

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055140.D
 Acq On : 06 Sep 2023 15:08
 Operator : MD/SY
 Sample : 04267-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D1

Quant Time: Sep 06 20:41:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

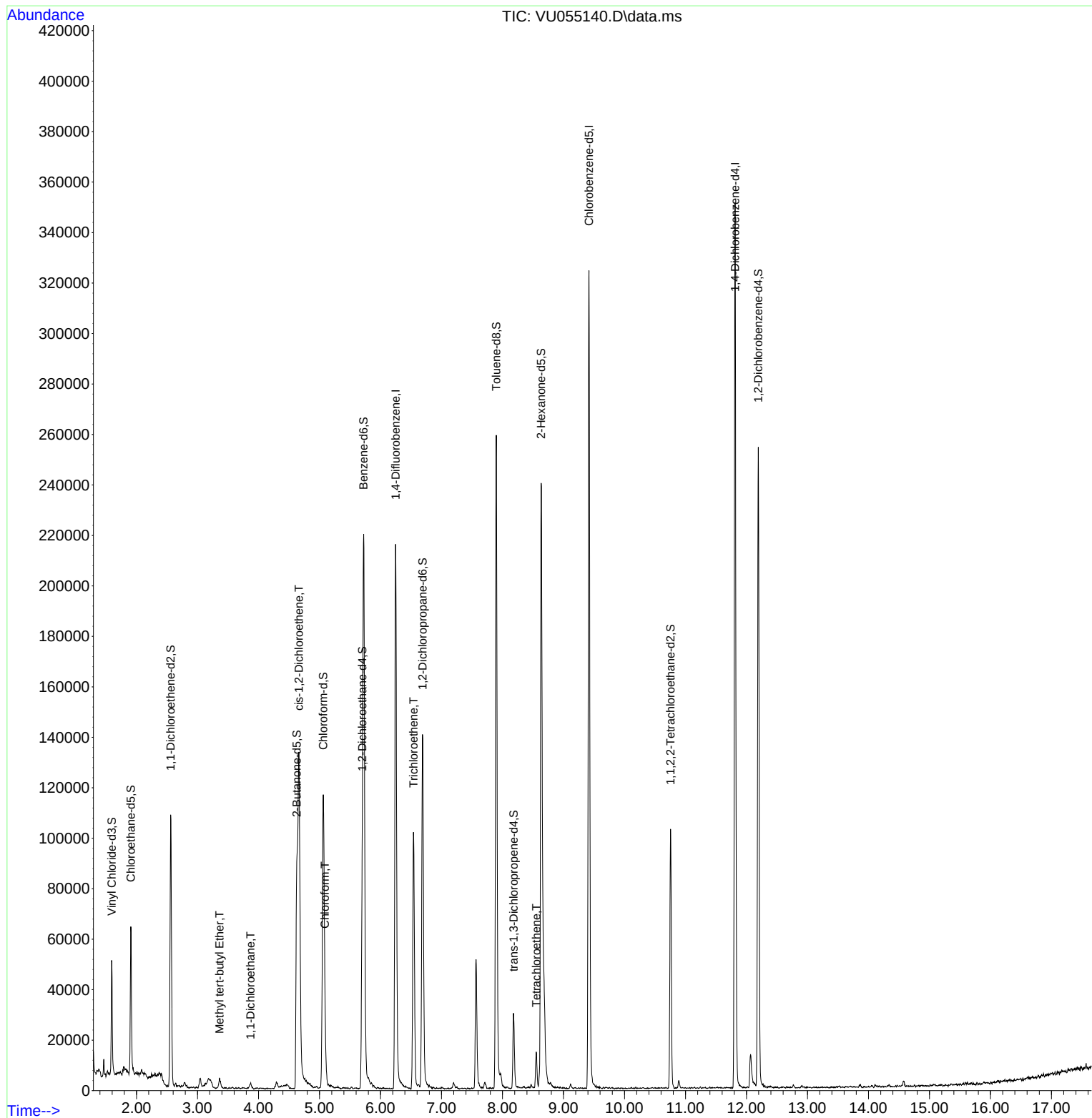
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	177290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32379	3.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.907	69	40409	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.560	65	20251	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.627	46	127200	52.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	5.062	84	103412	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	55953	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.724	84	198967	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.689	67	67012	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.897	98	172735	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.184	79	17326	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	77590	49.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50715	5.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	64375	4.943	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	3356	0.155	ug/L #	87
19) 1,1-Dichloroethane	3.869	63	2650	0.147	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	57390	5.602	ug/L	92
25) Chloroform	5.087	83	17858	0.948	ug/L	96
34) Trichloroethene	6.541	95	35059	3.343	ug/L	98
47) Tetrachloroethene	8.553	164	2744	0.379	ug/L	88

