

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034572.D
 Acq On : 13 Mar 2024 14:05
 Operator : SY/MD
 Sample : P1739-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 14 02:24:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

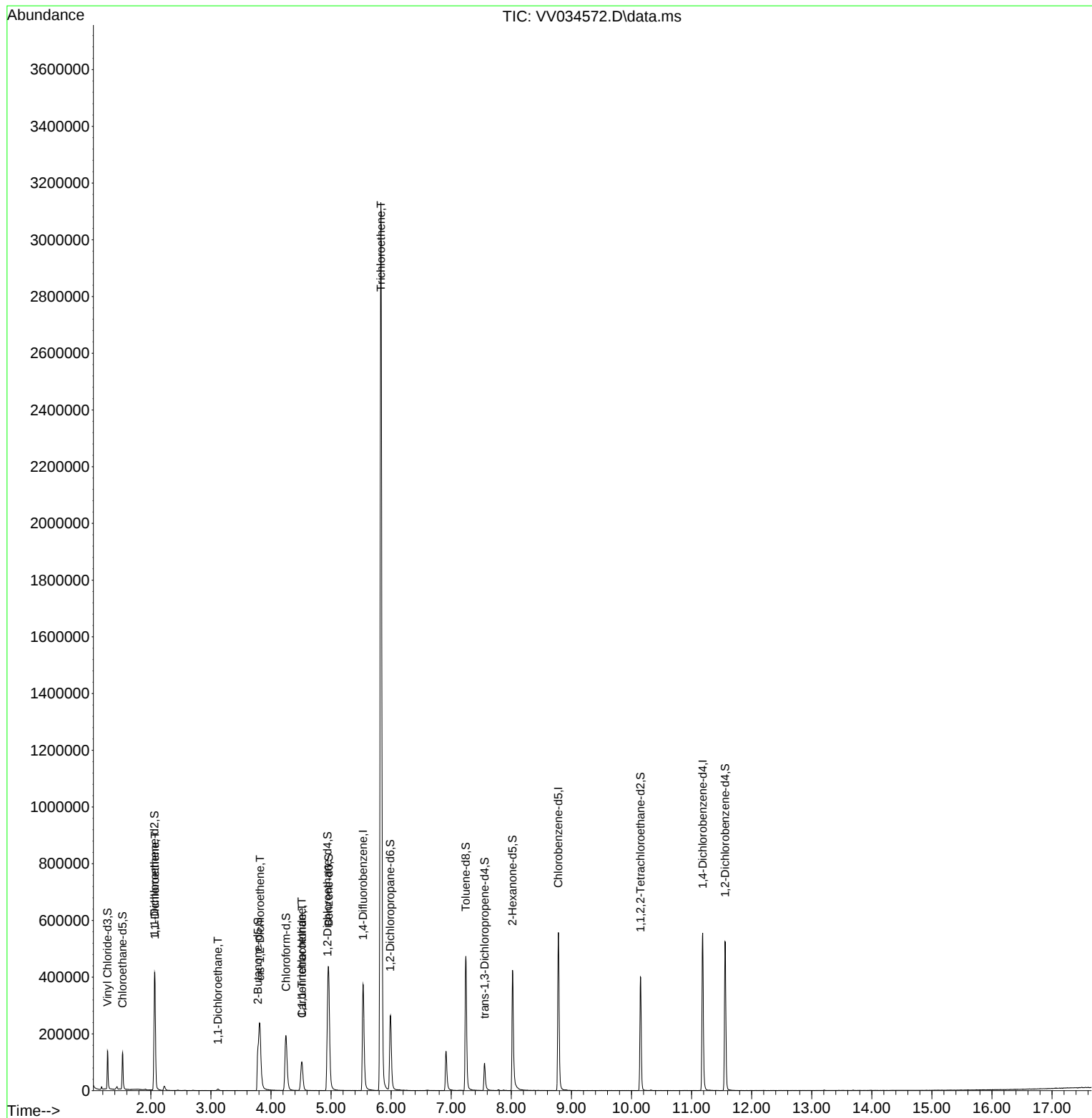
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318429	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	298775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85244	30.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.760%
7) Chloroethane-d5	1.529	69	83439	38.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.060	65	41439	33.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.380%
21) 2-Butanone-d5	3.780	46	210683	114.128	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.130%
24) Chloroform-d	4.249	84	210076	43.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	4.941	65	146589	45.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
32) Benzene-d6	4.960	84	376107	41.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.420%
36) 1,2-Dichloropropane-d6	5.986	67	127072	46.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.360%
41) Toluene-d8	7.243	98	313643	38.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.880%#
43) trans-1,3-Dichloroprop...	7.555	79	56924	41.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
47) 2-Hexanone-d5	8.021	63	145318	105.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.750%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	187067	51.656	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.320%
66) 1,2-Dichlorobenzene-d4	11.561	152	132877	45.631	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	69747	29.252	ug/L	88
19) 1,1-Dichloroethane	3.114	63	6085	1.346	ug/L	91
20) cis-1,2-Dichloroethene	3.815	96	113505	45.330	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	85113	19.866	ug/L	99
31) Carbon tetrachloride	4.516	117	10292	2.713	ug/L	96
34) Trichloroethene	5.828	95	1067392	404.903	ug/L	98

