

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048987.D
 Acq On : 09 Jun 2022 19:39
 Operator : SY/MD
 Sample : N3248-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY3

Quant Time: Jun 10 01:06:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

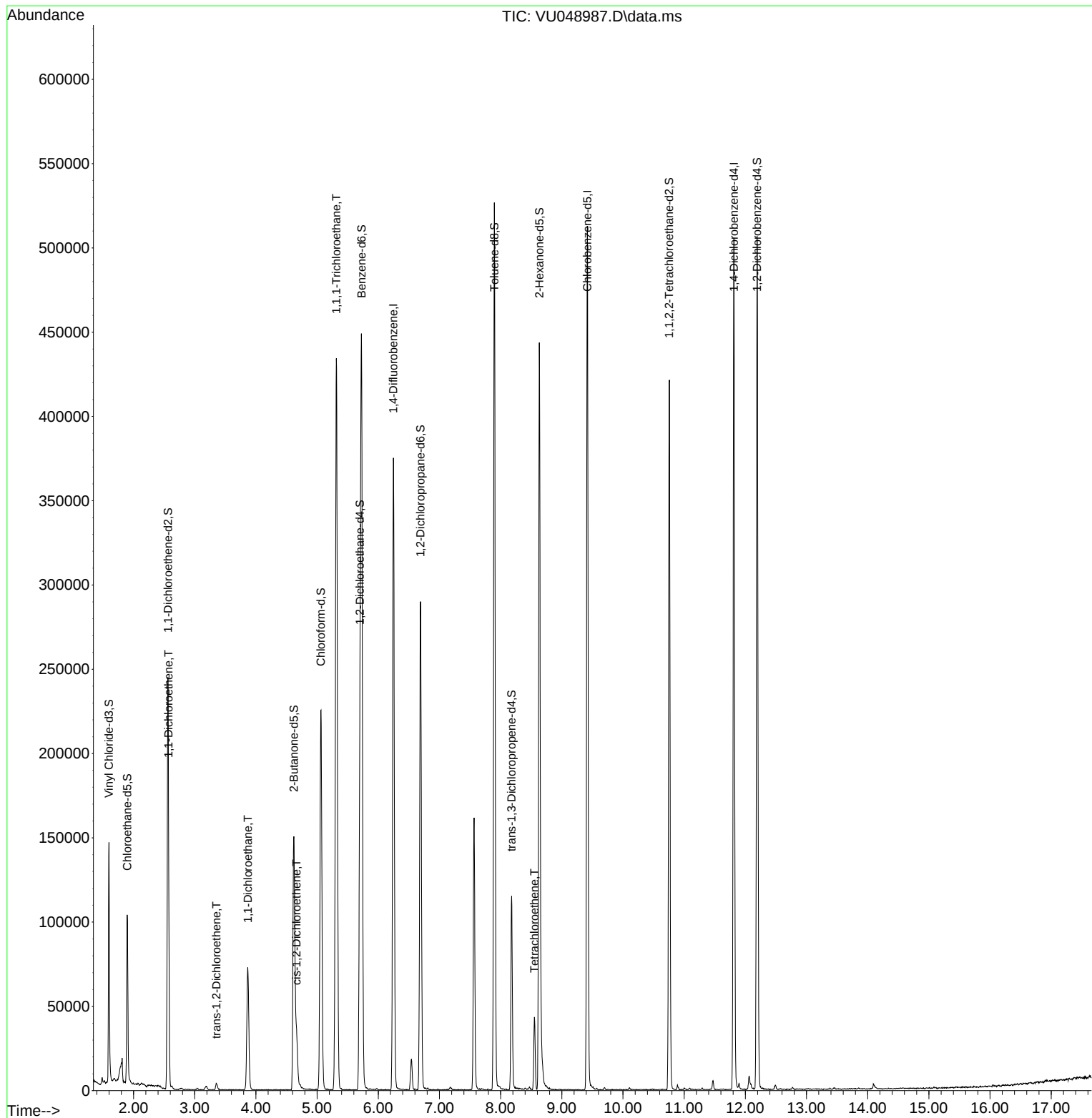
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	304096	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	138376	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	101900	54.710	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.420%		
7) Chloroethane-d5	1.897	69	76660	54.937	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 109.880%		
11) 1,1-Dichloroethene-d2	2.562	63	143778	34.133	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 68.260%		
21) 2-Butanone-d5	4.620	46	219940	124.087	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 124.090%		
24) Chloroform-d	5.060	84	214591	45.593	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 91.180%		
26) 1,2-Dichloroethane-d4	5.700	65	144179	43.421	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 86.840%		
32) Benzene-d6	5.726	84	415205	52.727	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.460%		
36) 1,2-Dichloropropane-d6	6.691	67	140179	60.637	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 121.280%#		
41) Toluene-d8	7.896	98	354323	47.836	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 95.680%		
43) trans-1,3-Dichloroprop...	8.179	79	65321	44.187	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.380%		
47) 2-Hexanone-d5	8.633	63	145373	114.665	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 114.670%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	208985	54.632	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 109.260%		
66) 1,2-Dichlorobenzene-d4	12.192	152	139288	49.239	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 98.480%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.572	96	9869	4.988	ug/L	# 1
17) trans-1,2-Dichloroethene	3.353	96	1120	0.525	ug/L	82
19) 1,1-Dichloroethane	3.868	63	83936	21.484	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	13039	5.418	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	322538	75.285	ug/L	98
46) Tetrachloroethene	8.552	164	9780	5.125	ug/L	88

