

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033561.D
 Acq On : 10 Jan 2024 15:29
 Operator : SY/MD
 Sample : VV0110WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:51:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

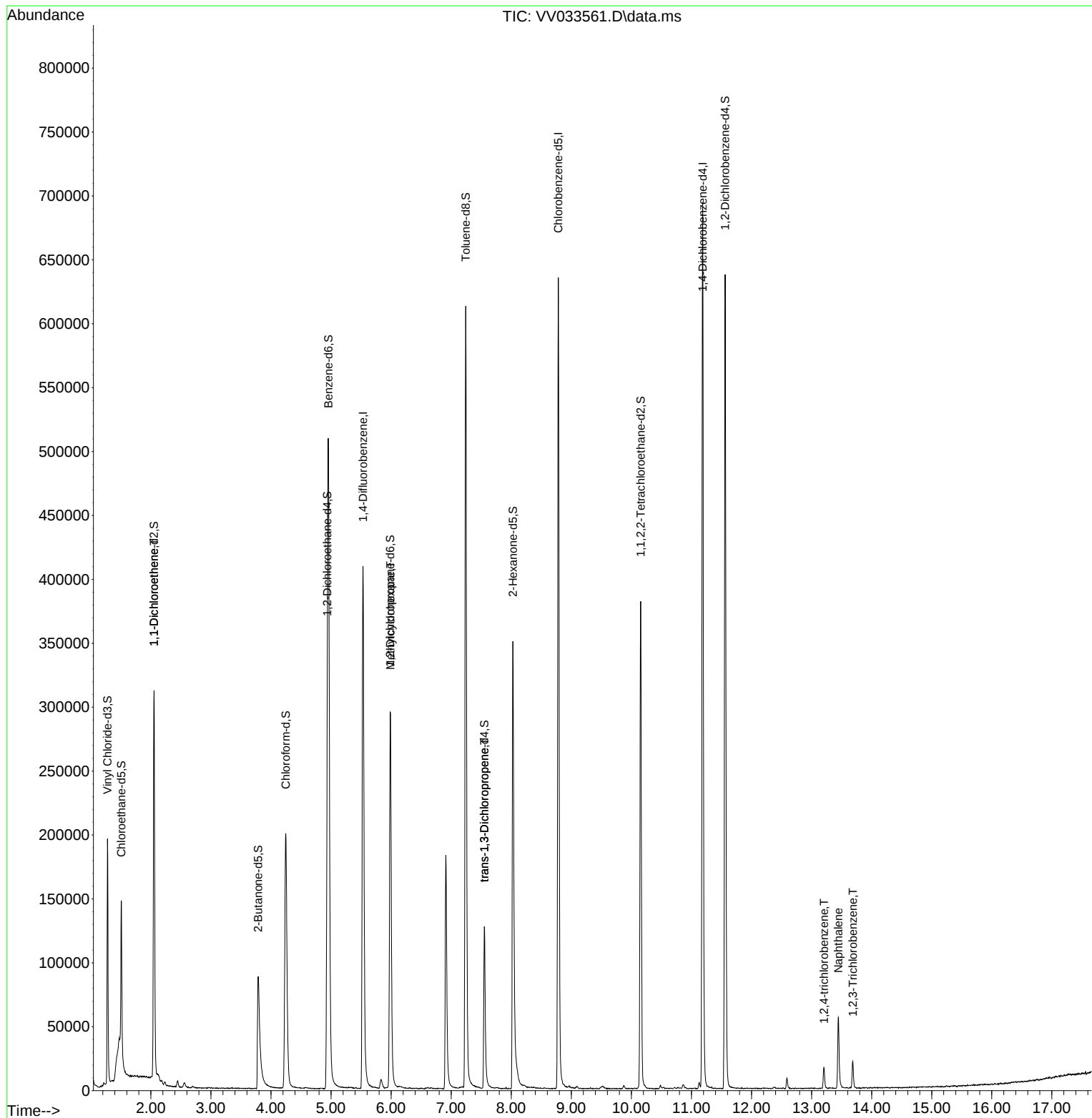
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	346176	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	326054	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	172060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129605	48.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.420%
7) Chloroethane-d5	1.510	69	73825	35.039	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.080%
11) 1,1-Dichloroethene-d2	2.053	65	52277	45.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
21) 2-Butanone-d5	3.786	46	166691	91.344	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.340%
24) Chloroform-d	4.246	84	211438	44.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
26) 1,2-Dichloroethane-d4	4.937	65	146191	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
32) Benzene-d6	4.957	84	442000	47.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	5.986	67	144945	47.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	7.243	98	397253	47.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.120%
43) trans-1,3-Dichloroprop...	7.551	79	73342	48.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.280%
47) 2-Hexanone-d5	8.027	63	131670	104.034	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.030%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	192251	49.355	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.700%
66) 1,2-Dichlorobenzene-d4	11.561	152	155149	47.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.053	96	1929	0.928	ug/L #	1
35) Methylcyclohexane	5.989	83	33489	7.617	ug/L #	16
44) trans-1,3-Dichloropropene	7.551	75	3402	0.839	ug/L	84
70) 1,2,4-trichlorobenzene	13.207	180	5273	1.495	ug/L	96
71) Naphthalene	13.445	128	46101	5.002	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	6465	1.964	ug/L	99

