

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021865.D
 Acq On : 18 Aug 2021 15:05
 Operator : SY/MD
 Sample : M3448-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

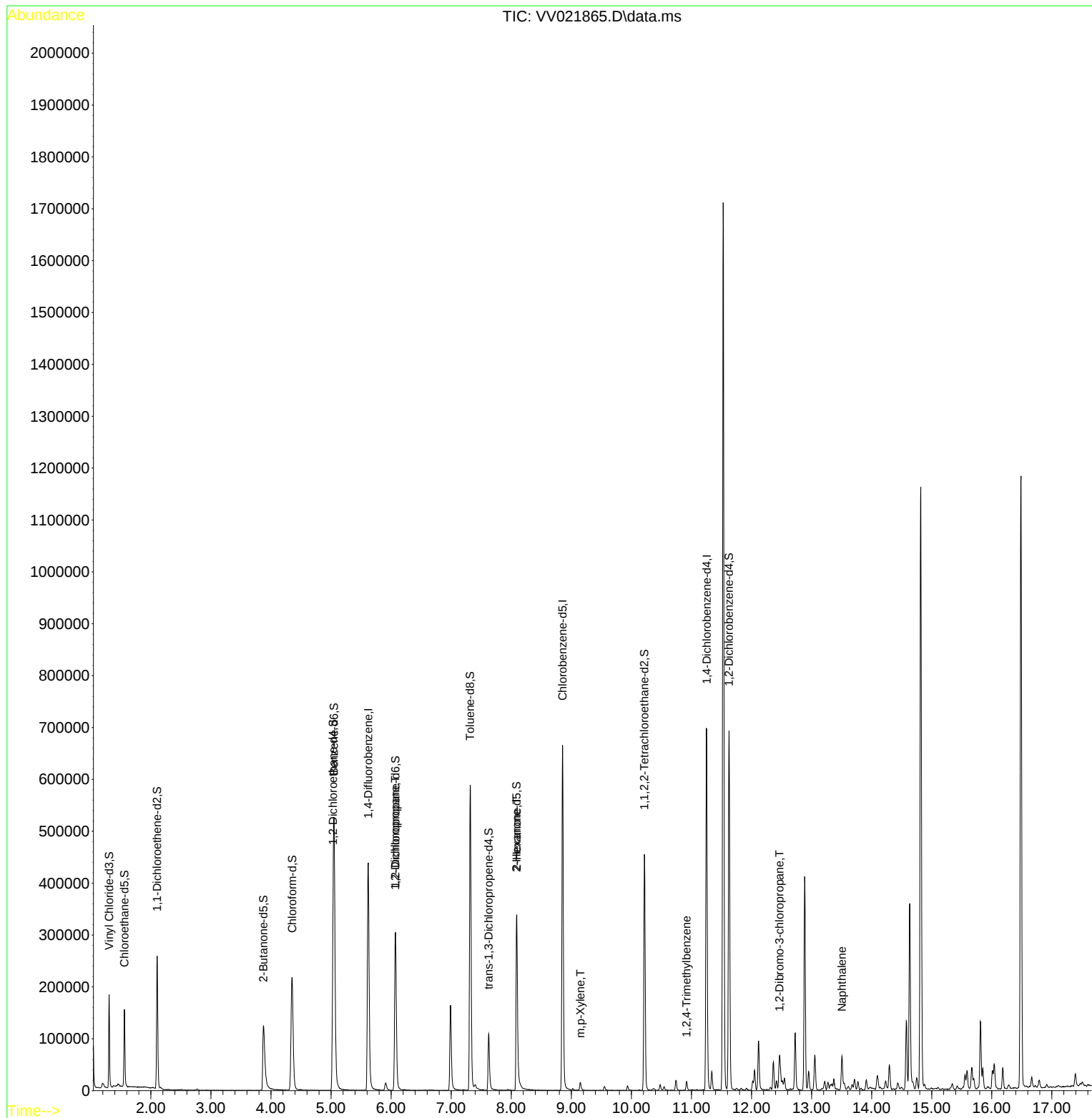
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	400514	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	382099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	191072	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111975	35.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.520%
7) Chloroethane-d5	1.561	69	97718	41.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	2.105	63	122955	24.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.340%#
21) 2-Butanone-d5	3.873	46	195963	100.631	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.630%
24) Chloroform-d	4.352	84	233936	43.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	5.034	65	146962	47.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.050	84	465208	42.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	6.072	67	153934	44.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.317	98	398113	39.200	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.400%#
43) trans-1,3-Dichloroprop...	7.625	79	62938	37.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.740%
47) 2-Hexanone-d5	8.088	63	118152	105.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.350%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	223068	52.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	185493	46.909	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.069	63	16682	5.603	ug/L #	86
48) 2-Hexanone	8.091	43	13971	4.404	ug/L #	74
53) m,p-Xylene	9.153	106	4560	0.878	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	9221	0.844	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.464	75	1704	1.985	ug/L #	1
71) Naphthalene	13.506	128	45252	4.131	ug/L	97

