

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062920.D
 Acq On : 20 Jan 2025 15:30
 Operator : MD/SY
 Sample : Q1086-12DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:42:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

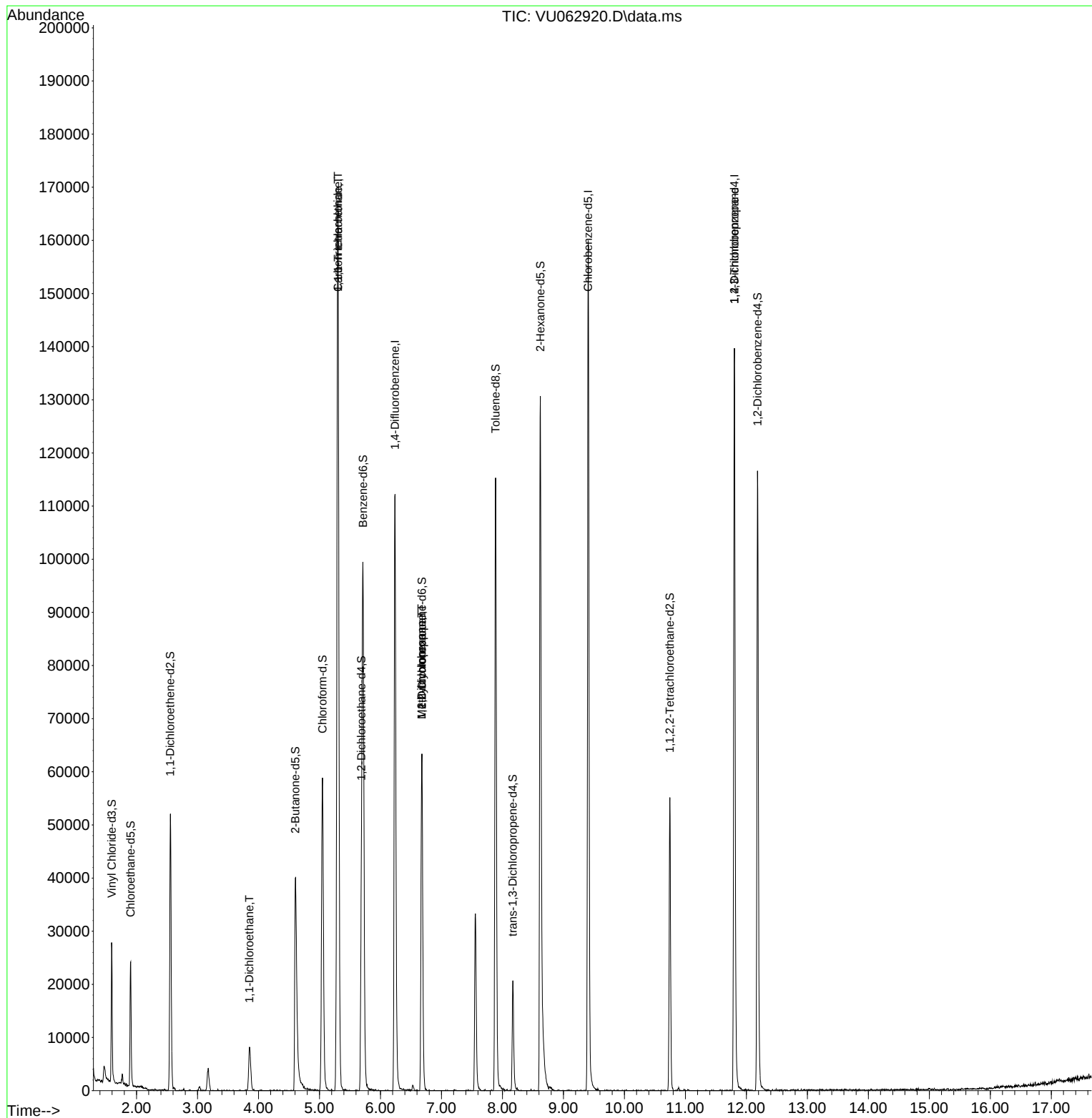
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92816	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	88970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17793	3.461	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	17057	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.554	65	9824	3.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.605	46	59402	56.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.080%
24) Chloroform-d	5.049	84	57961	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.689	65	34239	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.714	84	90811	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	28235	4.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.888	98	80499	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.171	79	13073	4.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.621	63	45459	48.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24791	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	33610	4.839	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.853	63	9868	0.894	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	128464	9.519	ug/L	98
31) Carbon tetrachloride	5.303	117	14904	1.202	ug/L	100
35) Methylcyclohexane	6.676	83	8157	0.759	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3892	0.645	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4261	1.151	ug/L #	63

