

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028794.D
 Acq On : 31 Oct 2022 20:43
 Operator : SY/MD
 Sample : N5321-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

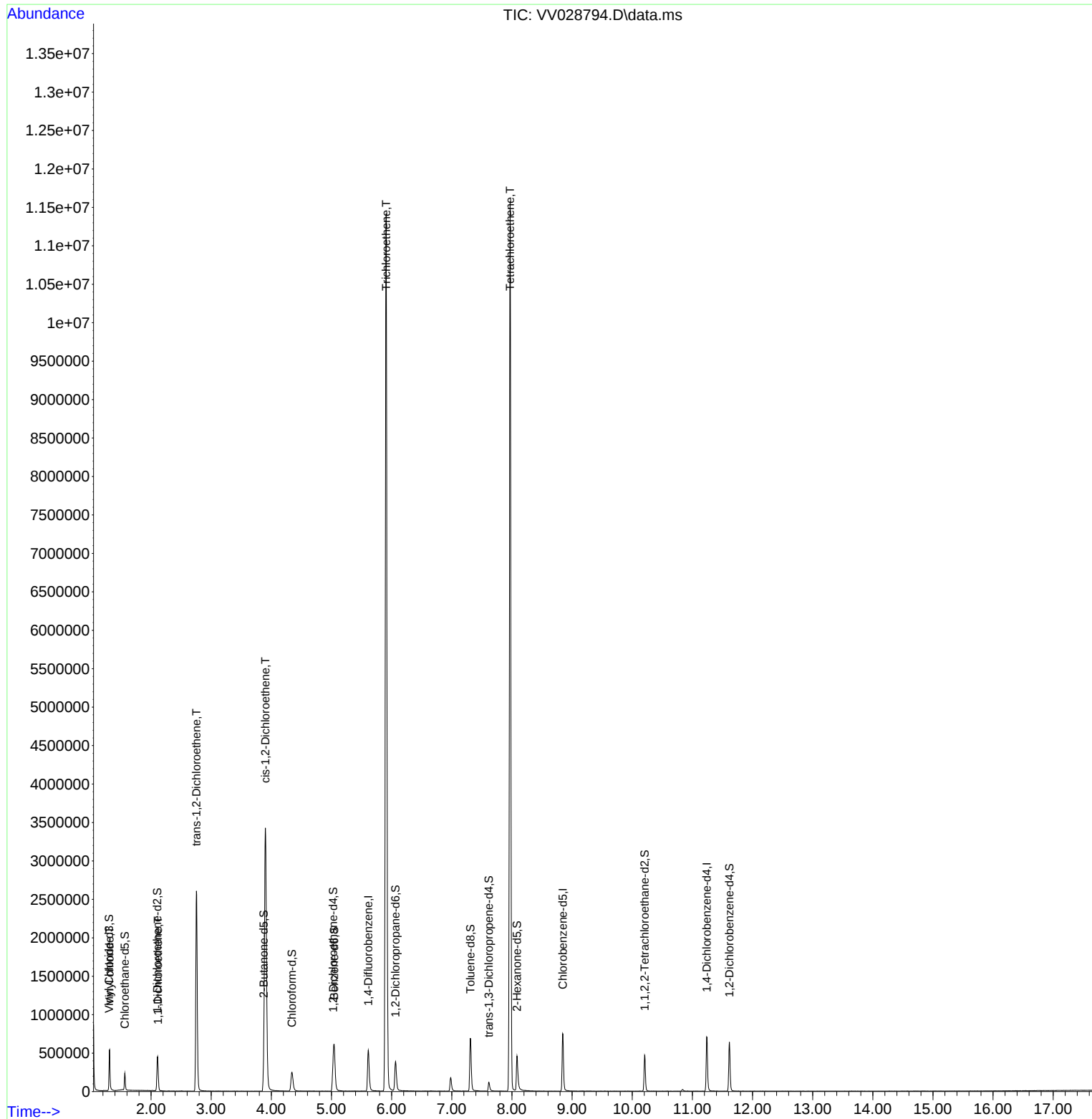
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	420898	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	372115	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	165487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135163	33.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.760%
7) Chloroethane-d5	1.565	69	135100	39.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.220%
11) 1,1-Dichloroethene-d2	2.105	63	230428	30.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.720%
21) 2-Butanone-d5	3.873	46	258656	89.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.050%
24) Chloroform-d	4.343	84	244144	40.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.140%
26) 1,2-Dichloroethane-d4	5.027	65	175034	43.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
32) Benzene-d6	5.044	84	512448	44.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
36) 1,2-Dichloropropane-d6	6.066	67	182575	45.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	7.310	98	436434	42.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.480%
43) trans-1,3-Dichloroprop...	7.616	79	63480	41.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
47) 2-Hexanone-d5	8.085	63	158436	87.909	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.910%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	229251	43.593	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.180%
66) 1,2-Dichlorobenzene-d4	11.616	152	146258	44.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.540%
Target Compounds						
5) Vinyl chloride	1.311	62	248511	52.516	ug/L	98
12) 1,1-Dichloroethene	2.118	96	31757	10.116	ug/L #	24
17) trans-1,2-Dichloroethene	2.754	96	870491	286.673	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	1712025	510.992	ug/L #	99
34) Trichloroethene	5.908	95	3793718	1238.320	ug/L	97
46) Tetrachloroethene	7.969	164	2147385	1011.344	ug/L	98

