

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031408.D
 Acq On : 07 Jun 2023 18:48
 Operator : SY/MD
 Sample : 02992-06 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C07

Quant Time: Jun 08 04:26:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

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

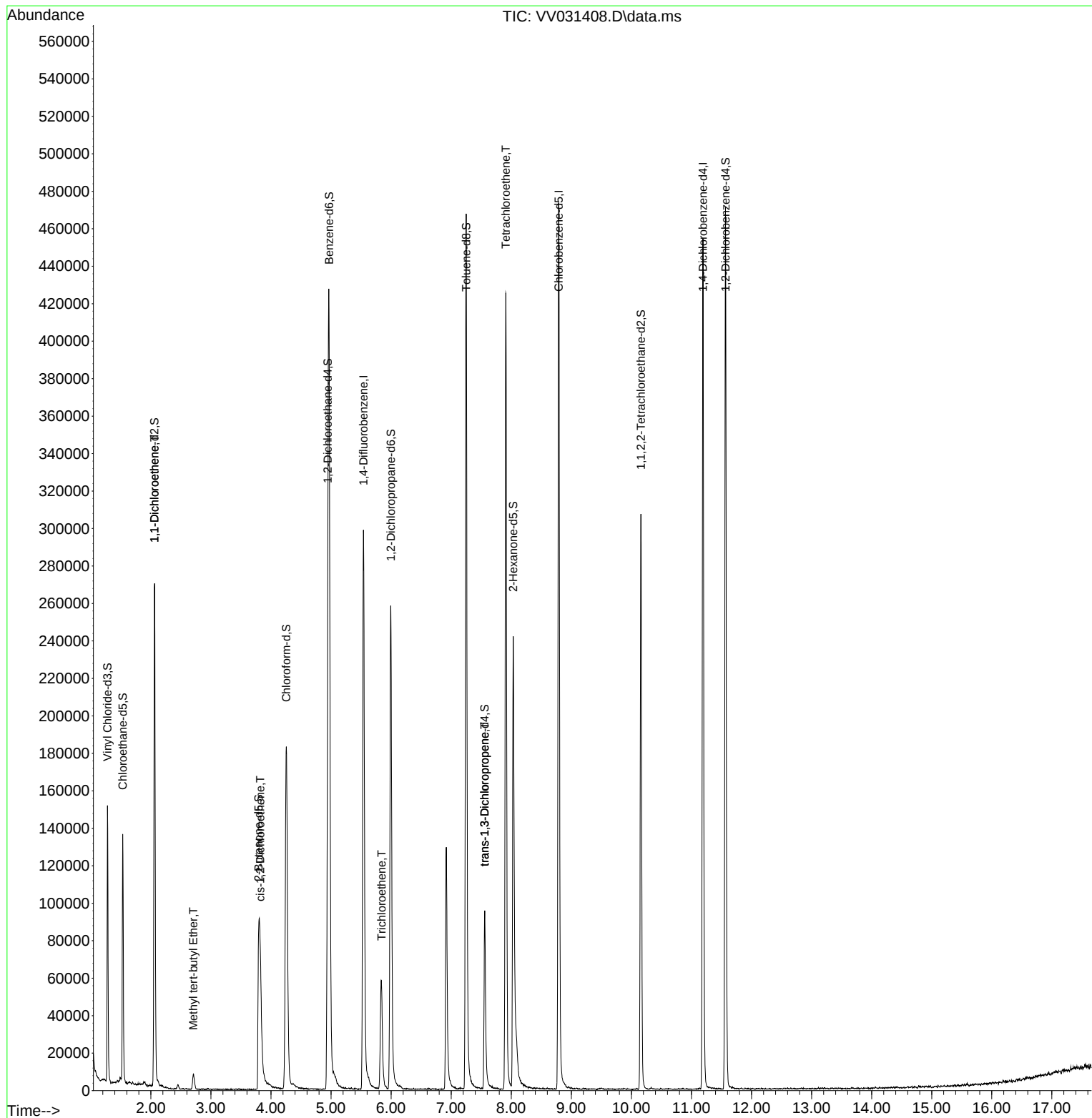
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	247081	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	248327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	97753	44.967	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.940%		
7) Chloroethane-d5	1.532	69	83741	47.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.160%		
11) 1,1-Dichloroethene-d2	2.060	65	48676	47.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.480%		
21) 2-Butanone-d5	3.796	46	137998	87.837	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.840%		
24) Chloroform-d	4.256	84	198206	47.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
26) 1,2-Dichloroethane-d4	4.947	65	137717	49.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.280%		
32) Benzene-d6	4.966	84	352761	48.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	5.995	67	128175	50.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.600%		
41) Toluene-d8	7.249	98	311652	46.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.540%		
43) trans-1,3-Dichloroprop...	7.558	79	56902	44.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.660%		
47) 2-Hexanone-d5	8.034	63	77510	80.754	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.750%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	144767	45.013	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.020%		
66) 1,2-Dichlorobenzene-d4	11.567	152	113213	52.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.900%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.060	96	1152	1.169	ug/L #	1
18) Methyl tert-butyl Ether	2.706	73	6949	1.210	ug/L #	94
20) cis-1,2-Dichloroethene	3.822	96	20121	13.243	ug/L	98
34) Trichloroethene	5.841	95	15034	8.709	ug/L	98
44) trans-1,3-Dichloropropene	7.558	75	2223	0.744	ug/L #	69
46) Tetrachloroethene	7.908	164	92736	82.749	ug/L	98