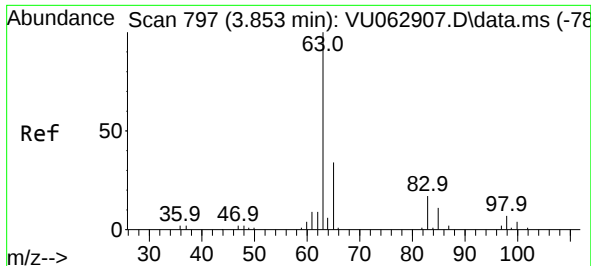
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 21 02:39:03 2025
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#19

1,1-Dichloroethane

Concen: 0.894 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.000 min

Lab File: VU062920.D

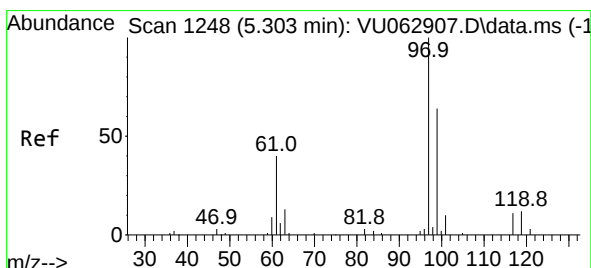
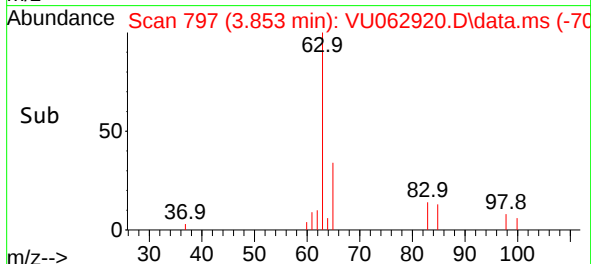
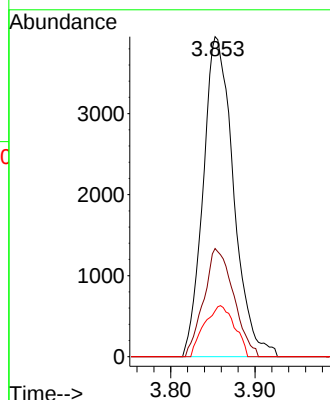
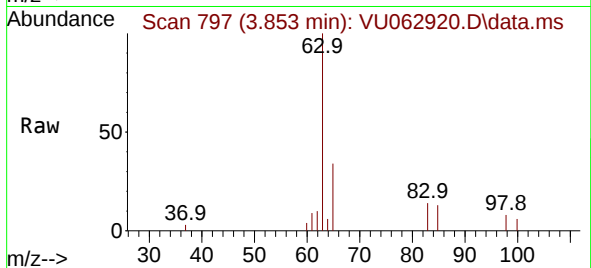
Acq: 20 Jan 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 9868
Ion Ratio	Lower Upper
63 100	
65 33.8	20.7 38.5
83 14.3	10.5 19.5



#29

1,1,1-Trichloroethane

Concen: 9.519 ug/L

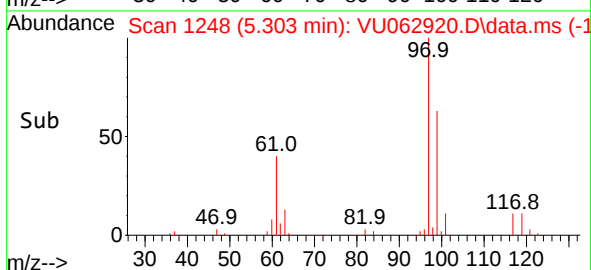
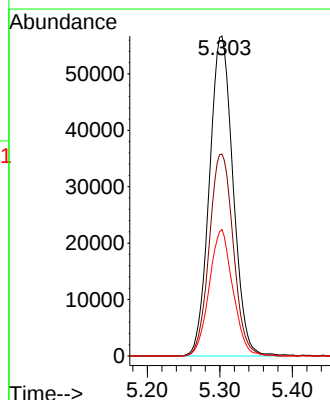
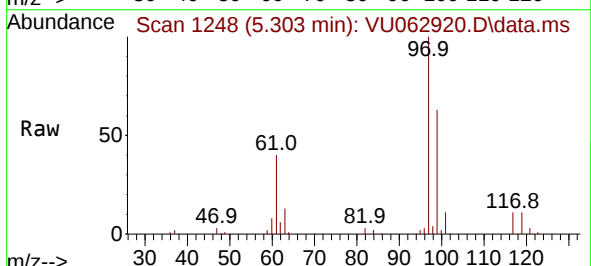
RT: 5.303 min Scan# 1248

