

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029698.D
 Acq On : 16 Dec 2022 15:23
 Operator : SY/MD
 Sample : N6034-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGPk8

Quant Time: Dec 16 20:19:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

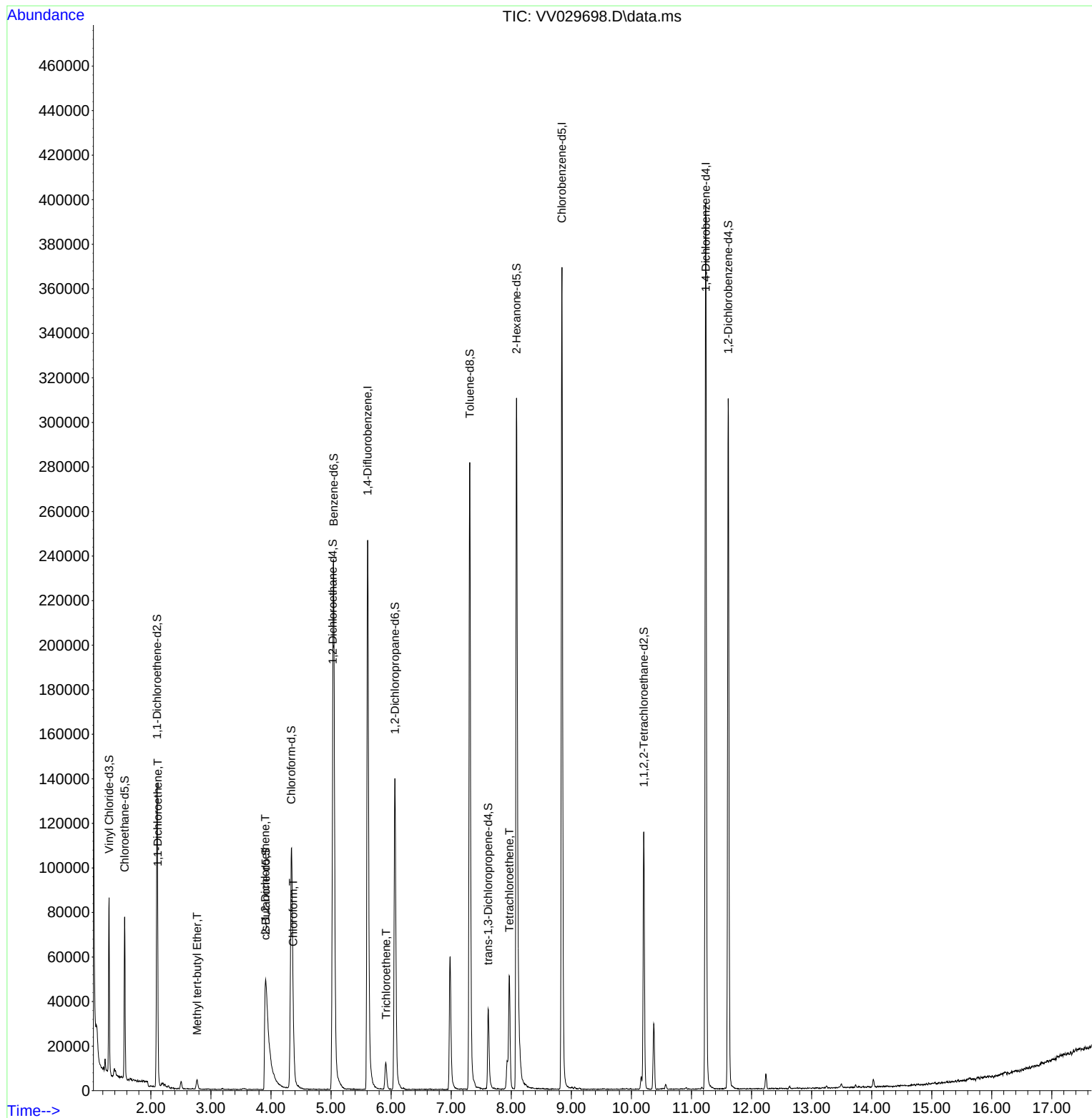
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	233040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	215157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48639	3.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.564	69	46700	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.105	63	69672	3.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.912	46	145196	60.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.040%
24) Chloroform-d	4.339	84	116195	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.027	65	54813	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.043	84	234483	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.063	67	76573	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.310	98	199713	3.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.616	79	24368	3.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	129537	56.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58281	5.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	83463	4.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	3737	0.312	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4517	0.147	ug/L #	94
22) cis-1,2-Dichloroethene	3.905	96	2948	0.187	ug/L	84
25) Chloroform	4.368	83	17166	0.664	ug/L	94
34) Trichloroethene	5.915	95	4381	0.267	ug/L	90
47) Tetrachloroethene	7.969	164	12634	0.939	ug/L	95

