

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053130.D
 Acq On : 18 Feb 2023 13:36
 Operator : JC/MD
 Sample : 01612-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM85

Quant Time: Feb 19 23:27:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

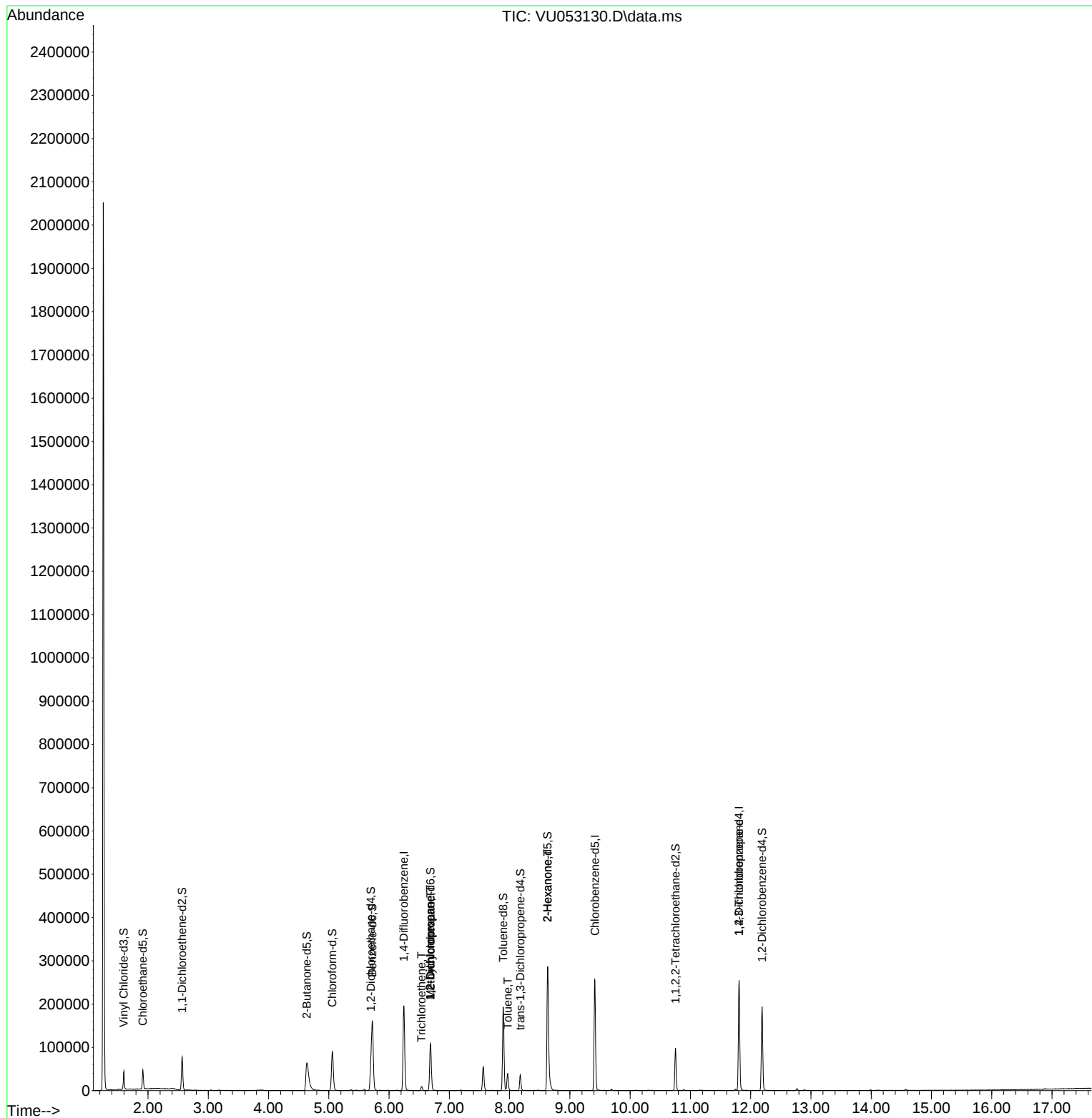
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	162148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	141453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	28327	3.647	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.913	69	31341	4.292	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.566	65	13913	3.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.633	46	131994	55.482	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.960%	
24) Chloroform-d	5.058	84	82283	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.698	65	42668	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.723	84	151850	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.688	67	53706	4.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.894	98	131364	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	8.177	79	20046	4.473	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.630	63	102891	51.709	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.420%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	48120	5.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	49423	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
34) Trichloroethene	6.537	95	3681	0.321	ug/L	95
35) Methylcyclohexane	6.688	83	12049	0.649	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5374	0.484	ug/L #	90
42) Toluene	7.968	91	29378	0.664	ug/L	99
48) 2-Hexanone	8.630	43	11944	2.809	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	8712	1.400	ug/L #	69