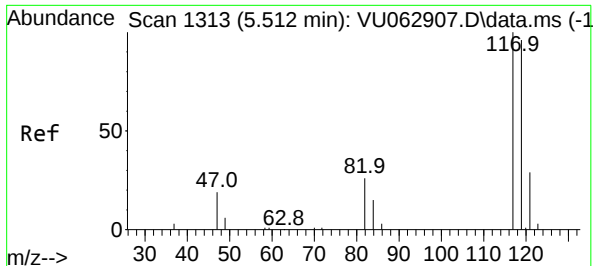
Delta R.T. -0.000 min

Lab File: VU062920.D

Acq: 20 Jan 2025 15:30

Tgt Ion: 97	Resp: 128464
Ion Ratio	Lower Upper
97 100	
99 63.9	52.4 78.6
61 39.5	32.2 48.4

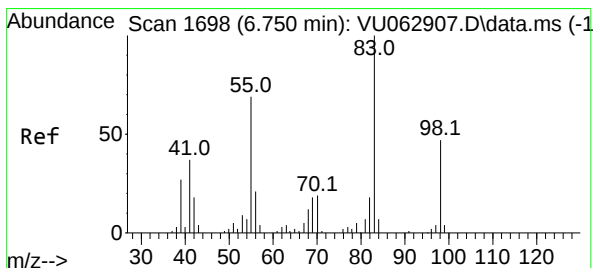
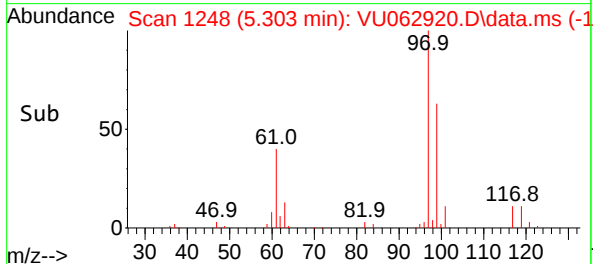
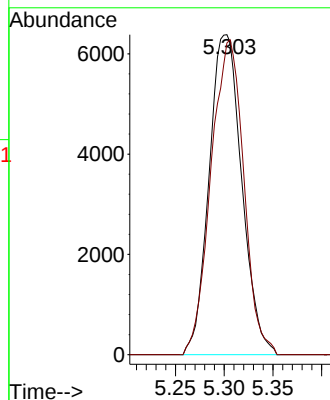
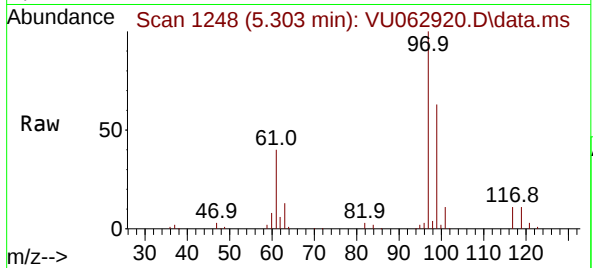




#31
Carbon tetrachloride
Concen: 1.202 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU062920.D
Acq: 20 Jan 2025 15:30

