

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037601.D
 Acq On : 27 Sep 2024 13:28
 Operator : SY/MD
 Sample : P4184-08
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY036

Quant Time: Sep 27 23:48:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

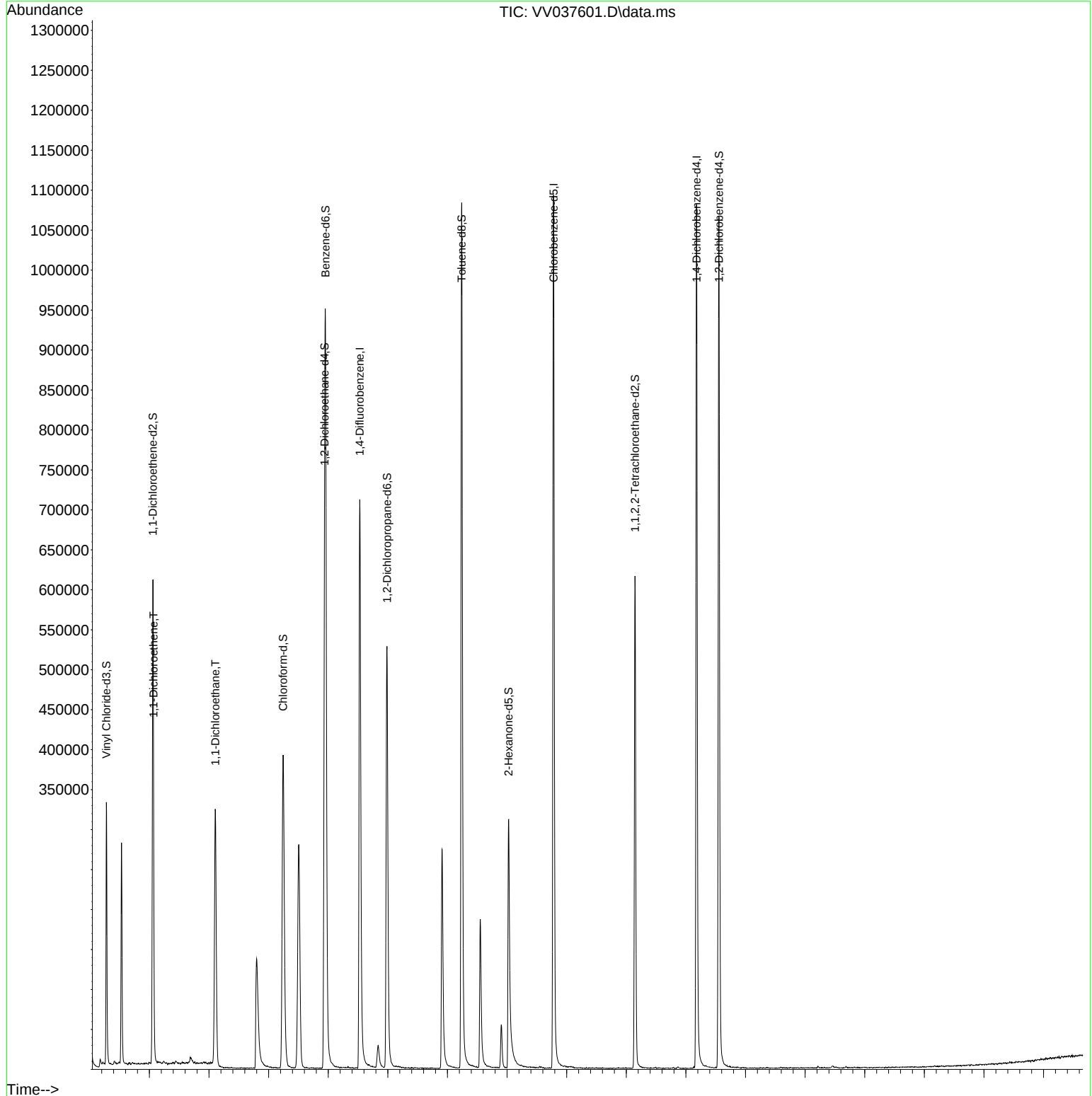
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	636308	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	611283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	281415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217784	38.989	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.980%		
7) Chloroethane-d5	1.532	69	181702	41.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.820%		
11) 1,1-Dichloroethene-d2	2.060	65	96057	41.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.320%		
21) 2-Butanone-d5	3.796	46	177624	89.279	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.280%		
24) Chloroform-d	4.243	84	426289	42.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.800%		
26) 1,2-Dichloroethane-d4	4.937	65	259792	44.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.320%		
32) Benzene-d6	4.953	84	841094	43.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.940%		
36) 1,2-Dichloropropane-d6	5.985	67	270894	44.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.940%		
41) Toluene-d8	7.239	98	739386	42.628	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.260%		
43) trans-1,3-Dichloroprop...	7.551	79	116867	41.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.600%		
47) 2-Hexanone-d5	8.024	63	108661	84.484	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.480%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	305635	43.185	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.380%		
66) 1,2-Dichlorobenzene-d4	11.554	152	279013	47.051	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.100%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.069	96	15436	3.644	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	315513	36.745	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	22623	4.511	ug/L	91
30) 1,1,1-Trichloroethane	4.506	97	234741	31.179	ug/L	99
34) Trichloroethene	5.838	95	8329	1.696	ug/L	90
46) Tetrachloroethene	7.902	164	12687	3.380	ug/L	91