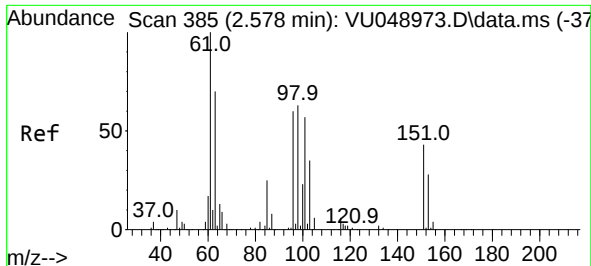
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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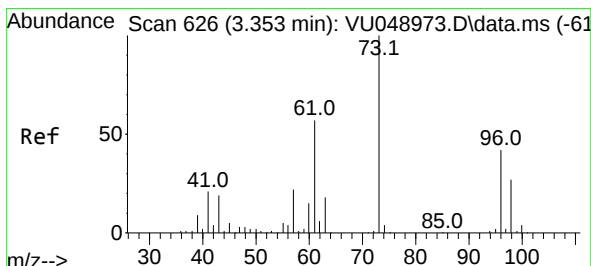
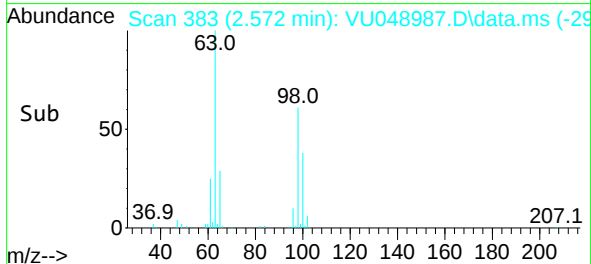
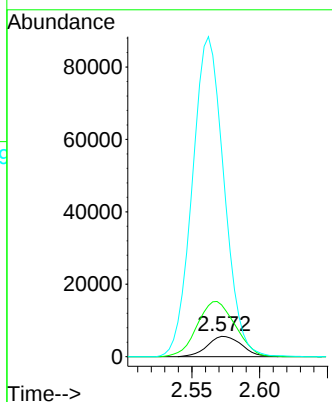
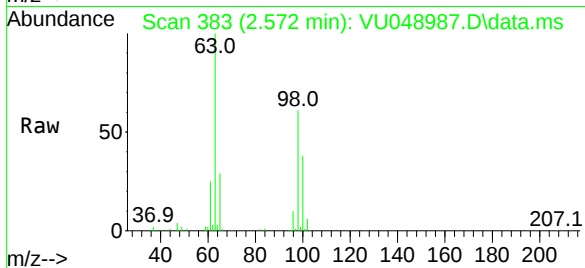




#12
1,1-Dichloroethene
Concen: 4.988 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU048987.D
Acq: 09 Jun 2022 19:39

