

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029695.D
 Acq On : 16 Dec 2022 14:11
 Operator : SY/MD
 Sample : N6034-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGP5

Quant Time: Dec 16 20:18:29 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)

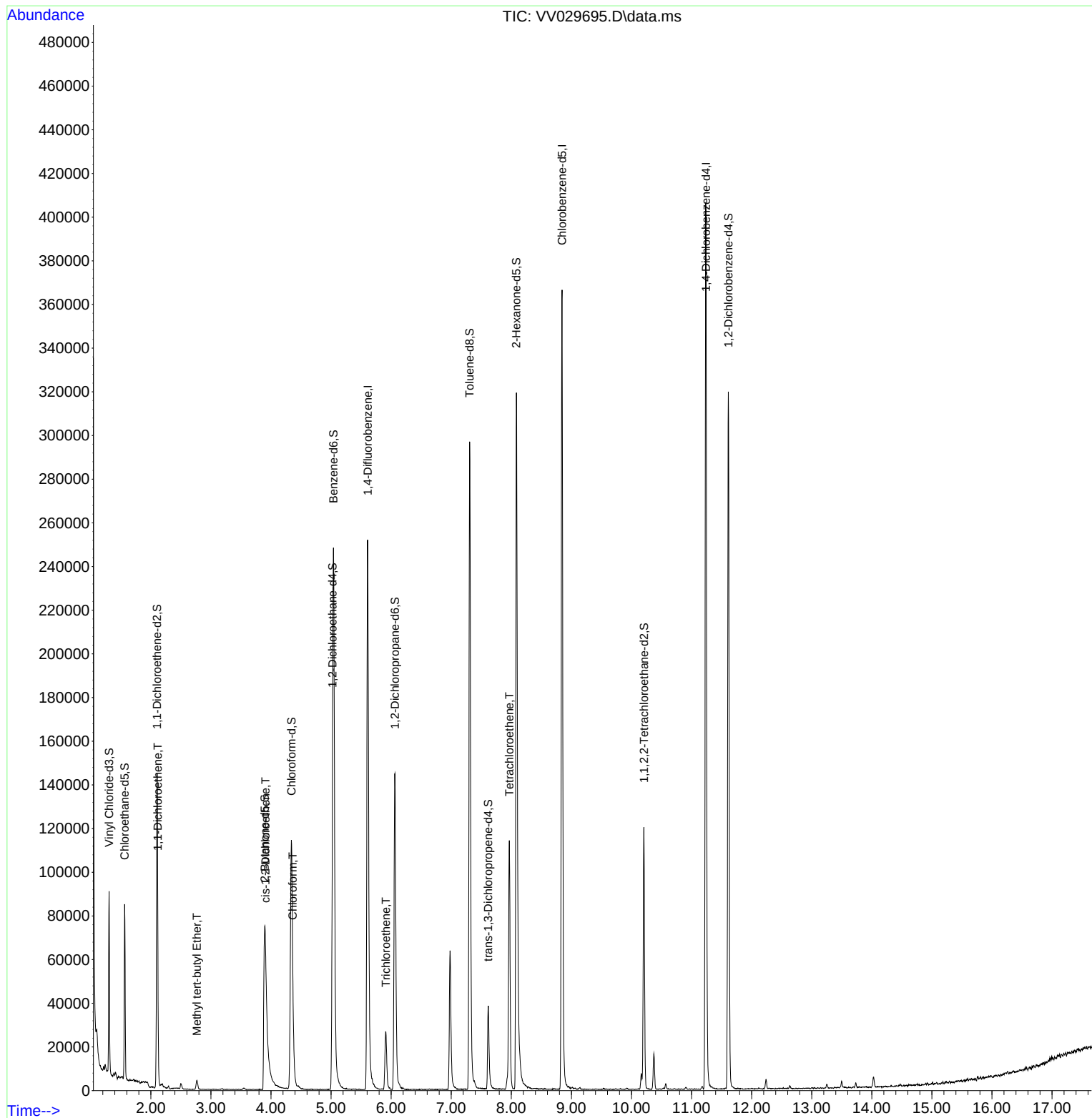
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	240551	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	217964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51618	3.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.565	69	50443	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	73402	3.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.896	46	146484	59.151	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.300%
24) Chloroform-d	4.339	84	122204	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.024	65	56429	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.040	84	247477	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.063	67	78722	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.307	98	213750	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.616	79	25338	3.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	127810	54.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	59049	5.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	89635	4.541	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4334	0.350	ug/L	# 1
17) Methyl tert-butyl Ether	2.767	73	4137	0.131	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	8490	0.523	ug/L	94
25) Chloroform	4.362	83	17124	0.642	ug/L	97
34) Trichloroethene	5.912	95	10127	0.609	ug/L	91
47) Tetrachloroethene	7.966	164	27878	2.045	ug/L	97

