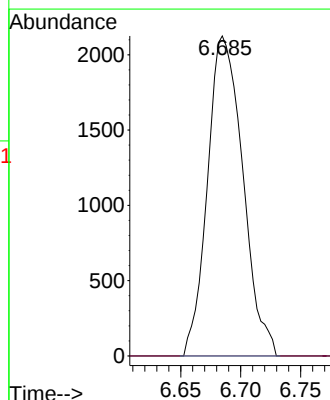
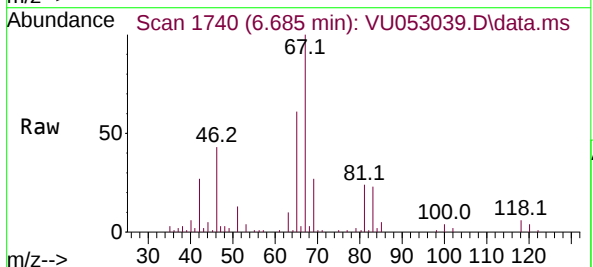
Acq: 10 Feb 2023 15:39

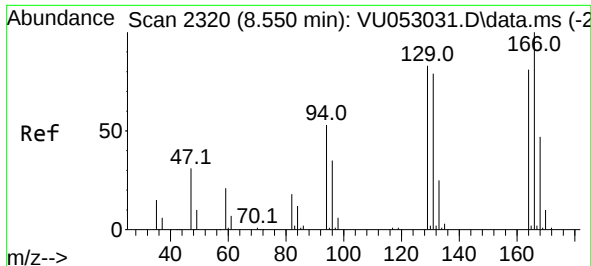
Tgt Ion: 63 Resp: 4345

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 1.089 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053039.D

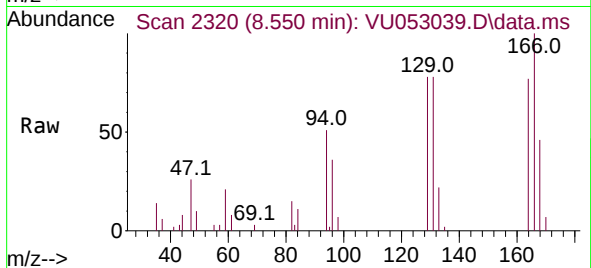
Acq: 10 Feb 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0B81



Tgt Ion:164 Resp: 6215

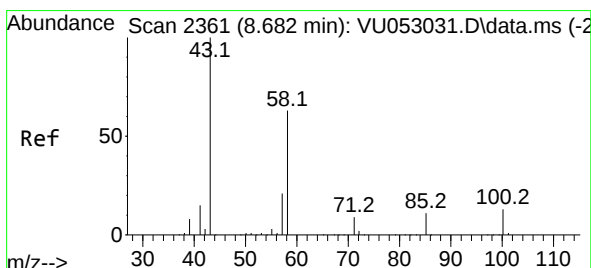
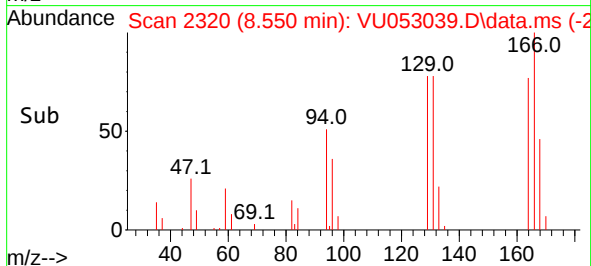
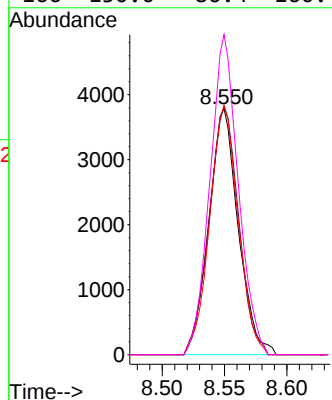
Ion Ratio Lower Upper