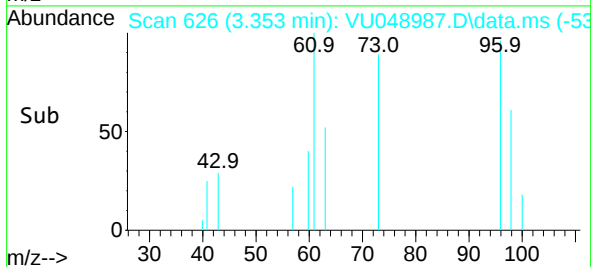
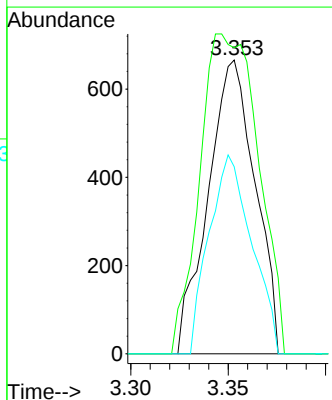
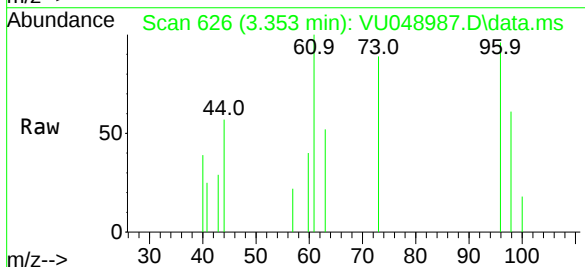
Instrument :
MSVOA_U
ClientSampleId :
EXYY3

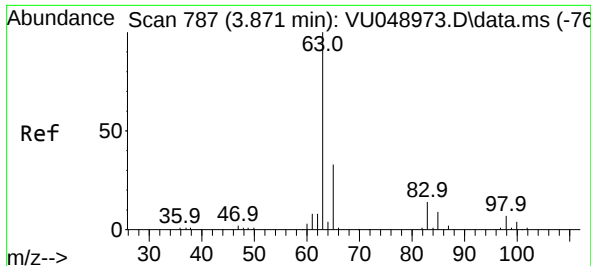
Tgt Ion: 96 Resp: 9869
Ion Ratio Lower Upper
96 100
61 254.4 120.6 224.0#
63 1017.2 82.3 152.9#



#17
trans-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU048987.D
Acq: 09 Jun 2022 19:39

Tgt Ion: 96 Resp: 1120
Ion Ratio Lower Upper
96 100
61 104.2 94.2 175.0
98 63.7 45.1 83.7

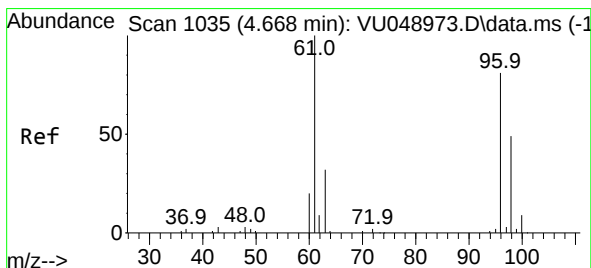
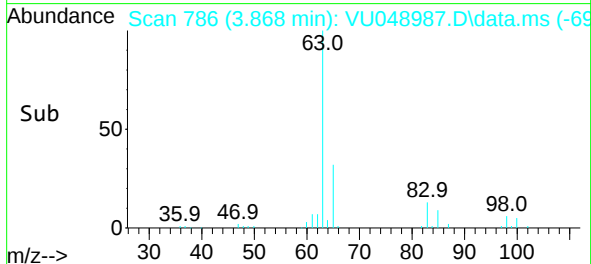
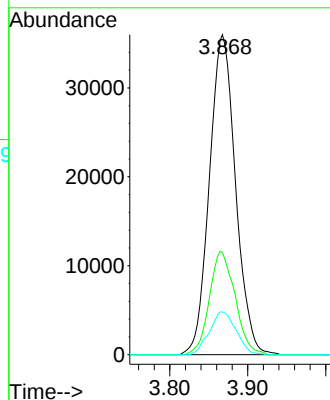
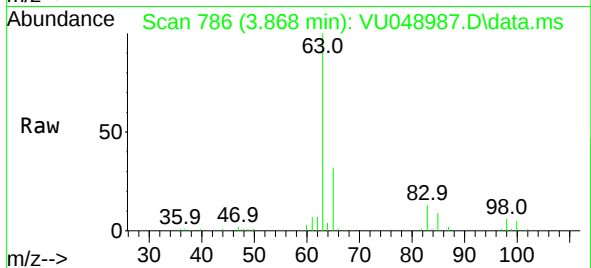




#19
1,1-Dichloroethane
Concen: 21.484 ug/L
RT: 3.868 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU048987.D
Acq: 09 Jun 2022 19:39