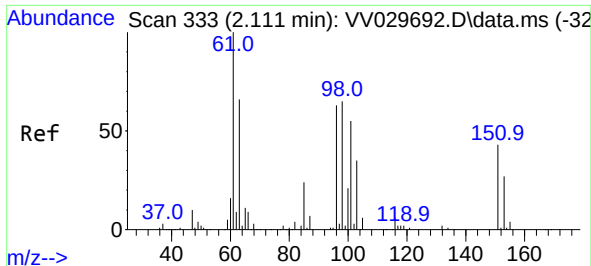
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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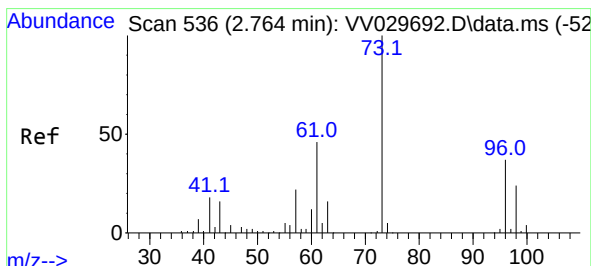
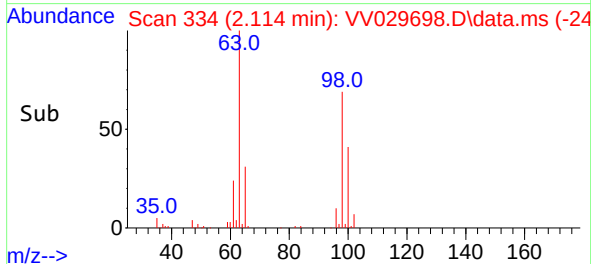
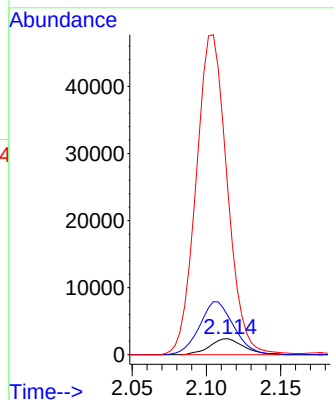
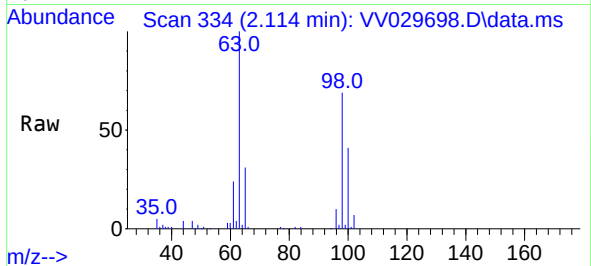




#12
1,1-Dichloroethene
Concen: 0.312 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

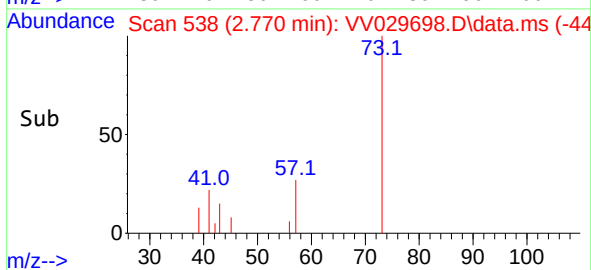
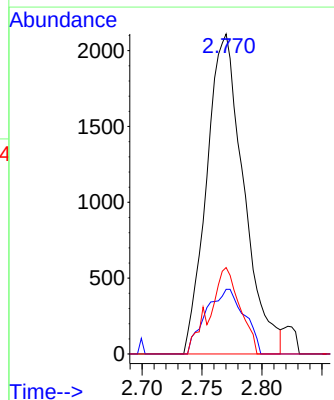
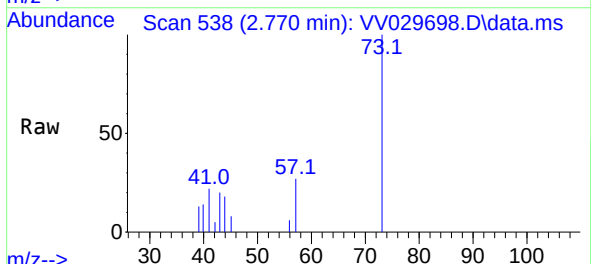
Instrument :
MSVOA_V
ClientSampleId :
BGPk8

