

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055137.D
 Acq On : 06 Sep 2023 13:55
 Operator : MD/SY
 Sample : 04267-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C8

Quant Time: Sep 06 20:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

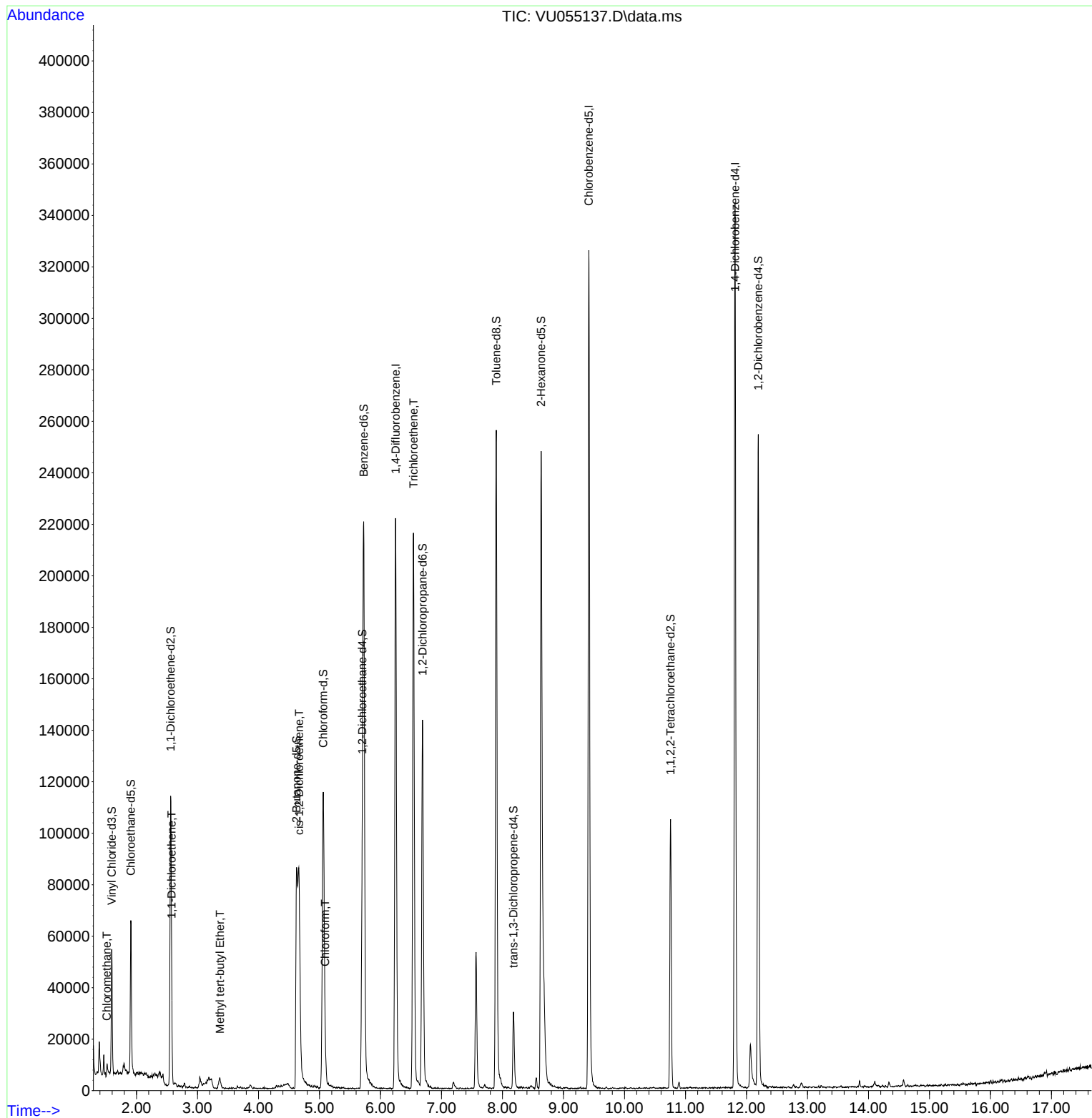
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	175853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33640	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	41307	4.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	20310	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.624	46	131311	55.545	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.080%
24) Chloroform-d	5.062	84	103804	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.701	65	54211	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.724	84	203352	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.689	67	69778	5.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.897	98	175109	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.180	79	17244	4.535	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.634	63	78228	50.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51159	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65006	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
3) Chloromethane	1.515	50	3070	0.299	ug/L	99
12) 1,1-Dichloroethene	2.576	96	3520	0.438	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4043	0.192	ug/L #	88
22) cis-1,2-Dichloroethene	4.666	96	33426	3.349	ug/L	93
25) Chloroform	5.090	83	14083	0.767	ug/L	87
34) Trichloroethene	6.541	95	71772	6.900	ug/L	98