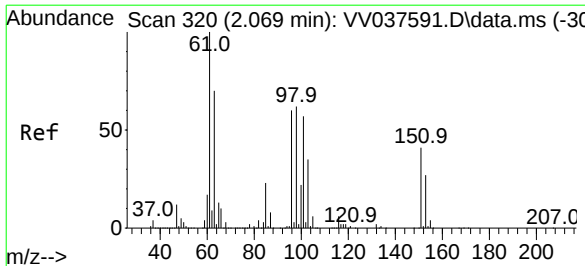
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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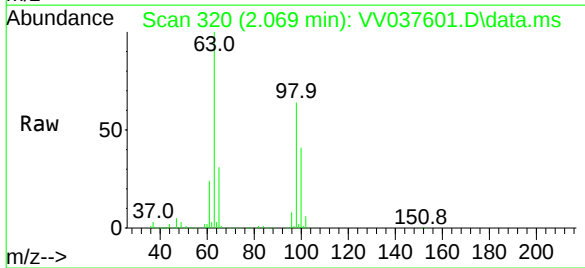
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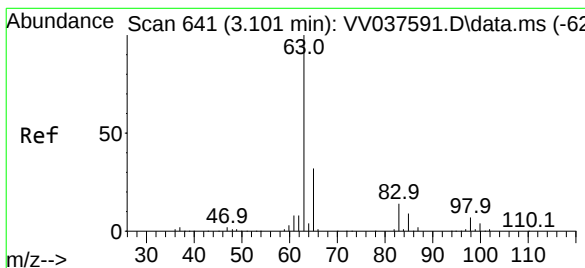
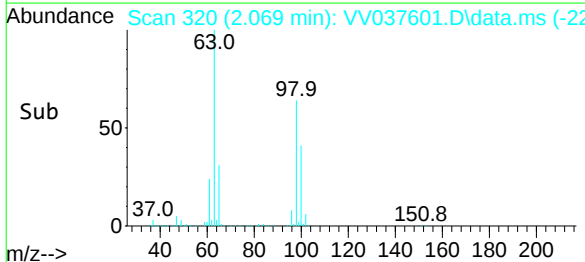
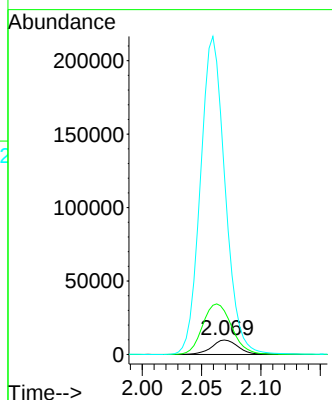


#12
1,1-Dichloroethene
Concen: 3.644 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Instrument :
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ClientSampleId :
EY036

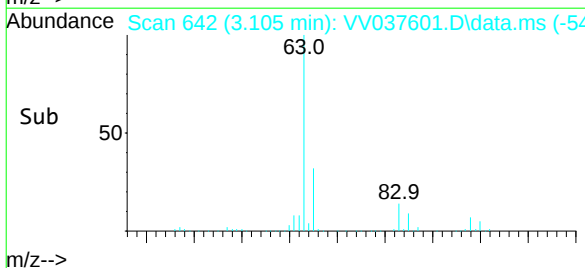
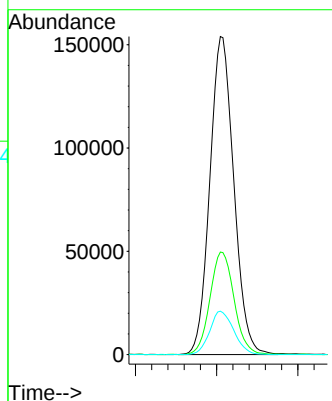
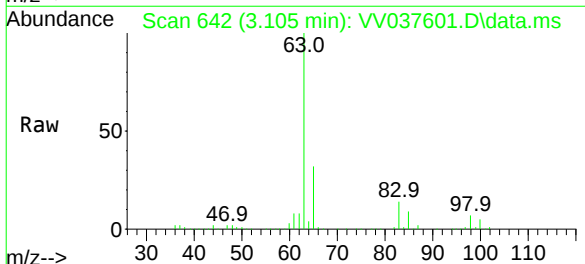