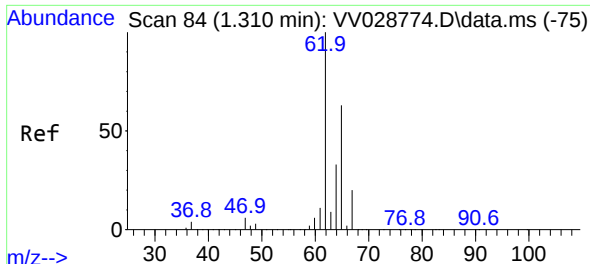
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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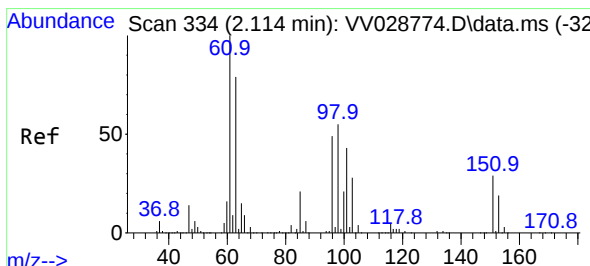
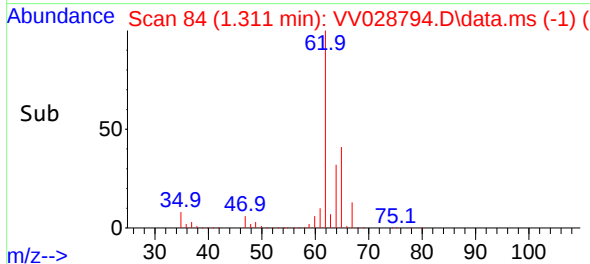
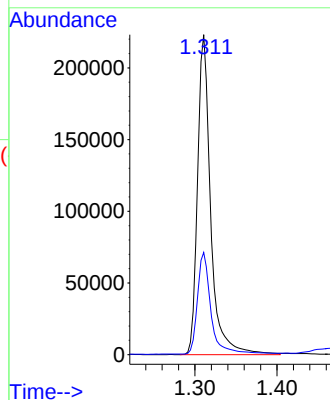
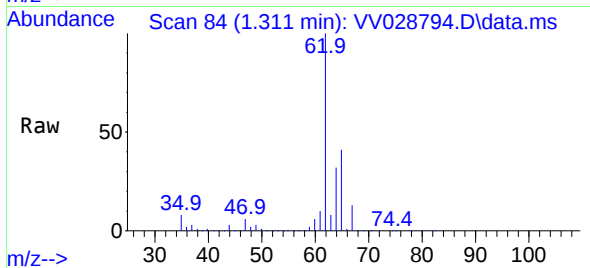




#5
 Vinyl chloride
 Concen: 52.516 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028794.D
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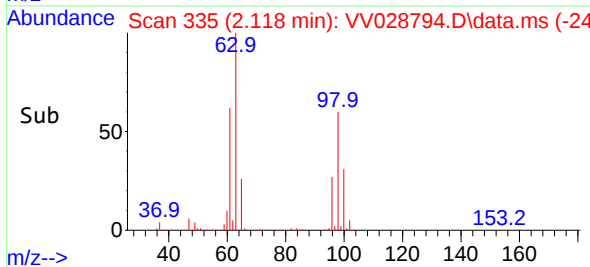
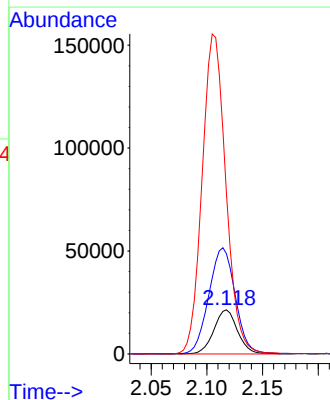
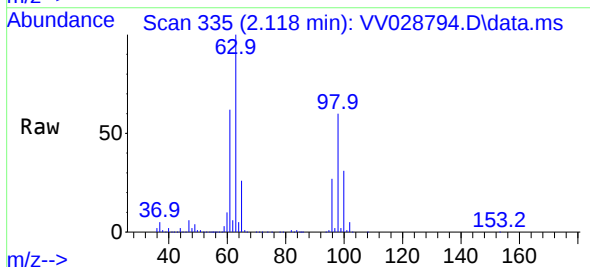
Instrument :
 MSVOA_V
 ClientSampleId :