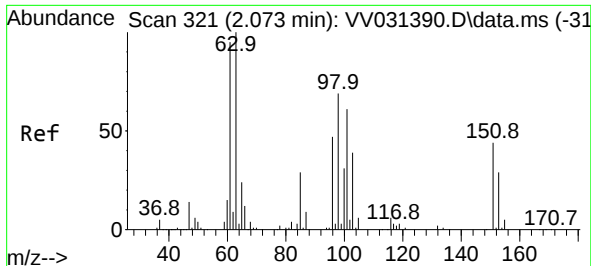
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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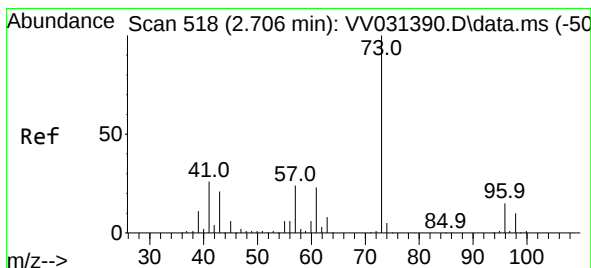
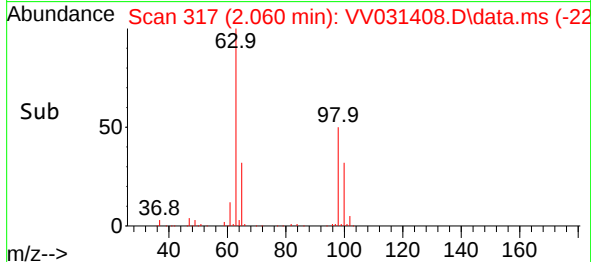
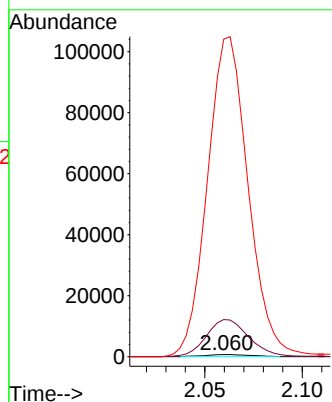
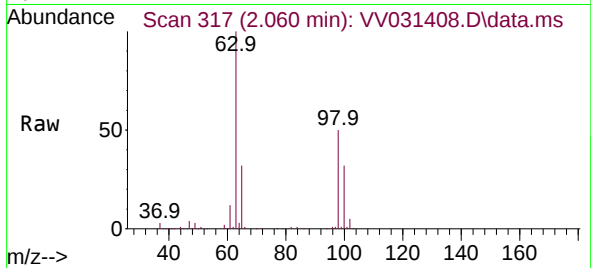




#12
1,1-Dichloroethene
Concen: 1.169 ug/L
RT: 2.060 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

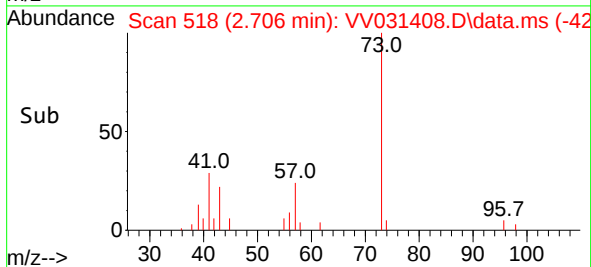
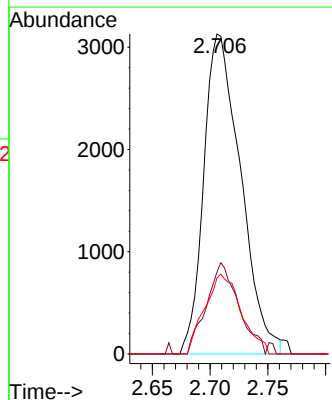
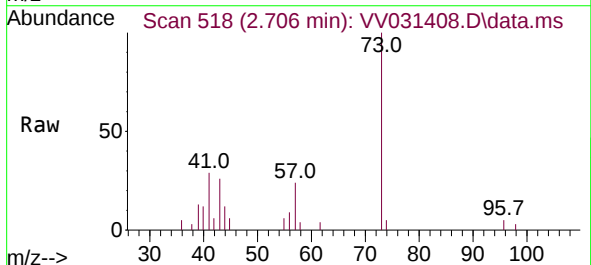
Instrument :
MSVOA_V
ClientSampleId :
F6C07