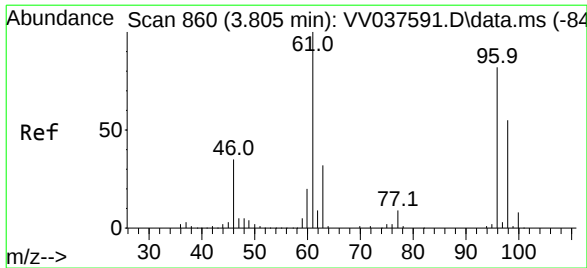
Tgt Ion: 96 Resp: 15436
Ion Ratio Lower Upper
96 100
61 301.6 122.6 227.6#
63 1248.2 118.0 219.2#



#19
1,1-Dichloroethane
Concen: 36.745 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037601.D
Acq: 27 Sep 2024 13:28

Tgt Ion: 63 Resp: 315513
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.7 9.5 17.7

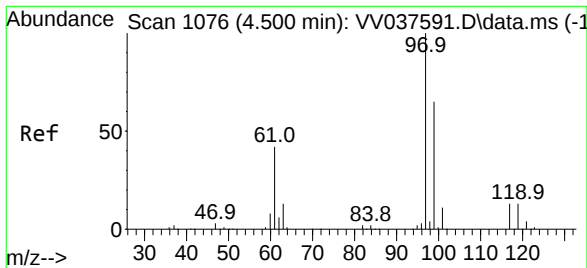
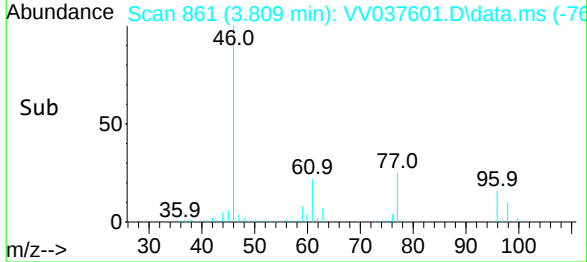
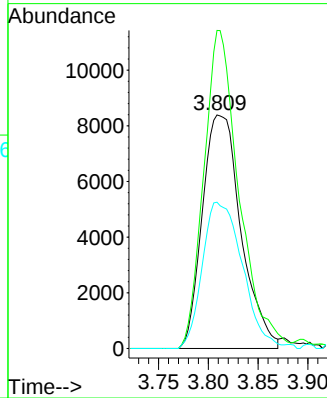
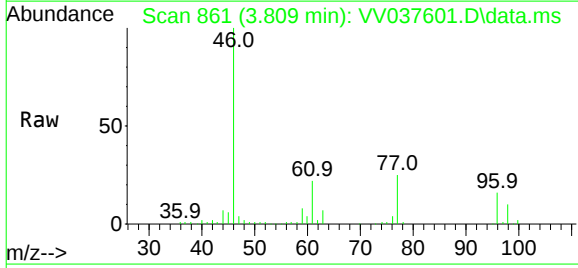




#20
 cis-1,2-Dichloroethene
 Concen: 4.511 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV037601.D
 Acq: 27 Sep 2024 13:28

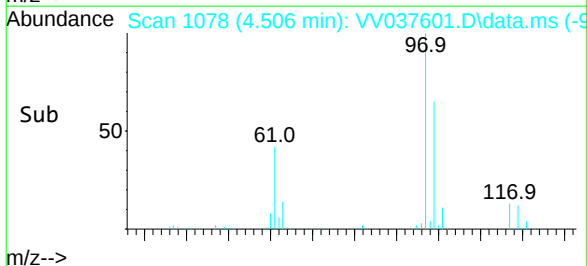
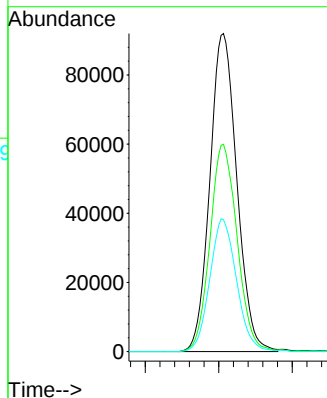
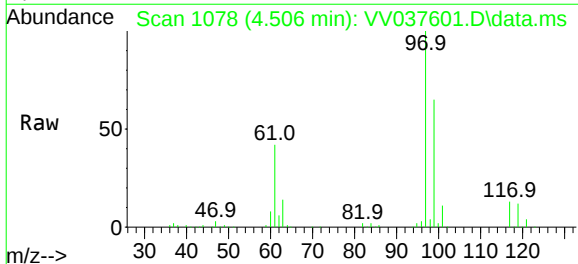
Instrument :
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 EY036