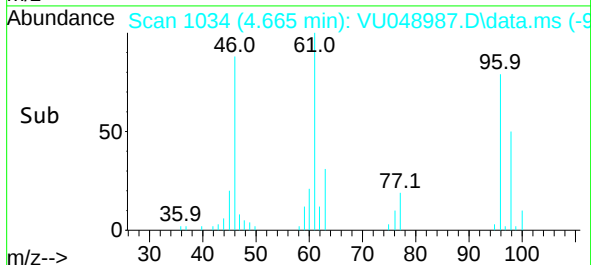
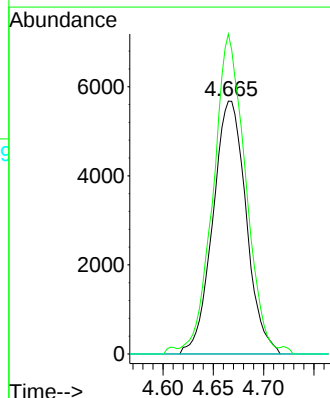
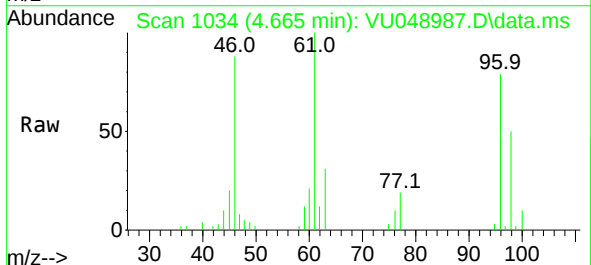
Instrument :
MSVOA_U
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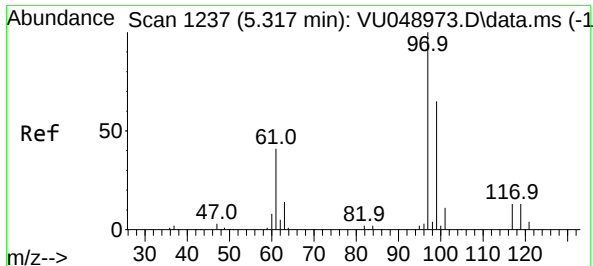
Tgt Ion: 63 Resp: 83936
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.6
83 13.4 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 5.418 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048987.D
Acq: 09 Jun 2022 19:39

Tgt Ion: 96 Resp: 13039
Ion Ratio Lower Upper
96 100
61 126.6 88.3 164.1
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 75.285 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048987.D

Acq: 09 Jun 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

EXYY3

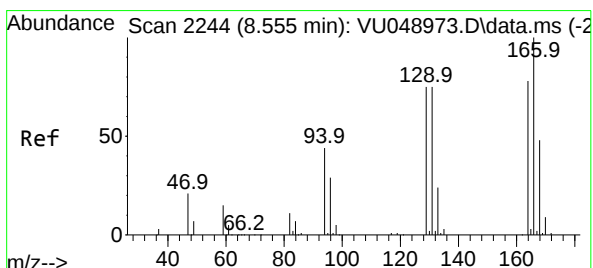
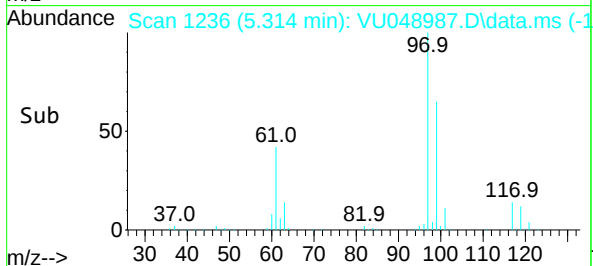
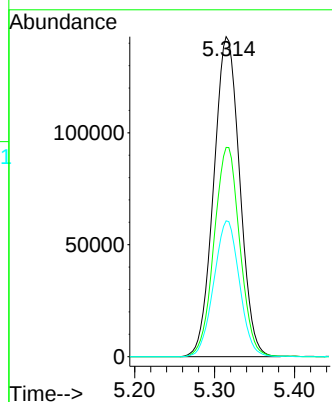
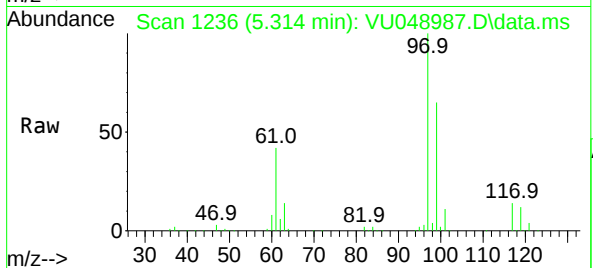
Tgt Ion: 97 Resp: 322538

Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 41.9 32.6 48.8



#46

Tetrachloroethene

Concen: 5.125 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU048987.D

Acq: 09 Jun 2022 19:39

Tgt Ion: 164 Resp: 9780

Ion Ratio Lower Upper

164 100

129 102.5 64.3 119.3

131 101.4 64.5 119.7

166 140.1 87.5 162.5