164 100

129 101.1 71.7 133.1

131 101.1 67.8 126.0

166 130.0 86.4 160.4



#48

2-Hexanone

Concen: 1.417 ug/L

RT: 8.672 min Scan# 2358

Delta R.T. -0.010 min

Lab File: VU053039.D

Acq: 10 Feb 2023 15:39

Tgt Ion: 43 Resp: 4612

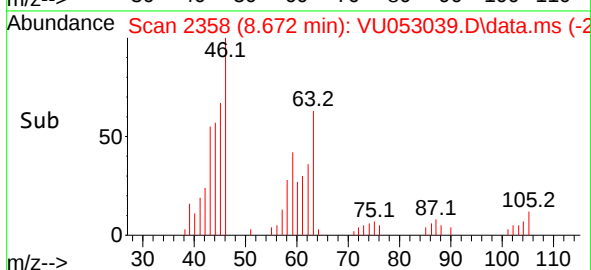
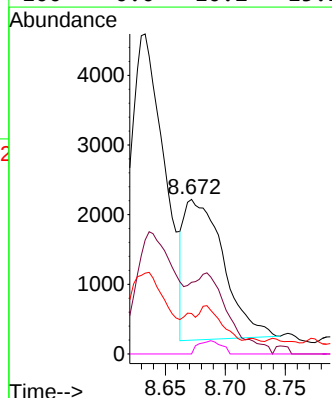
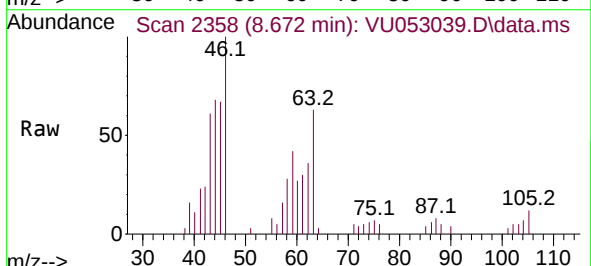
Ion Ratio Lower Upper

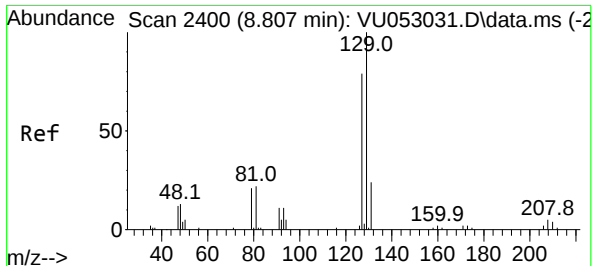
43 100

58 0.0 50.3 75.5#

57 6.2 17.4 26.0#

100 0.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.945 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053039.D

Acq: 10 Feb 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

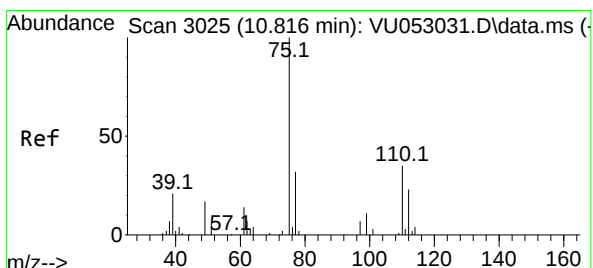
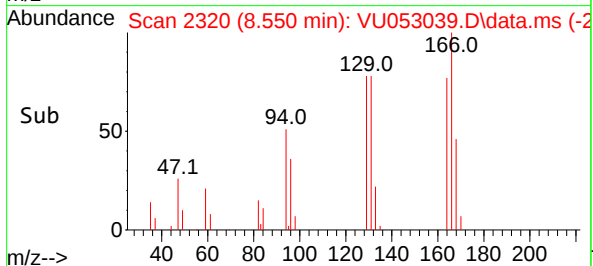
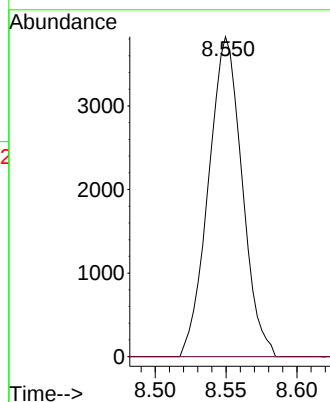
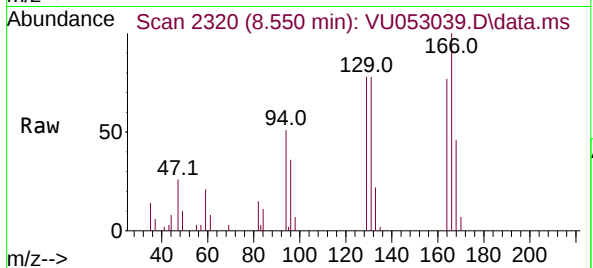
C0B81

Tgt Ion:129 Resp: 6306

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 1.427 ug/L

RT: 11.810 min Scan# 3334

Delta R.T. 0.993 min

Lab File: VU053039.D

Acq: 10 Feb 2023 15:39

Tgt Ion: 75 Resp: 6772

Ion Ratio Lower Upper

75 100

110 1.7 28.6 42.8#

77 35.8 27.6 41.4