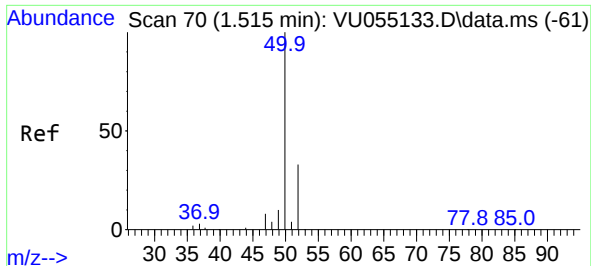
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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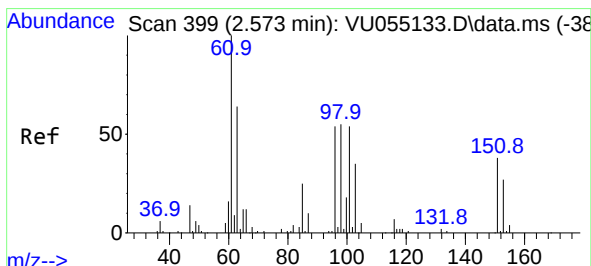
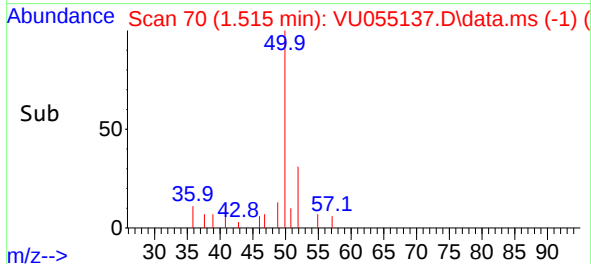
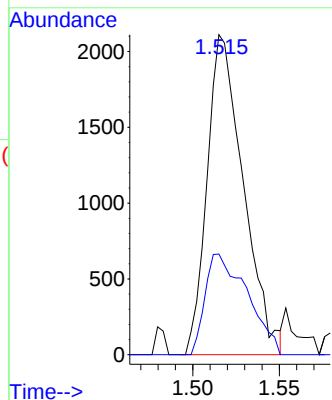
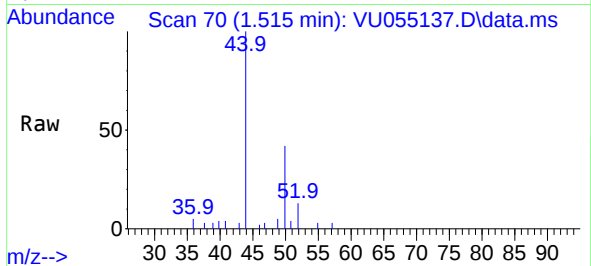




#3
Chloromethane
Concen: 0.299 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055137.D
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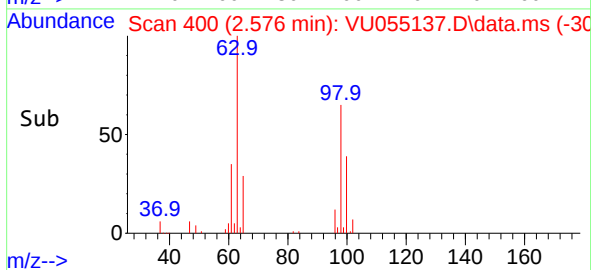
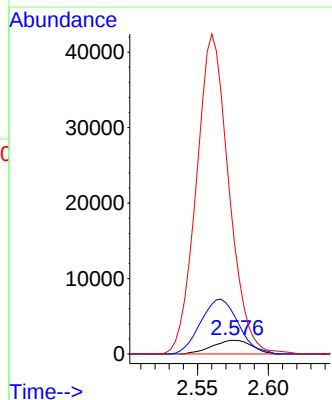
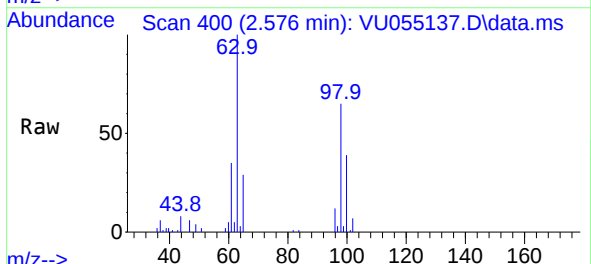
Instrument :
MSVOA_U
ClientSampleId :
BH4C8