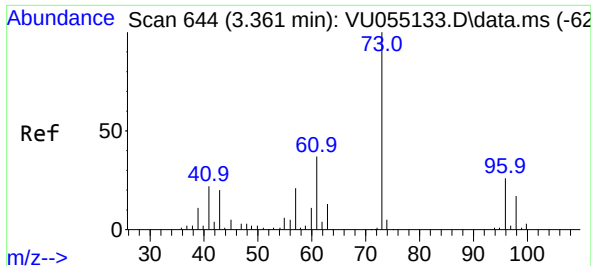
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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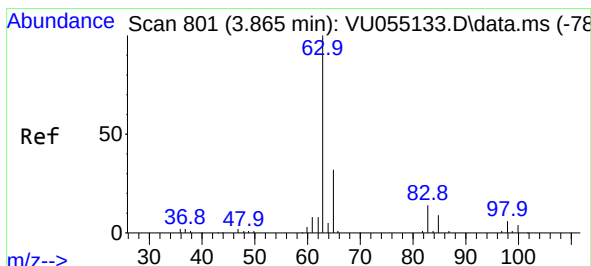
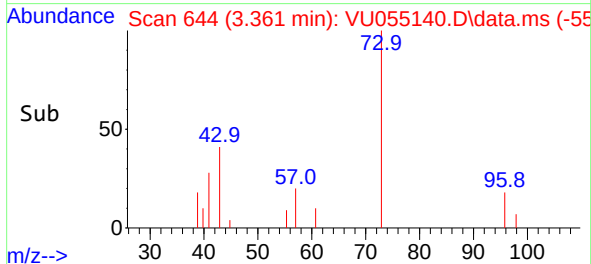
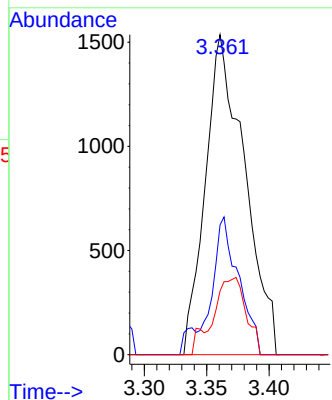
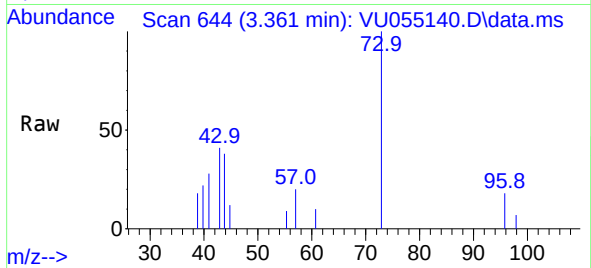




#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

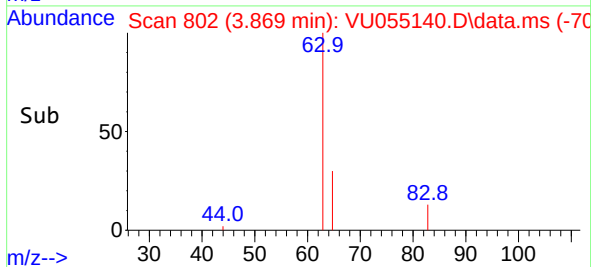
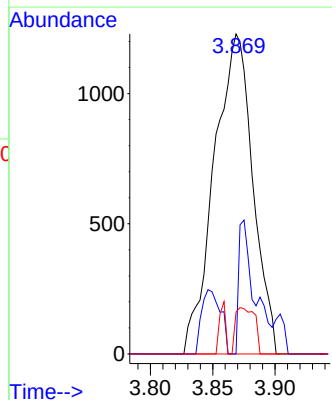
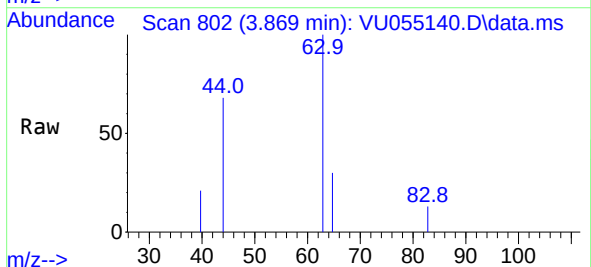
Instrument :
MSVOA_U
ClientSampleId :
BH4D1