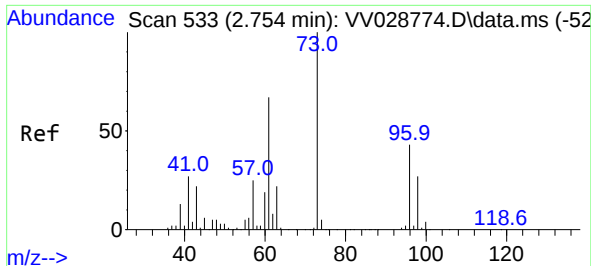
Tgt Ion: 62 Resp: 248511
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 10.116 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028794.D
 Acq: 31 Oct 2022 20:43

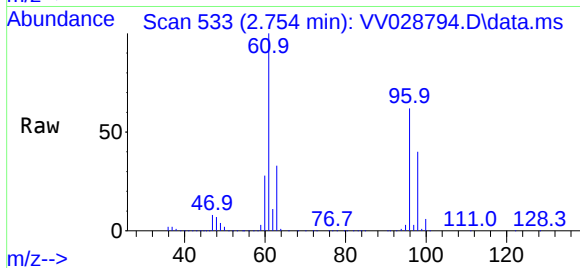
Tgt Ion: 96 Resp: 31757
 Ion Ratio Lower Upper
 96 100
 61 227.2 142.7 265.1
 63 364.4 112.5 208.9#



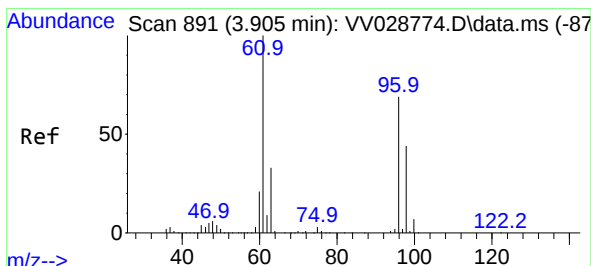
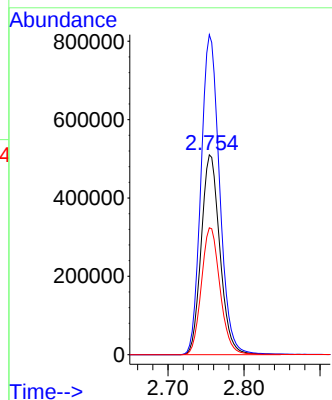
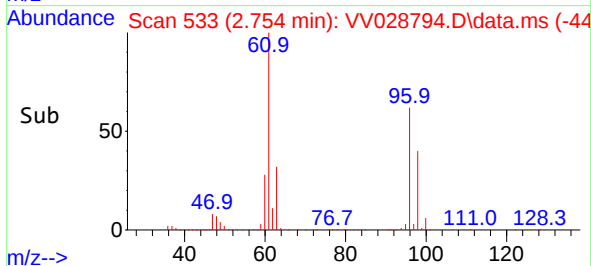


#17
trans-1,2-Dichloroethene
Concen: 286.673 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV028794.D
Acq: 31 Oct 2022 20:43

Instrument :
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ClientSampleId :