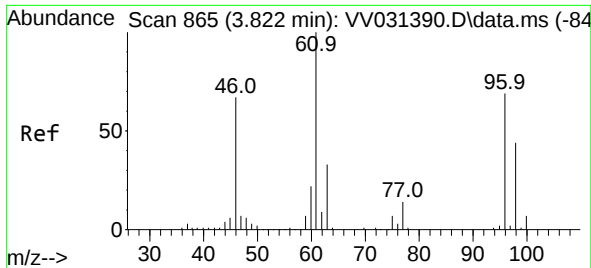
Tgt Ion: 96 Resp: 1152
Ion Ratio Lower Upper
96 100
61 1720.8 143.9 267.3#
63 14746.7 158.3 293.9#



#18
Methyl tert-butyl Ether
Concen: 1.210 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

Tgt Ion: 73 Resp: 6949
Ion Ratio Lower Upper
73 100
43 25.0 16.6 25.0#
57 24.5 18.6 28.0

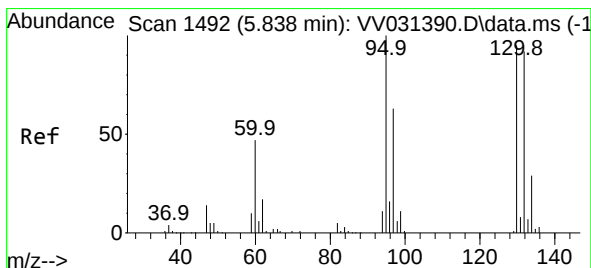
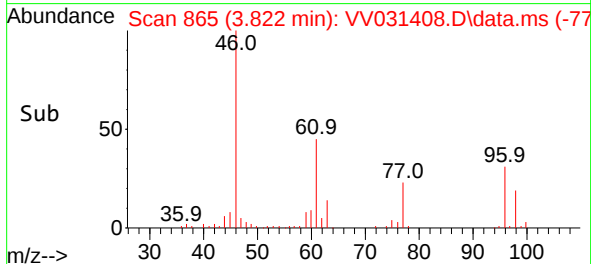
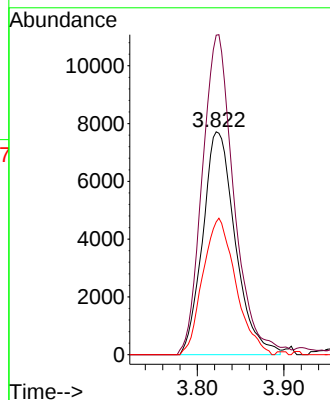
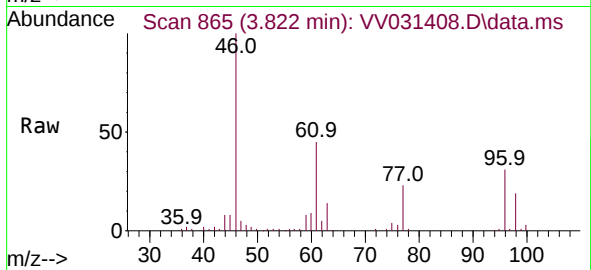




#20
cis-1,2-Dichloroethene
Concen: 13.243 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