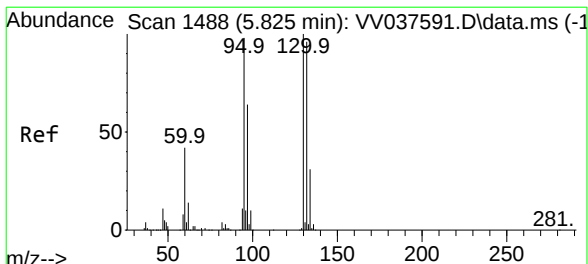
Tgt Ion:	96	Resp:	22623
Ion	Ratio	Lower	Upper
96	100		
61	136.2	85.0	157.8
98	62.6	44.2	82.0



#30
 1,1,1-Trichloroethane
 Concen: 31.179 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV037601.D
 Acq: 27 Sep 2024 13:28

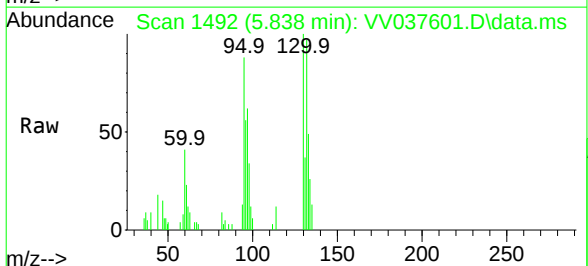
Tgt Ion:	97	Resp:	234741
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	41.3	33.6	50.4



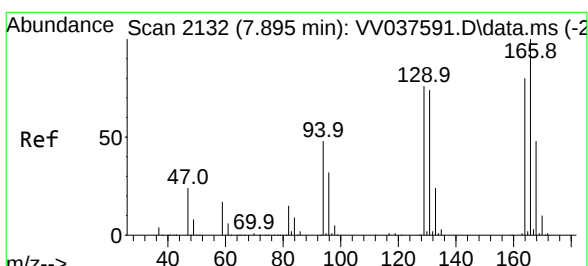
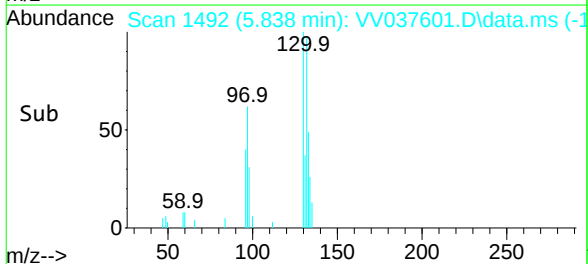
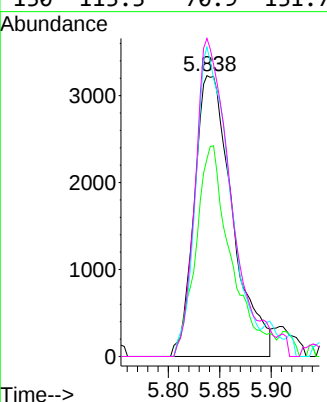


#34
 Trichloroethene
 Concen: 1.696 ug/L
 RT: 5.838 min Scan# 14
 Delta R.T. 0.013 min
 Lab File: VV037601.D
 Acq: 27 Sep 2024 13:28

Instrument :
 MSVOA_V
 ClientSampleId :
 EY036



Tgt Ion:	95	Resp:	8329
Ion	Ratio	Lower	Upper
95	100		
97	70.3	46.3	85.9
132	110.2	68.6	127.4
130	113.3	70.9	131.7



#46
 Tetrachloroethene
 Concen: 3.380 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV037601.D
 Acq: 27 Sep 2024 13:28

Tgt Ion:	164	Resp:	12687
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.2	126.6
131	81.9	66.1	122.8
166	118.7	91.1	169.1