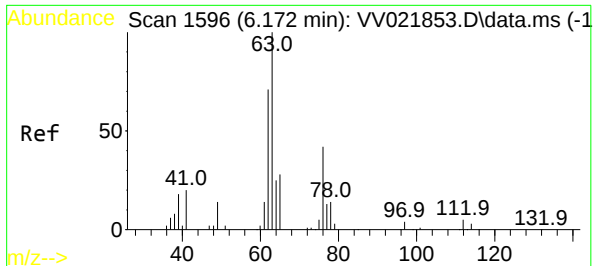
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 19 01:14:55 2021
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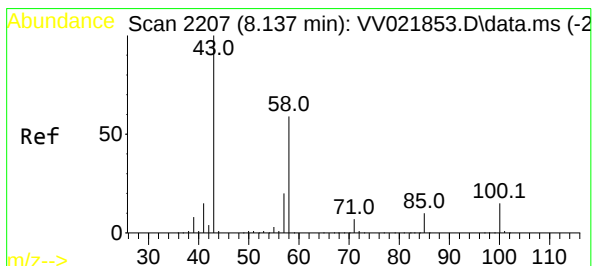
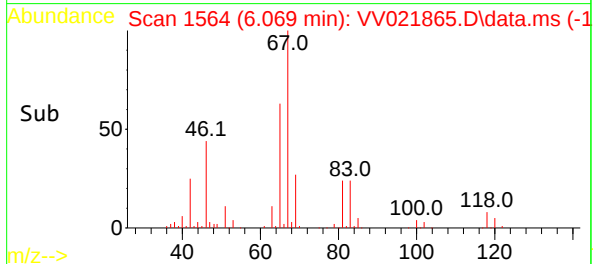
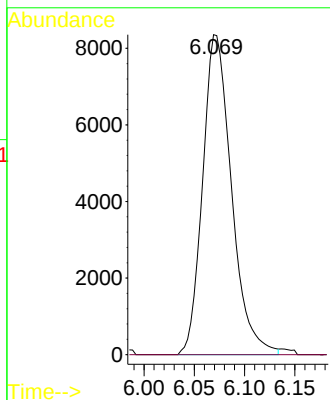
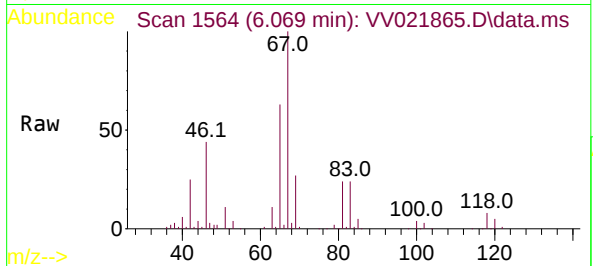




#37
1,2-Dichloropropane
Concen: 5.603 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

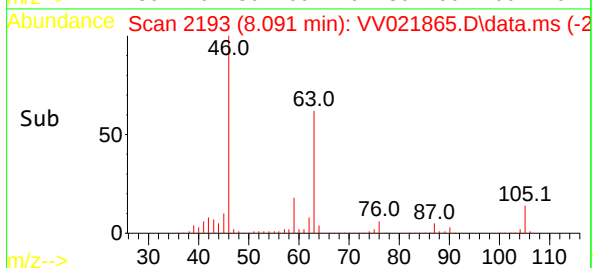
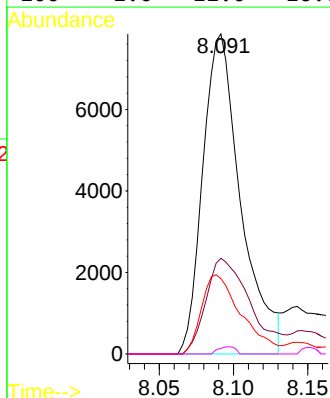
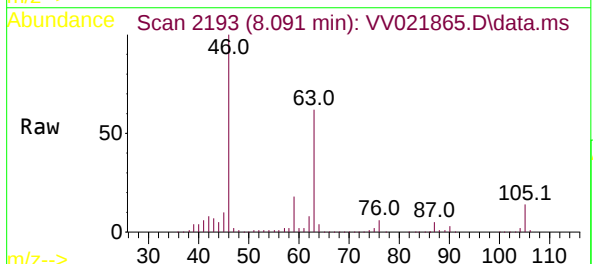
Instrument :
MSVOA_V
ClientSampleId :