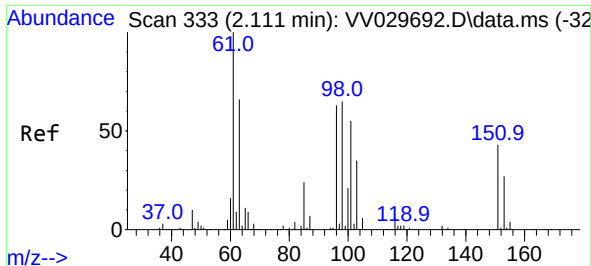
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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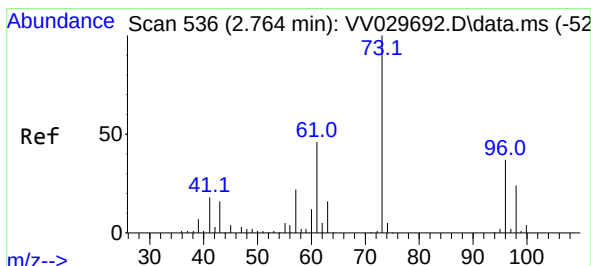
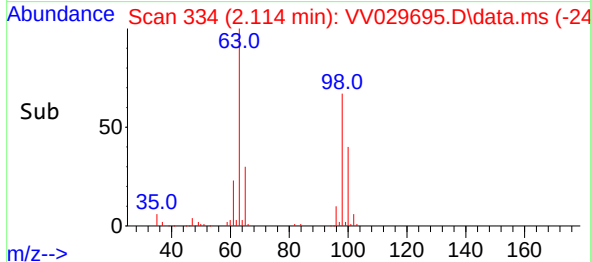
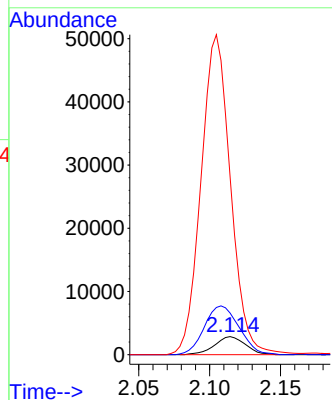
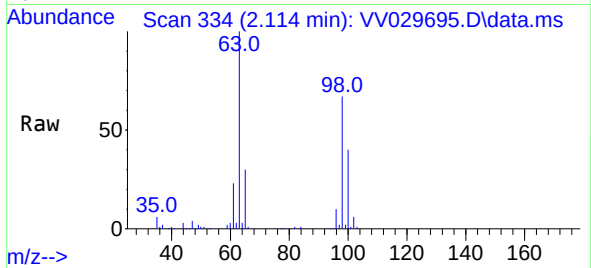




#12
1,1-Dichloroethene
Concen: 0.350 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

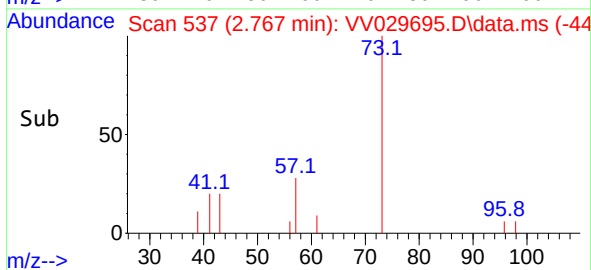
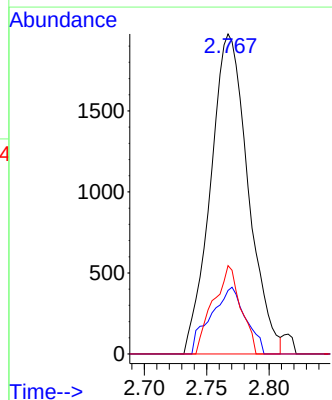
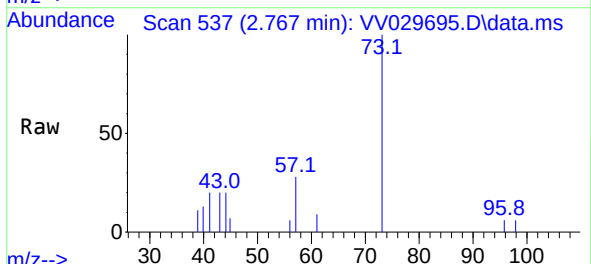
Instrument :
MSVOA_V
ClientSampleId :
BGPK5