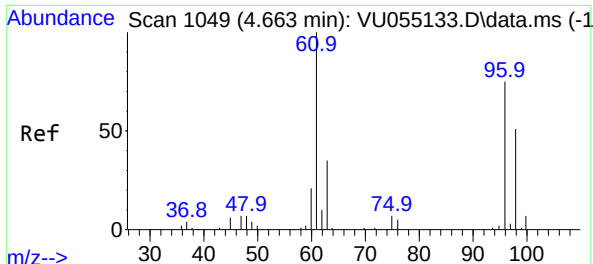
Tgt Ion: 73 Resp: 3356
Ion Ratio Lower Upper
73 100
43 28.7 16.2 24.2#
57 18.3 17.4 26.2



#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

Tgt Ion: 63 Resp: 2650
Ion Ratio Lower Upper
63 100
65 0.0 22.2 41.2#
83 13.1 10.6 19.8

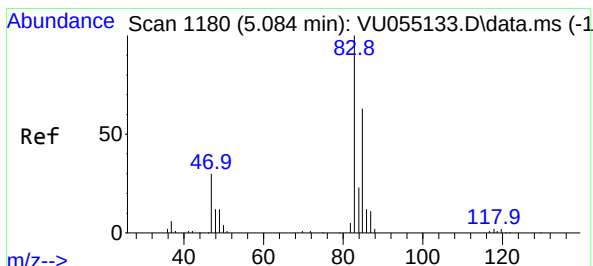
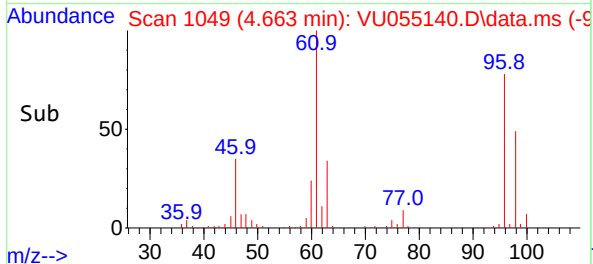
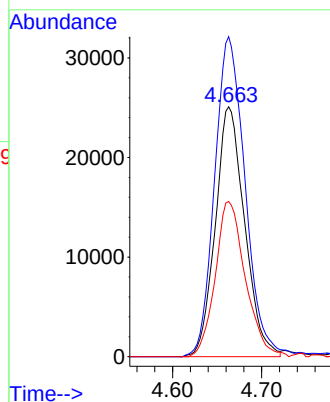
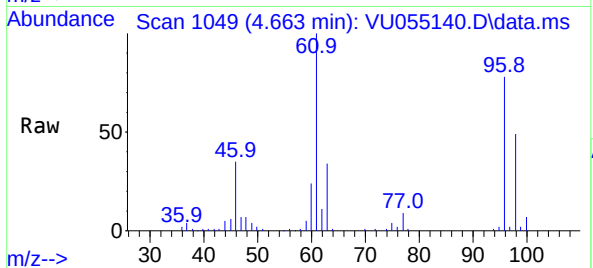




#22
cis-1,2-Dichloroethene
Concen: 5.602 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