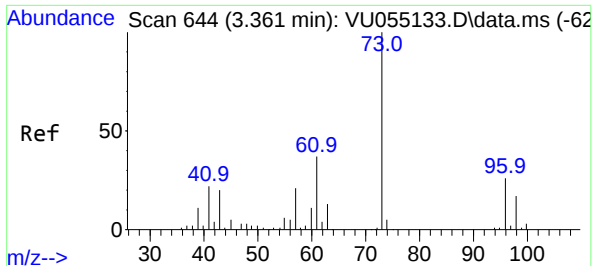
Tgt Ion: 50 Resp: 3070
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.438 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055137.D
Acq: 06 Sep 2023 13:55

Tgt Ion: 96 Resp: 3520
Ion Ratio Lower Upper
96 100
61 276.9 120.8 224.4#
63 802.5 94.5 175.5#

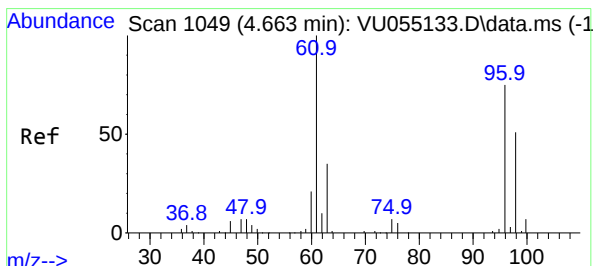
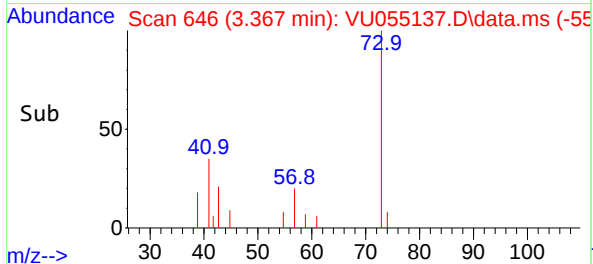
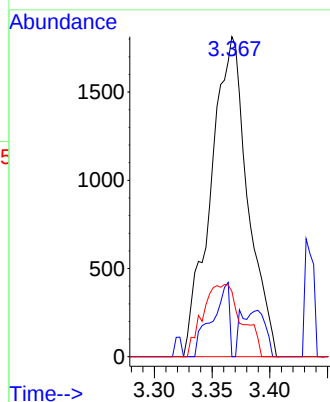
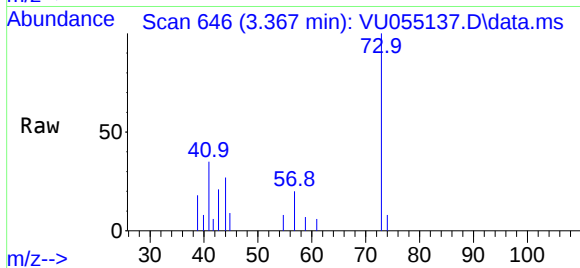




#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 3.367 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU055137.D
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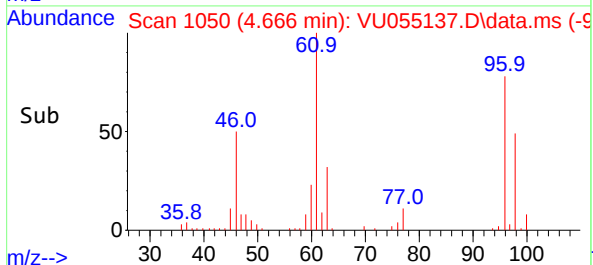
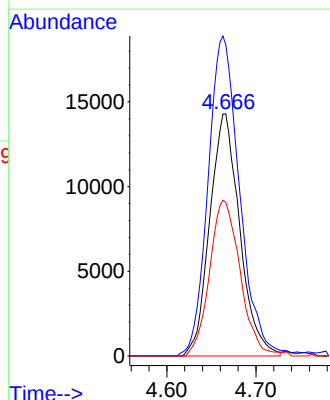
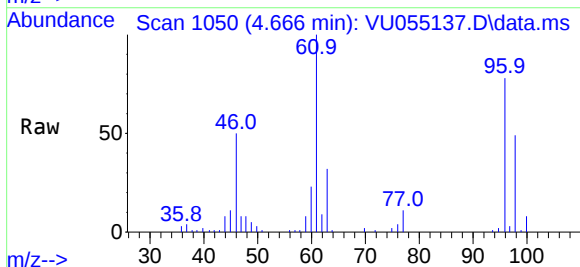
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MSVOA_U
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BH4C8