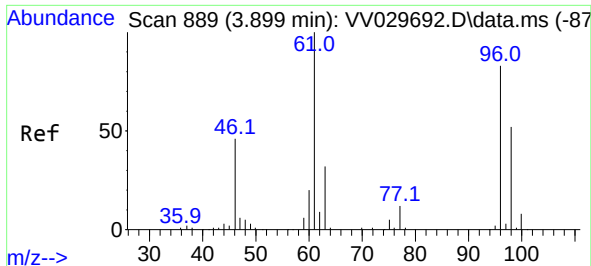
Tgt Ion: 96 Resp: 4334
Ion Ratio Lower Upper
96 100
61 229.7 110.3 204.9#
63 980.7 84.4 156.8#



#17
Methyl tert-butyl Ether
Concen: 0.131 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

Tgt Ion: 73 Resp: 4137
Ion Ratio Lower Upper
73 100
43 19.3 13.2 19.8
57 20.3 16.9 25.3

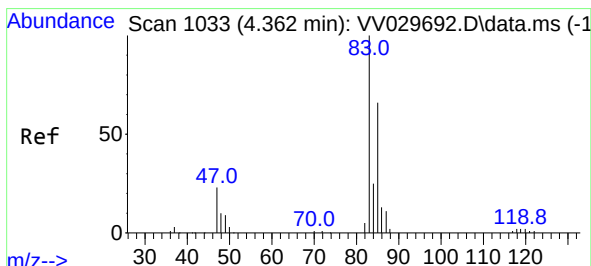
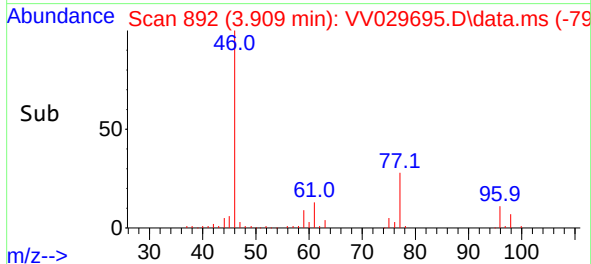
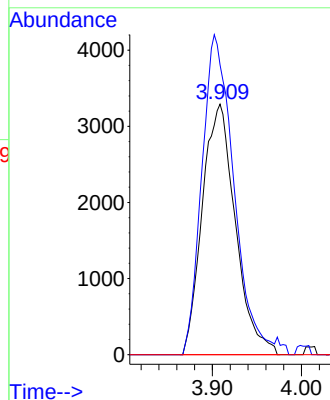
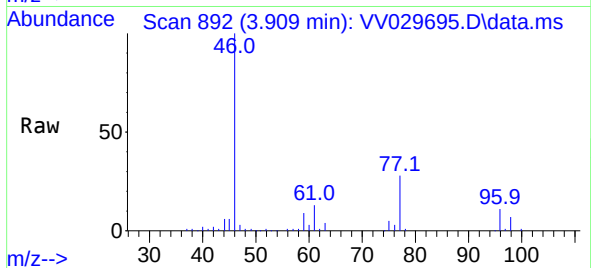




#22
cis-1,2-Dichloroethene
Concen: 0.523 ug/L
RT: 3.909 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