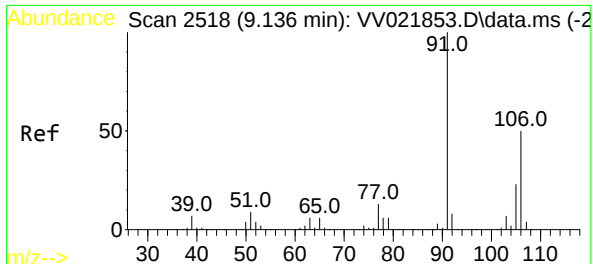
Tgt Ion: 63 Resp: 16682
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#48
2-Hexanone
Concen: 4.404 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

Tgt Ion: 43 Resp: 13971
Ion Ratio Lower Upper
43 100
58 35.4 45.4 68.2#
57 25.9 15.3 22.9#
100 1.0 11.0 16.6#

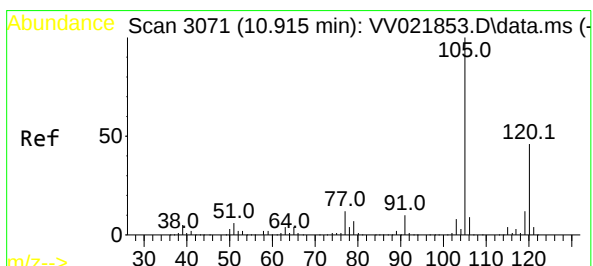
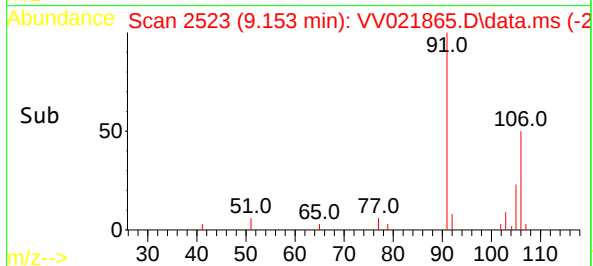
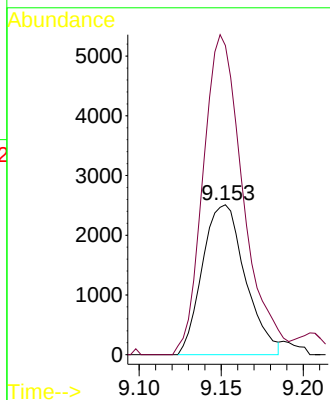
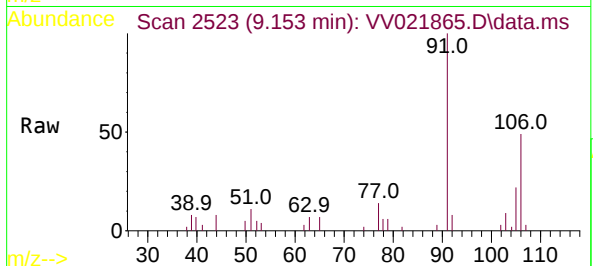




#53
m,p-Xylene
Concen: 0.878 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