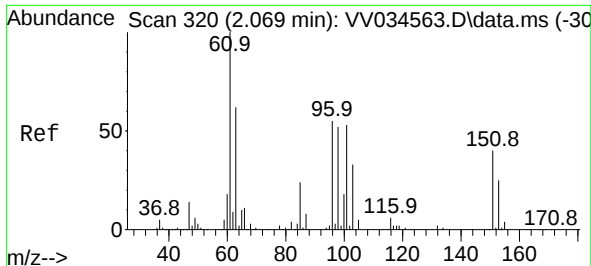
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 02:21:30 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 29.252 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

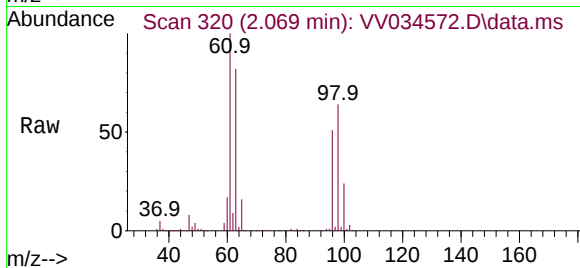
Lab File: VV034572.D

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Instrument :

MSVOA_V

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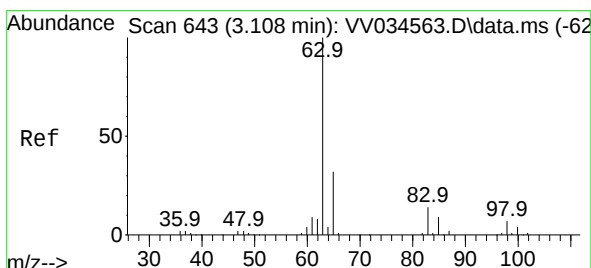
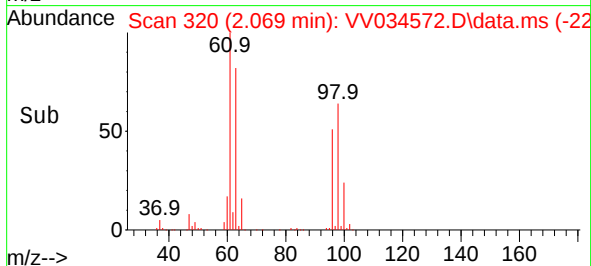
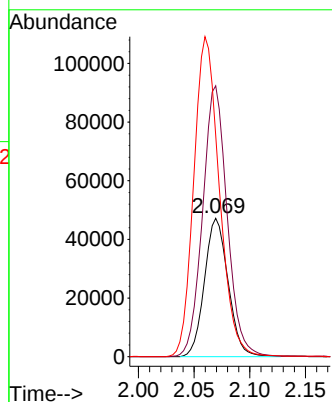
Tgt Ion: 96 Resp: 69747