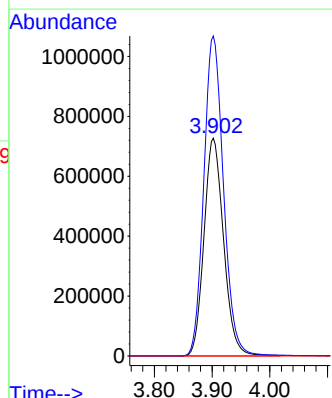
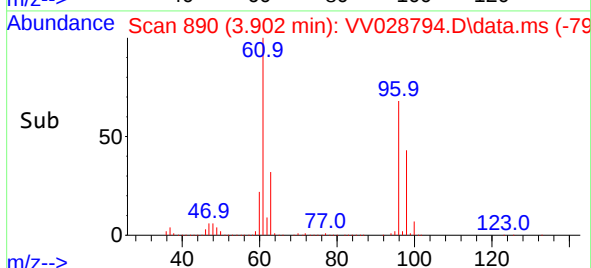
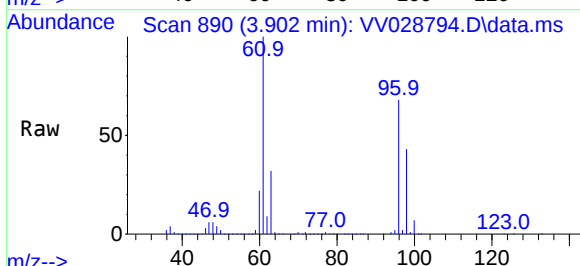


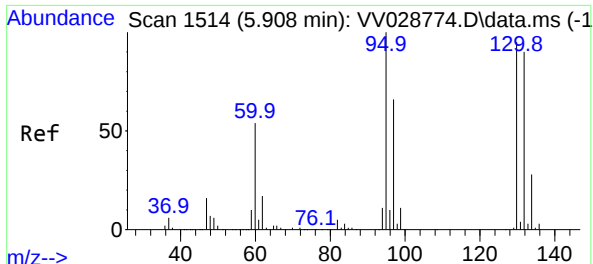
Tgt Ion: 96 Resp: 870491
Ion Ratio Lower Upper
96 100
61 160.2 109.4 203.2
98 63.5 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 510.992 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028794.D
Acq: 31 Oct 2022 20:43

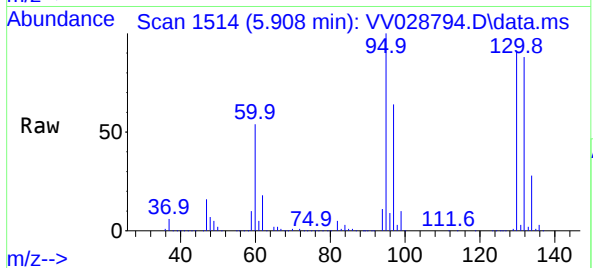
Tgt Ion: 96 Resp: 1712025
Ion Ratio Lower Upper
96 100
61 146.9 102.3 190.1
68 0.0 0.1 0.3#





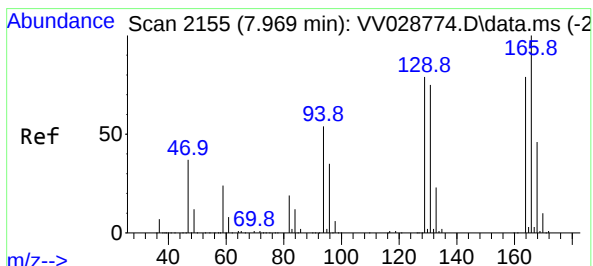
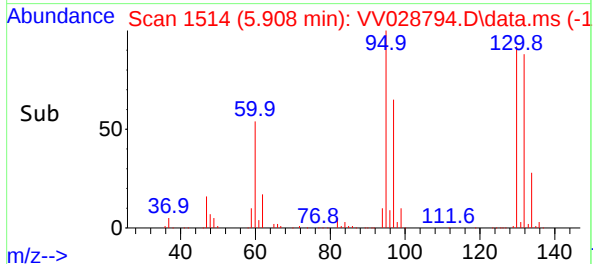
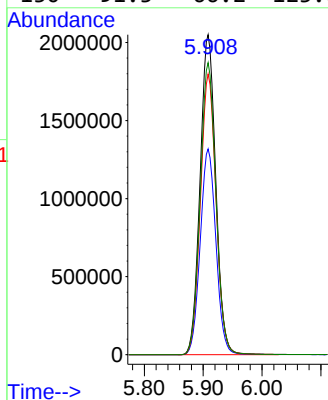
#34
Trichloroethene
Concen: 1238.320 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028794.D
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Tgt Ion: 95 Resp: 3793718

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.2	85.8
132	87.7	63.2	117.4
130	91.3	66.2	123.0



#46
Tetrachloroethene
Concen: 1011.344 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028794.D
Acq: 31 Oct 2022 20:43

Tgt Ion:164 Resp: 2147385

Ion	Ratio	Lower	Upper
164	100		
129	102.2	69.5	129.1
131	97.2	66.4	123.2
166	124.8	88.5	164.3