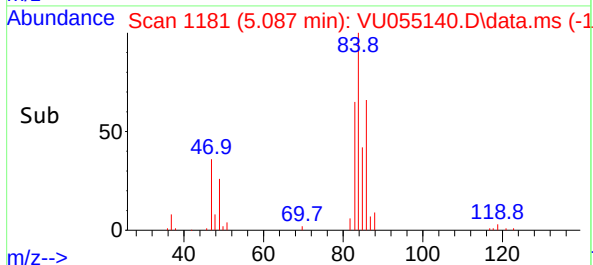
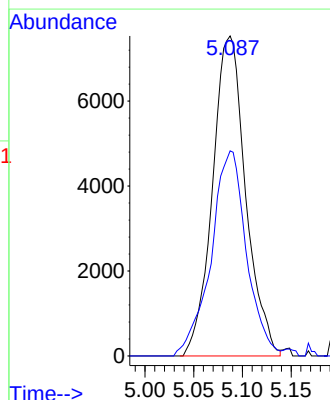
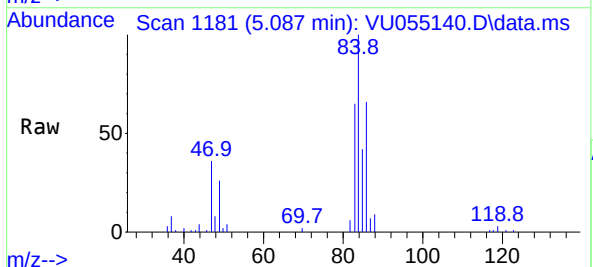
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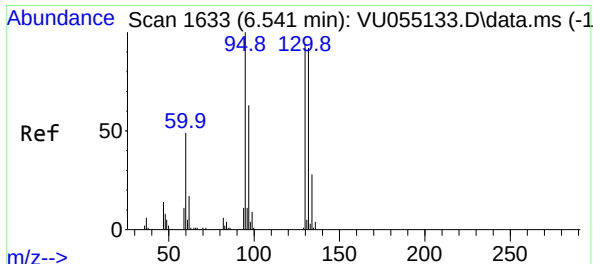
Tgt Ion: 96 Resp: 57390
Ion Ratio Lower Upper
96 100
61 128.0 97.2 180.4
98 62.1 46.1 85.7



#25
Chloroform
Concen: 0.948 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

Tgt Ion: 83 Resp: 17858
Ion Ratio Lower Upper
83 100
85 64.1 47.2 87.6



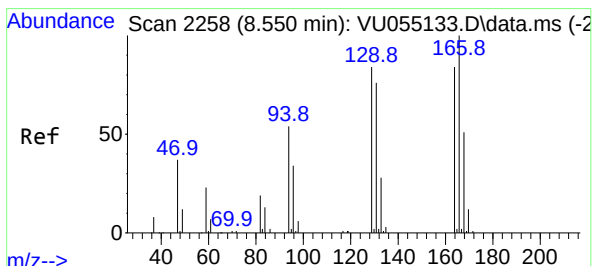
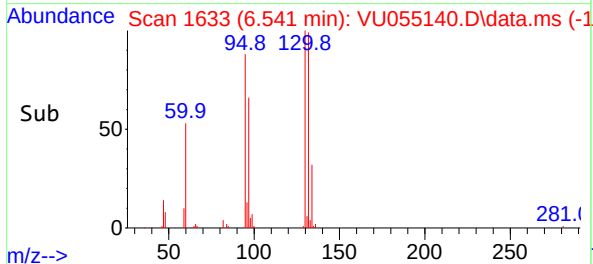
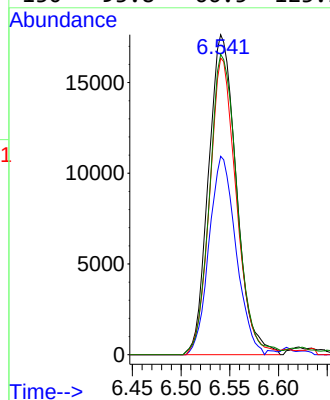
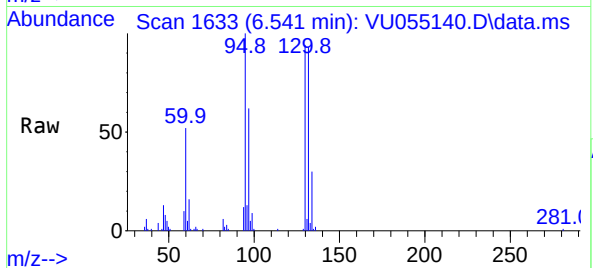


#34
Trichloroethene
Concen: 3.343 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

Instrument :
MSVOA_U
ClientSampleId :
BH4D1

Tgt Ion: 95 Resp: 35059

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.7	83.1
132	92.7	66.6	123.6
130	93.8	66.5	123.5



#47
Tetrachloroethene
Concen: 0.379 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055140.D
Acq: 06 Sep 2023 15:08

Tgt Ion: 164 Resp: 2744

Ion	Ratio	Lower	Upper
164	100		
129	108.9	69.2	128.6
131	111.6	68.8	127.8
166	145.5	92.3	171.5