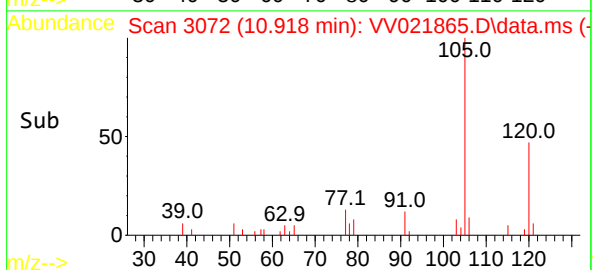
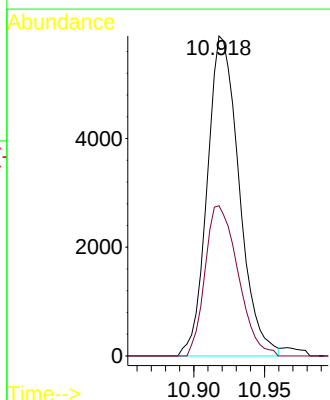
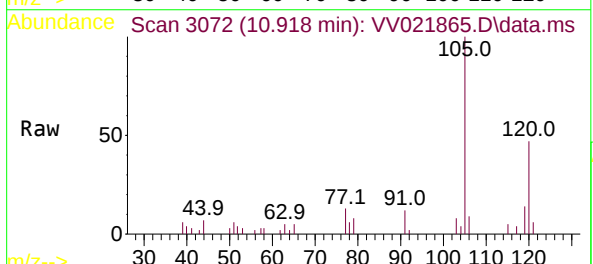
Instrument :
MSVOA_V
ClientSampled :

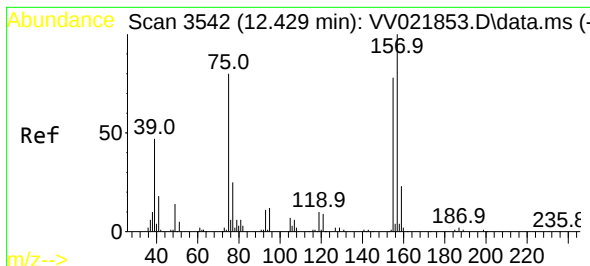
Tgt Ion:106 Resp: 4560
Ion Ratio Lower Upper
106 100
91 206.1 139.2 258.6



#63
1,2,4-Trimethylbenzene
Concen: 0.844 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

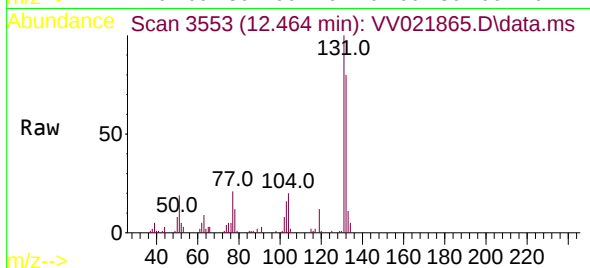
Tgt Ion:105 Resp: 9221
Ion Ratio Lower Upper
105 100
120 48.4 37.3 55.9



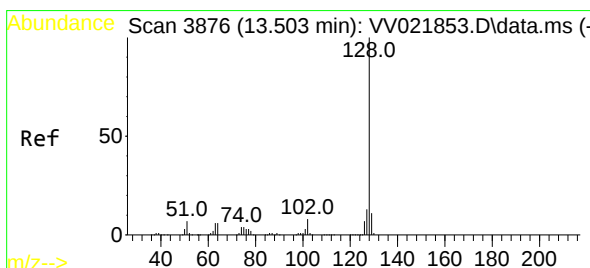
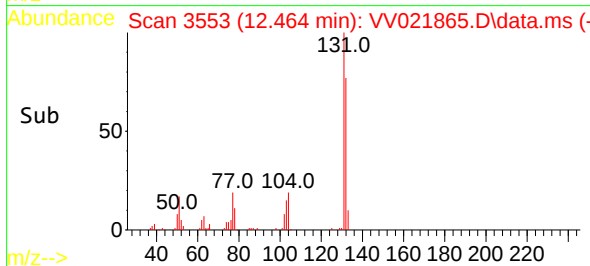
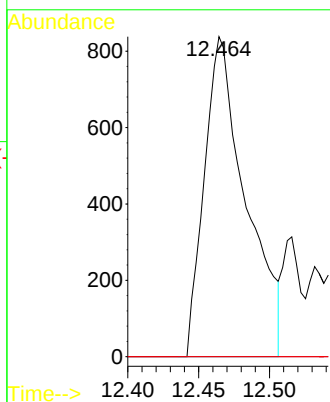


#68
1,2-Dibromo-3-chloropropane
Concen: 1.985 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.035 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 75 Resp: 1704
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#



#71
Naphthalene
Concen: 4.131 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021865.D
Acq: 18 Aug 2021 15:05

Tgt Ion: 128 Resp: 45252
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.1 8.5 12.7