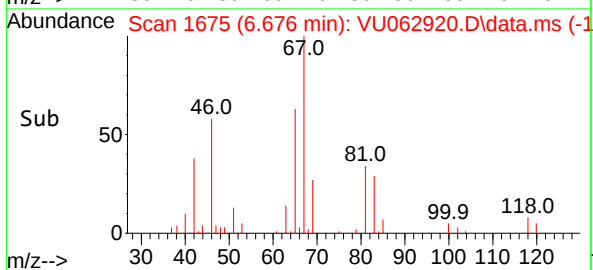
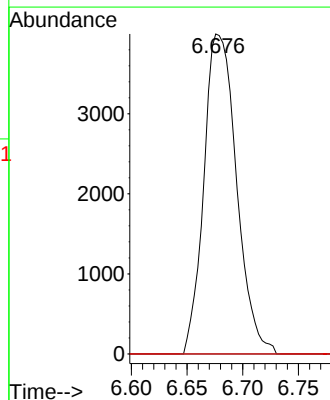
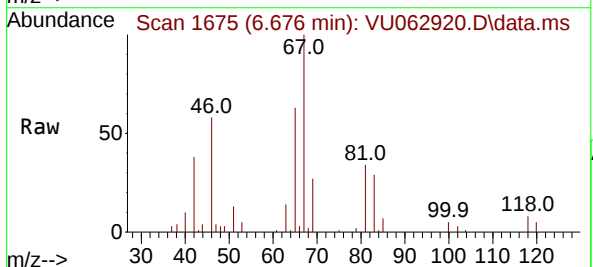
Instrument :
MSVOA_U
ClientSampleId :

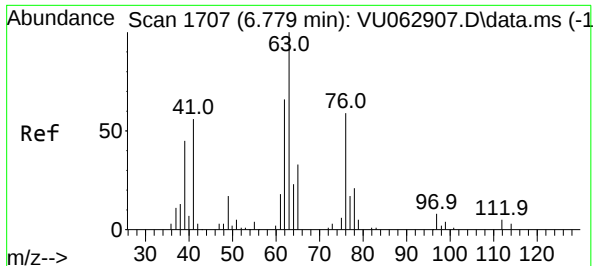
Tgt Ion:117 Resp: 14904
Ion Ratio Lower Upper
117 100
119 98.4 78.6 118.0



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062920.D
Acq: 20 Jan 2025 15:30

Tgt Ion: 83 Resp: 8157
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.2 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU062920.D

Acq: 20 Jan 2025 15:30

Instrument :

MSVOA_U

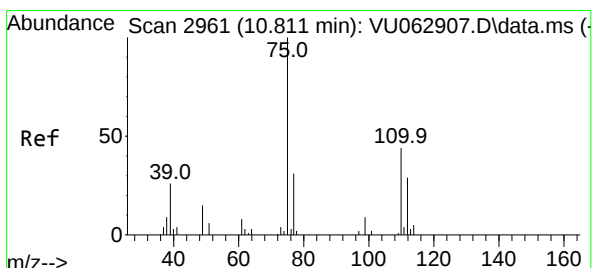
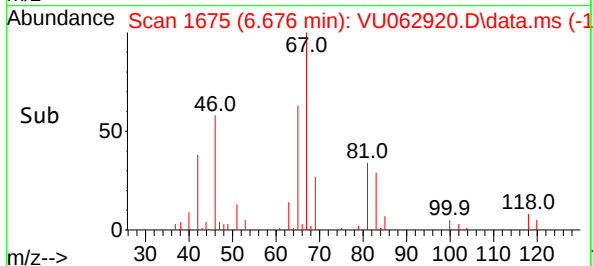
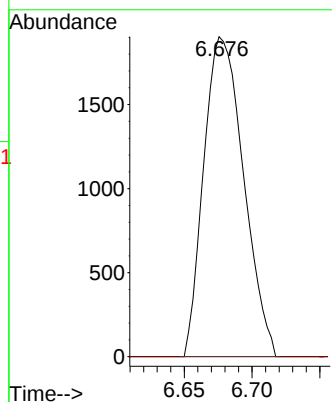
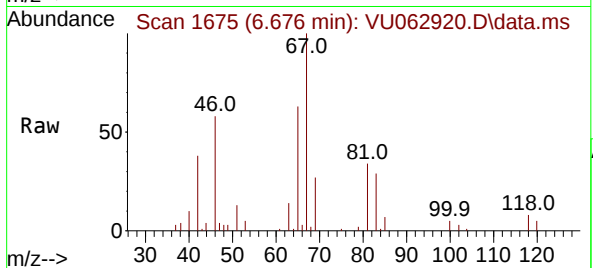
ClientSampleId :

Tgt Ion: 63 Resp: 3892

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062920.D

Acq: 20 Jan 2025 15:30

Tgt Ion: 75 Resp: 4261

Ion Ratio Lower Upper

75 100

110 3.1 33.2 49.8#

77 36.2 25.9 38.9