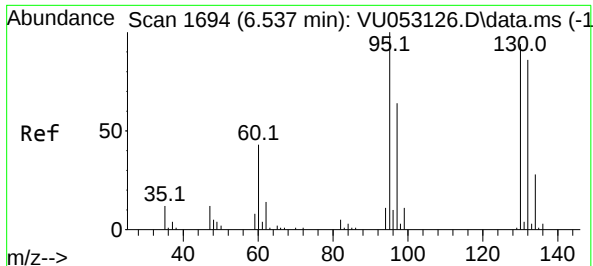
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.321 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053130.D

Acq: 18 Feb 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

COM85

Tgt Ion: 95 Resp: 3681

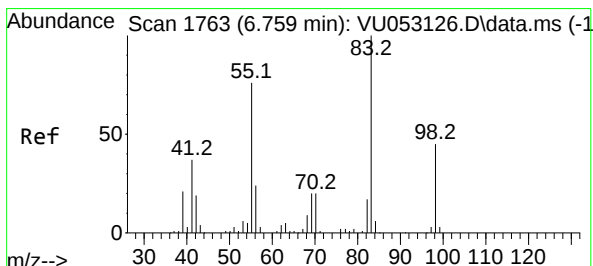
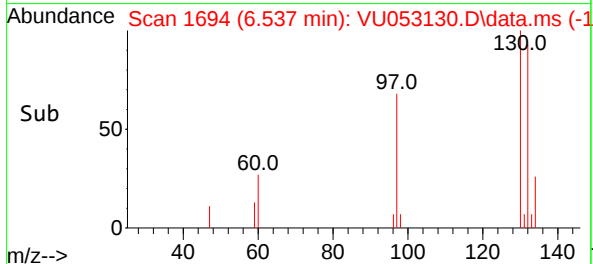
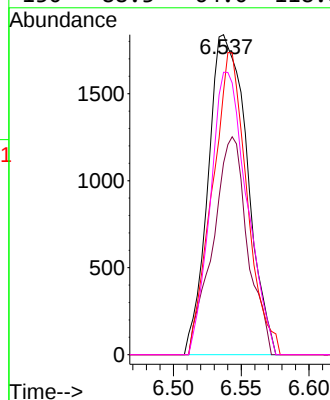
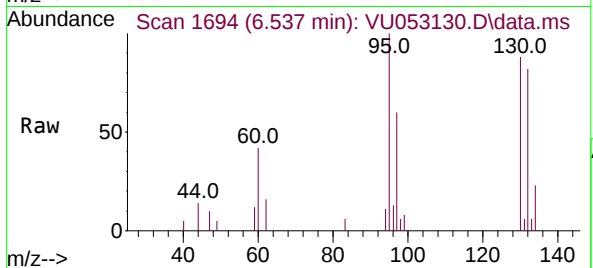
Ion Ratio Lower Upper

95 100

97 59.9 44.7 82.9

132 82.3 62.3 115.7

130 88.3 64.0 118.8



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053130.D

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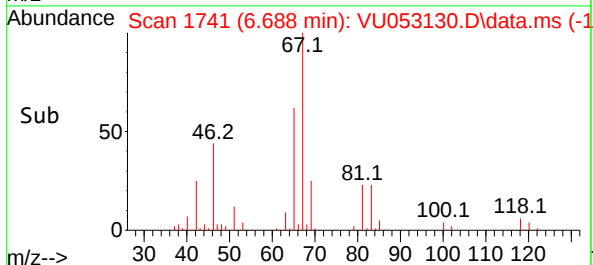
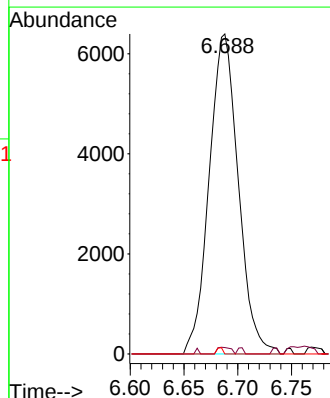
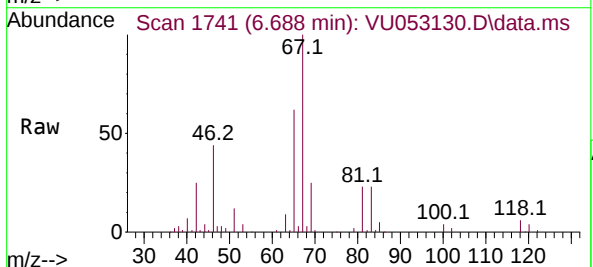
Tgt Ion: 83 Resp: 12049