Ion Ratio Lower Upper

96 100

61 195.6 128.9 239.3

63 159.8 98.0 182.0



#19

1,1-Dichloroethane

Concen: 1.346 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.007 min

Lab File: VV034572.D

Acq: 13 Mar 2024 14:05

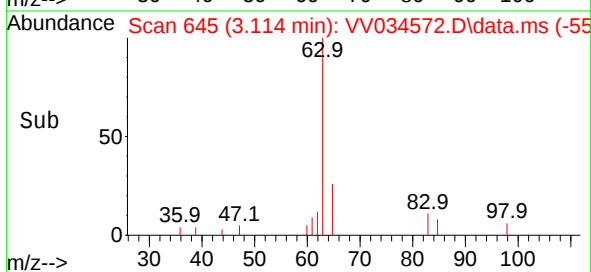
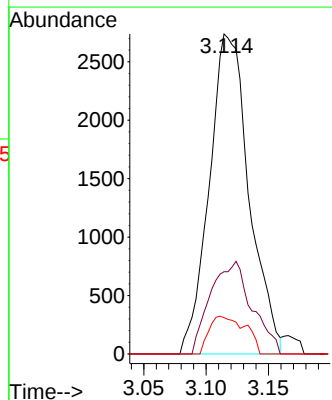
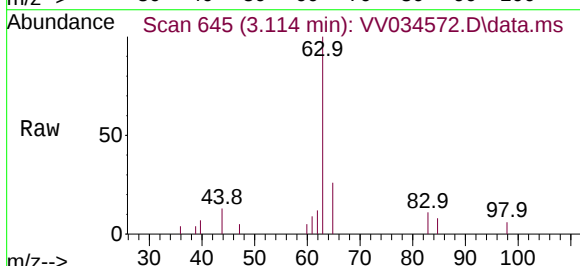
Tgt Ion: 63 Resp: 6085

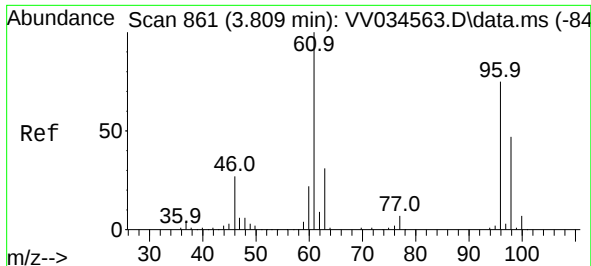
Ion Ratio Lower Upper

63 100

65 25.7 22.1 41.1

83 11.4 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 45.330 ug/L

RT: 3.815 min Scan# 80

Delta R.T. 0.007 min

Lab File: VV034572.D

Acq: 13 Mar 2024 14:05

Instrument :

MSVOA_V

ClientSampleId :

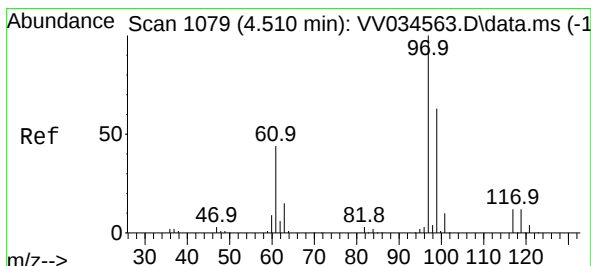
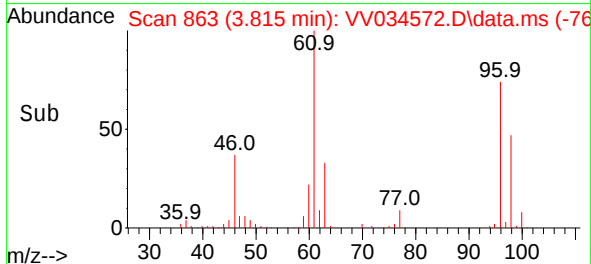
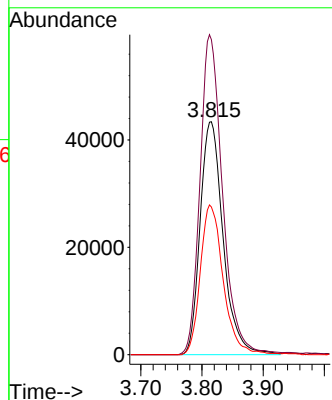
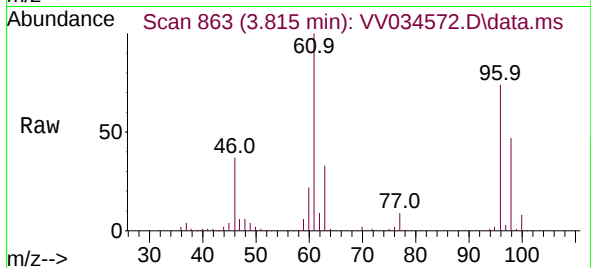
Tgt Ion: 96 Resp: 113505