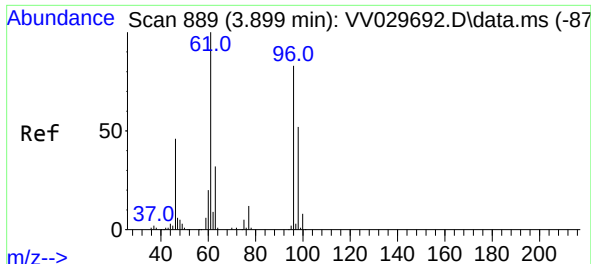
Tgt Ion: 96 Resp: 3737
Ion Ratio Lower Upper
96 100
61 244.4 110.3 204.9#
63 1038.2 84.4 156.8#



#17
Methyl tert-butyl Ether
Concen: 0.147 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Tgt Ion: 73 Resp: 4517
Ion Ratio Lower Upper
73 100
43 21.1 13.2 19.8#
57 22.0 16.9 25.3

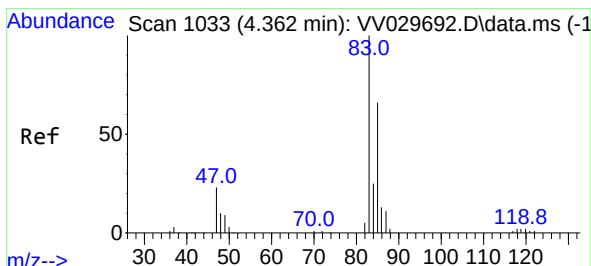
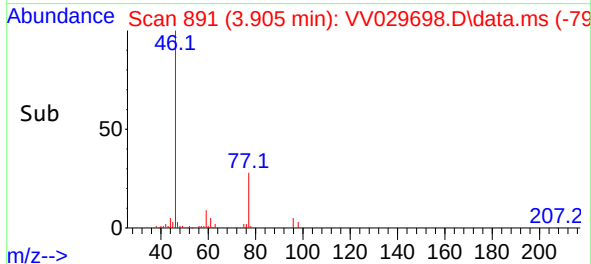
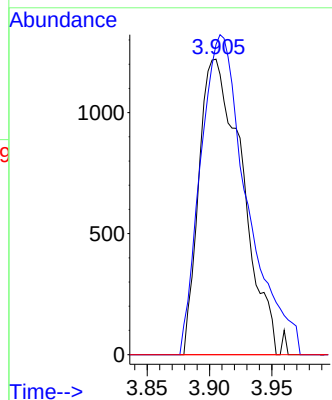
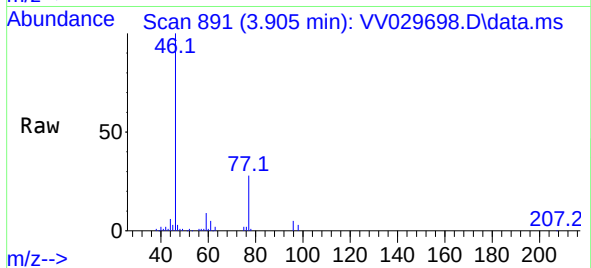




#22
 cis-1,2-Dichloroethene
 Concen: 0.187 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV029698.D
 Acq: 16 Dec 2022 15:23