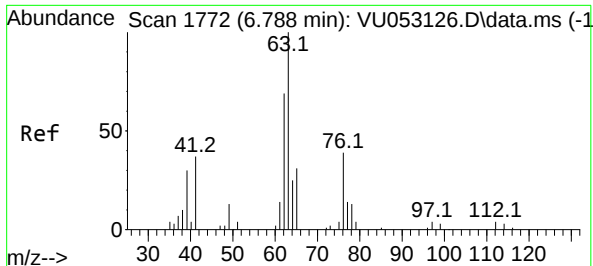
Ion Ratio Lower Upper

83 100

55 1.0 57.9 86.9#

98 0.4 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.685 min Scan# 11

Delta R.T. -0.103 min

Lab File: VU053130.D

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Instrument :

MSVOA_U

ClientSampleId :

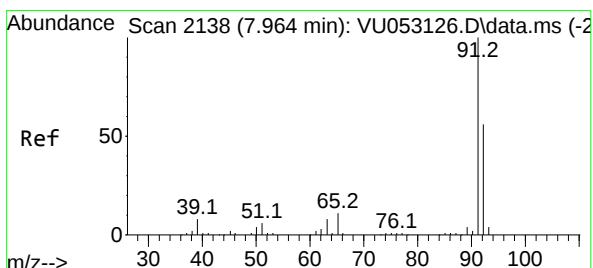
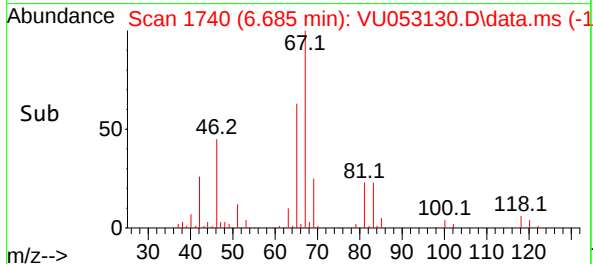
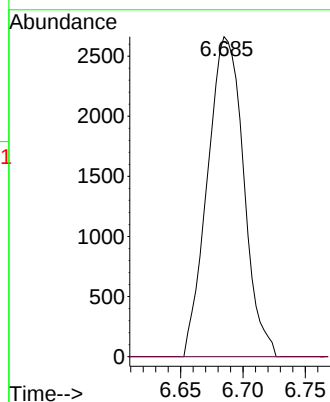
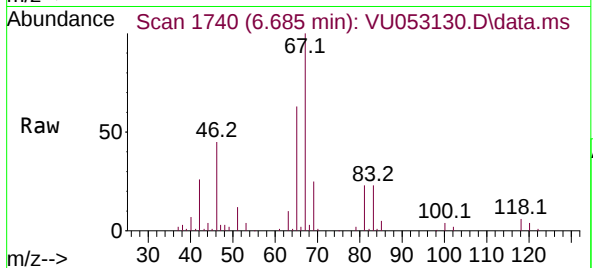
COM85