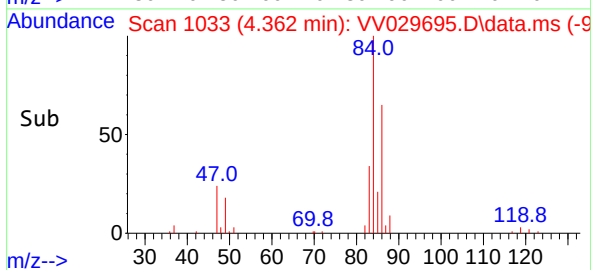
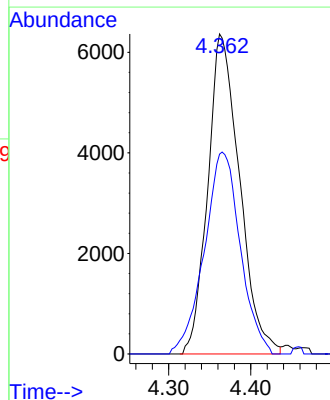
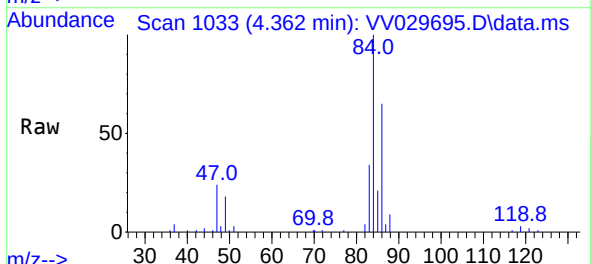
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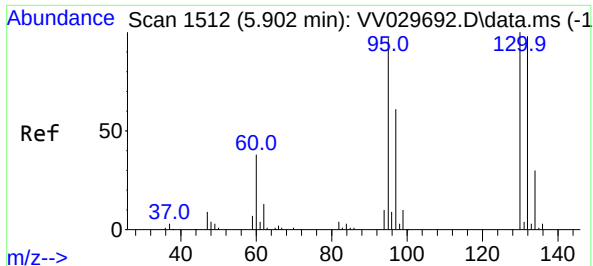
Tgt Ion: 96 Resp: 8490
Ion Ratio Lower Upper
96 100
61 115.7 85.8 159.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.642 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

Tgt Ion: 83 Resp: 17124
Ion Ratio Lower Upper
83 100
85 62.5 45.4 84.4



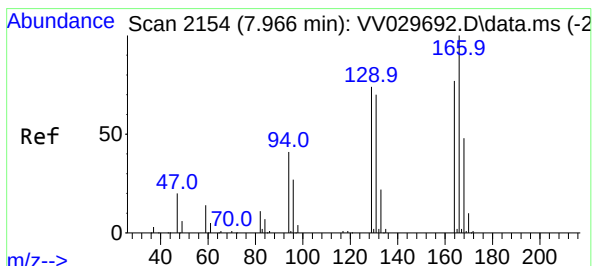
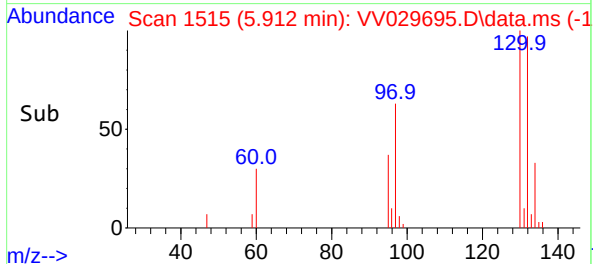
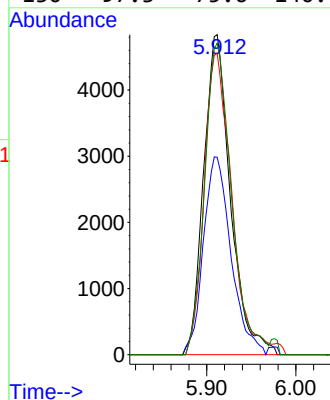
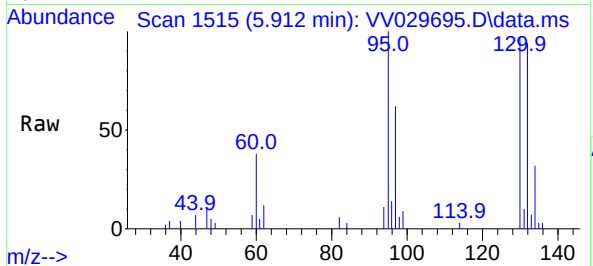


#34
Trichloroethene
Concen: 0.609 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

Instrument :
MSVOA_V
ClientSampleId :
BGPk5

Tgt Ion: 95 Resp: 10127

Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.4	84.4
132	94.3	73.3	136.1
130	97.3	75.6	140.4



#47
Tetrachloroethene
Concen: 2.045 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029695.D
Acq: 16 Dec 2022 14:11

Tgt Ion: 164 Resp: 27878

Ion	Ratio	Lower	Upper
164	100		
129	90.0	61.7	114.7
131	89.2	62.9	116.9
166	121.6	88.5	164.3