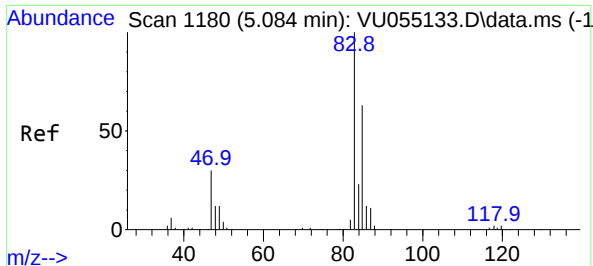
Tgt Ion: 73 Resp: 4043
Ion Ratio Lower Upper
73 100
43 10.8 16.2 24.2#
57 23.7 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 3.349 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055137.D
Acq: 06 Sep 2023 13:55

Tgt Ion: 96 Resp: 33426
Ion Ratio Lower Upper
96 100
61 128.5 97.2 180.4
98 63.5 46.1 85.7





#25

Chloroform

Concen: 0.767 ug/L

RT: 5.090 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

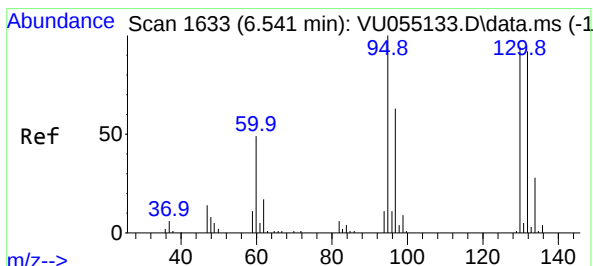
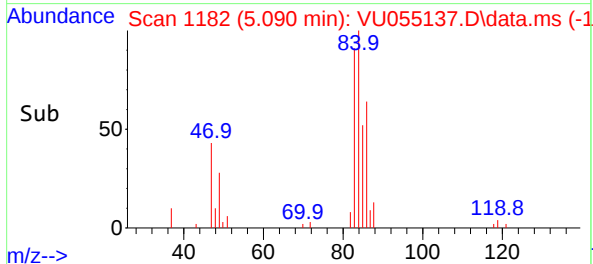
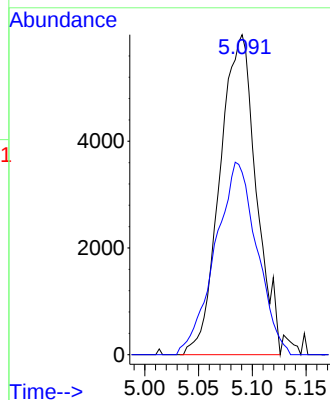
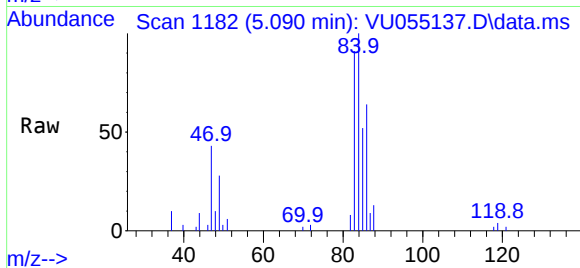
BH4C8

Tgt Ion: 83 Resp: 14083

Ion Ratio Lower Upper

83 100

85 57.0 47.2 87.6



#34

Trichloroethene

Concen: 6.900 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Tgt Ion: 95 Resp: 71772

Ion Ratio Lower Upper

95 100

97 62.8 44.7 83.1

132 92.1 66.6 123.6

130 94.1 66.5 123.5