Tgt Ion: 63 Resp: 5374

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.664 ug/L

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053130.D

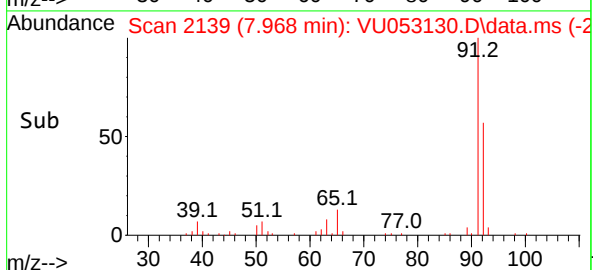
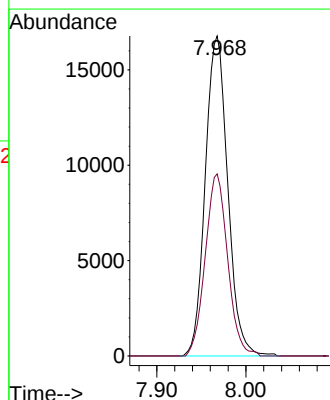
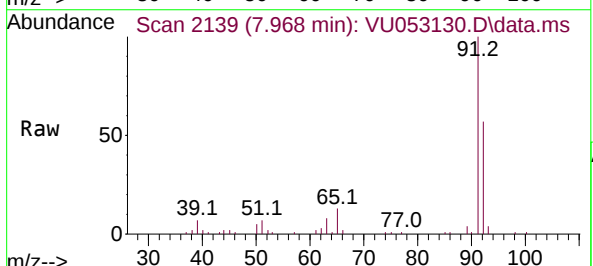
Acq: 18 Feb 2023 13:36

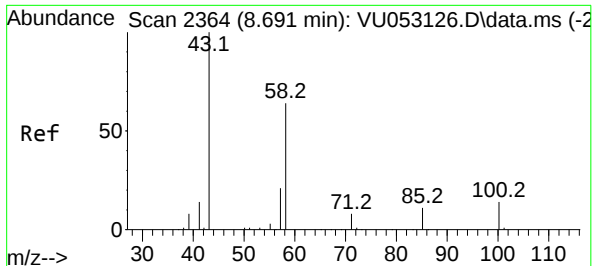
Tgt Ion: 91 Resp: 29378

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3





#48

2-Hexanone

Concen: 2.809 ug/L

RT: 8.630 min Scan# 21

Delta R.T. -0.061 min

Lab File: VU053130.D

Acq: 18 Feb 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

COM85

Tgt Ion: 43 Resp: 11944

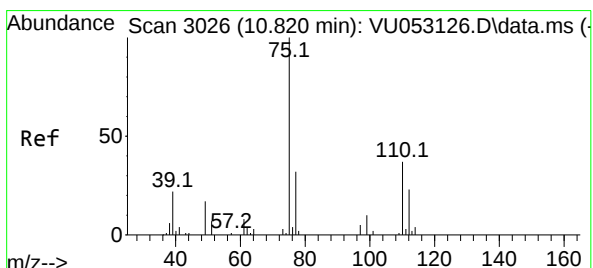
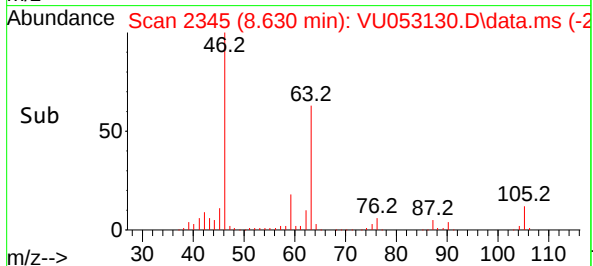
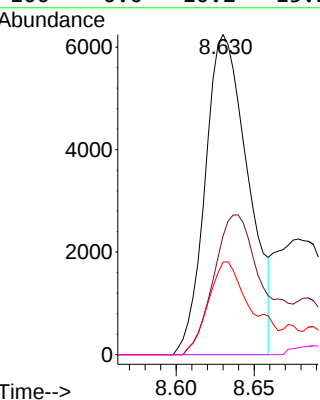
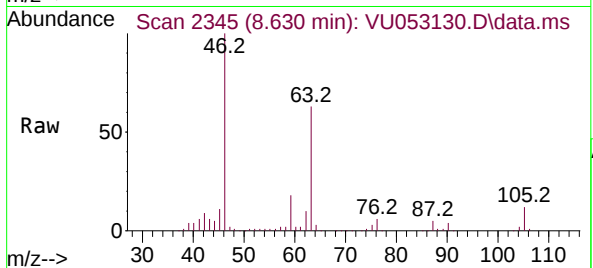
Ion Ratio Lower Upper

43 100

58 52.1 50.3 75.5

57 29.6 17.4 26.0#

100 0.0 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.400 ug/L

RT: 11.807 min Scan# 3333

Delta R.T. 0.987 min

Lab File: VU053130.D

Acq: 18 Feb 2023 13:36

Tgt Ion: 75 Resp: 8712

Ion Ratio Lower Upper

75 100

110 2.2 28.6 42.8#

77 32.0 27.6 41.4