Ion Ratio Lower Upper

96 100

61 135.2 96.0 178.4

98 63.3 46.0 85.4



#30

1,1,1-Trichloroethane

Concen: 19.866 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034572.D

Acq: 13 Mar 2024 14:05

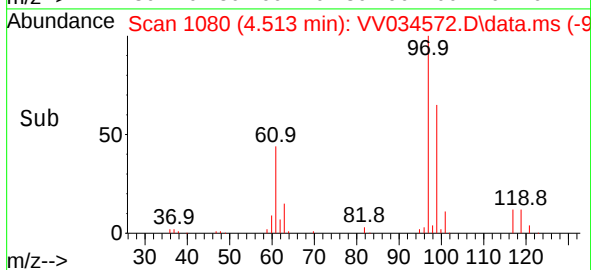
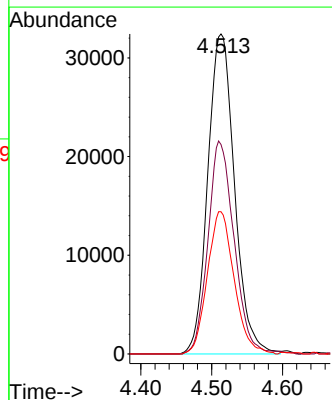
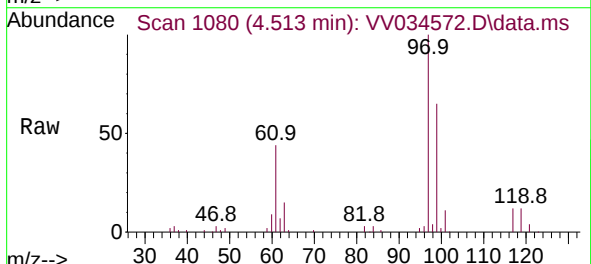
Tgt Ion: 97 Resp: 85113

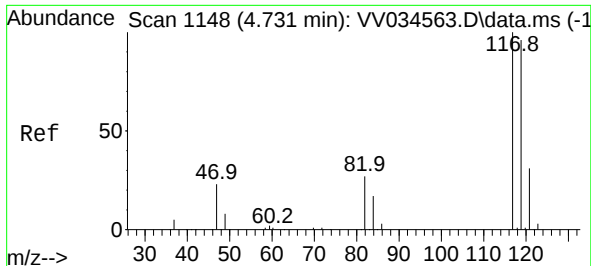
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 44.5 36.0 54.0

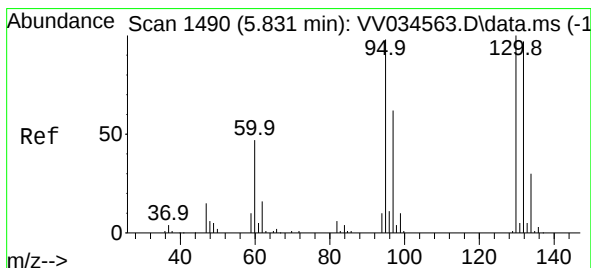
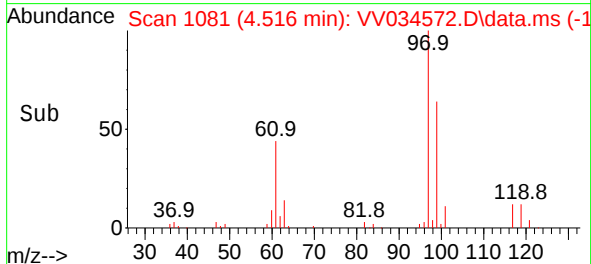
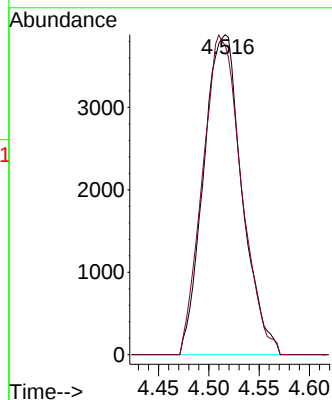
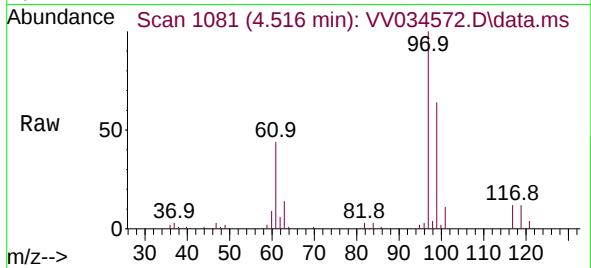




#31
Carbon tetrachloride
Concen: 2.713 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.215 min
Lab File: VV034572.D
Acq: 13 Mar 2024 14:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 10292
Ion Ratio Lower Upper
117 100
119 100.6 77.5 116.3



#34
Trichloroethene
Concen: 404.903 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV034572.D
Acq: 13 Mar 2024 14:05

Tgt Ion: 95 Resp: 1067392
Ion Ratio Lower Upper
95 100
97 65.2 44.7 83.1
132 96.3 65.3 121.3
130 100.4 69.1 128.3