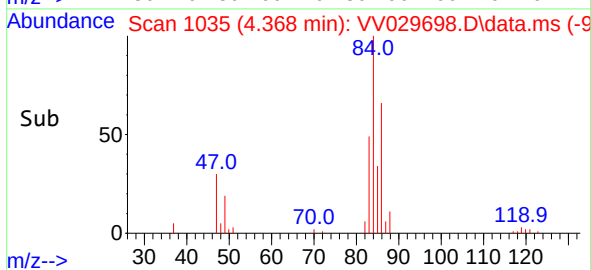
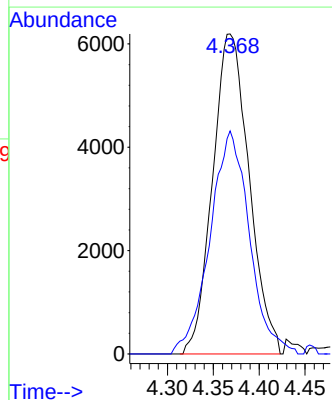
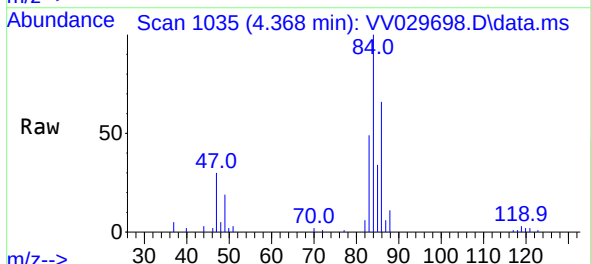
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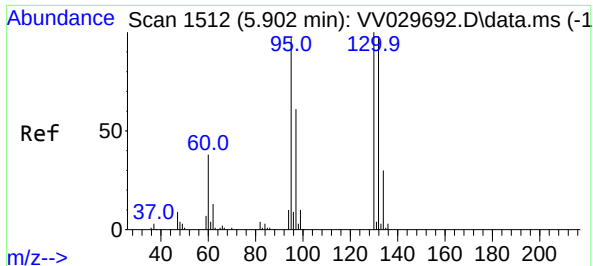
Tgt Ion: 96 Resp: 2948
 Ion Ratio Lower Upper
 96 100
 61 105.0 85.8 159.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.664 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VV029698.D
 Acq: 16 Dec 2022 15:23

Tgt Ion: 83 Resp: 17166
 Ion Ratio Lower Upper
 83 100
 85 69.7 45.4 84.4



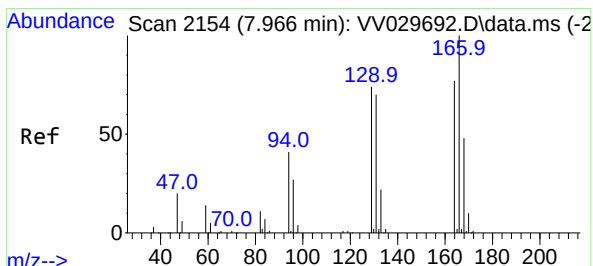
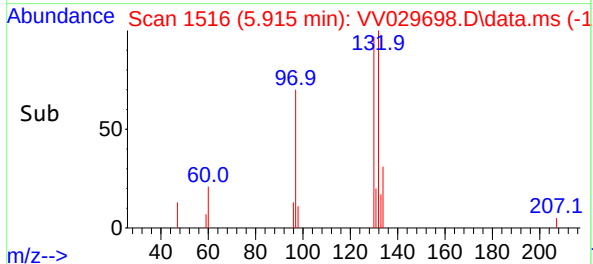
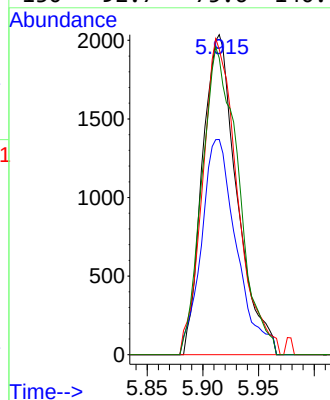
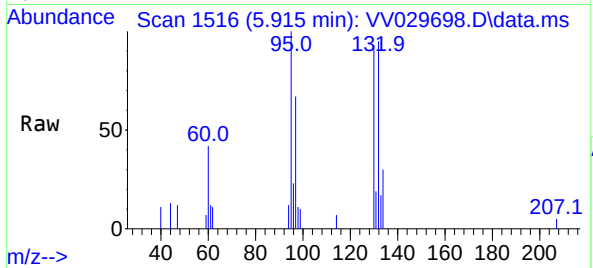


#34
Trichloroethene
Concen: 0.267 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Instrument :
MSVOA_V
ClientSampleId :
BGPk8

Tgt Ion: 95 Resp: 4381

Ion	Ratio	Lower	Upper
95	100		
97	67.2	45.4	84.4
132	95.4	73.3	136.1
130	92.7	75.6	140.4



#47
Tetrachloroethene
Concen: 0.939 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029698.D
Acq: 16 Dec 2022 15:23

Tgt Ion: 164 Resp: 12634

Ion	Ratio	Lower	Upper
164	100		
129	91.1	61.7	114.7
131	86.9	62.9	116.9
166	116.8	88.5	164.3