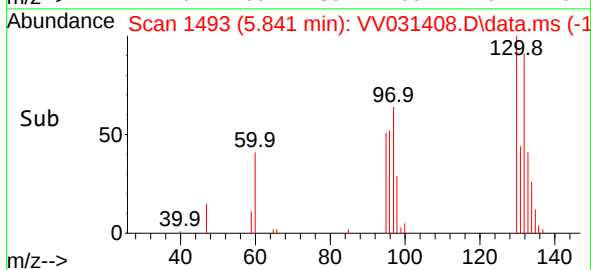
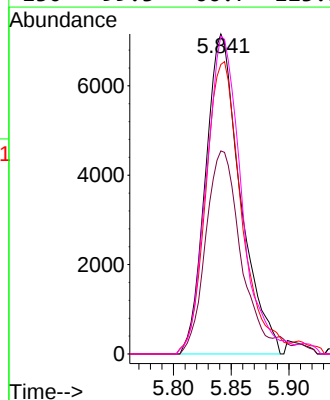
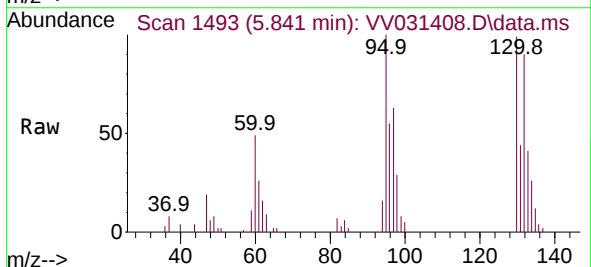
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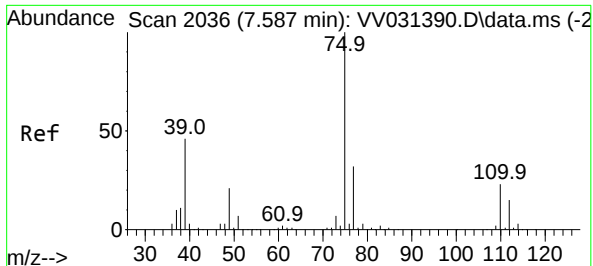
Tgt Ion: 96 Resp: 20121
Ion Ratio Lower Upper
96 100
61 143.4 101.6 188.6
98 59.6 44.4 82.4



#34
Trichloroethene
Concen: 8.709 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

Tgt Ion: 95 Resp: 15034
Ion Ratio Lower Upper
95 100
97 63.4 44.2 82.0
132 90.5 64.2 119.2
130 99.3 66.7 123.9

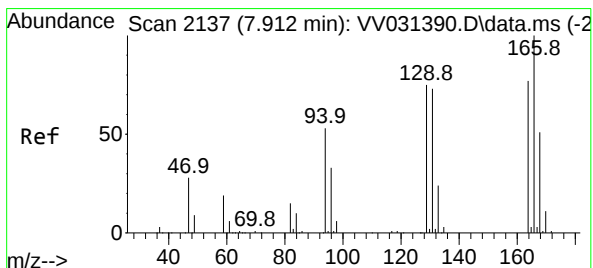
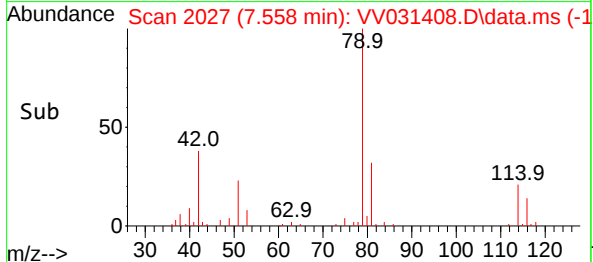
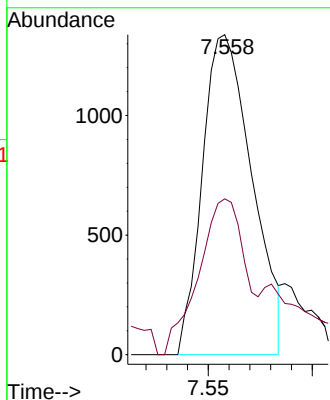
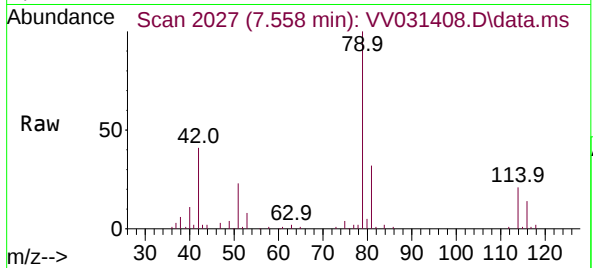




#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

Instrument :
MSVOA_V
ClientSampleId :
F6C07

Tgt Ion: 75 Resp: 2223
Ion Ratio Lower Upper
75 100
77 48.7 22.2 41.2#



#46
Tetrachloroethene
Concen: 82.749 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031408.D
Acq: 07 Jun 2023 18:48

Tgt Ion:164 Resp: 92736
Ion Ratio Lower Upper
164 100
129 98.7 68.0 126.4
131 95.1 65.5 121.7
166 133.3 90.5 168.1