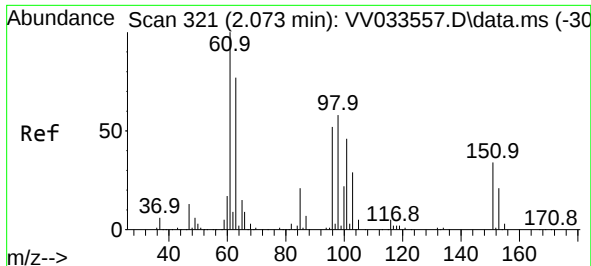
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 11 00:32:34 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.928 ug/L

RT: 2.053 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV033561.D

Acq: 10 Jan 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

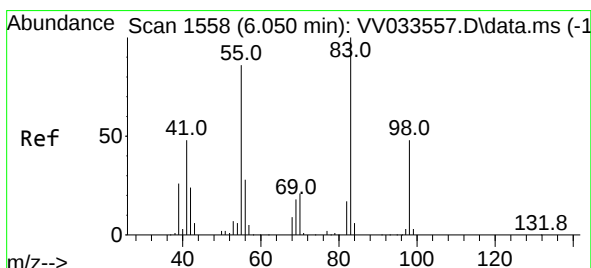
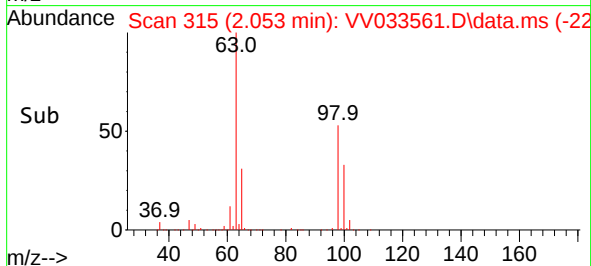
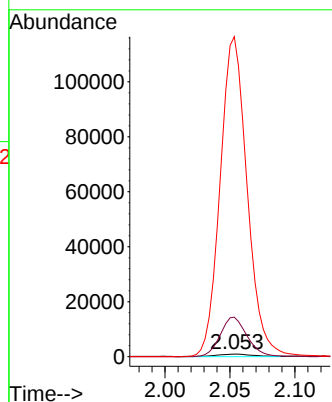
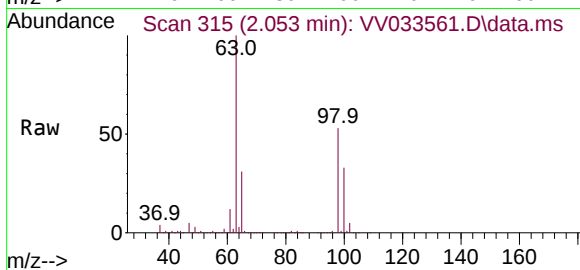
Tgt Ion: 96 Resp: 1929

Ion Ratio Lower Upper

96 100

61 1552.2 134.0 248.8#

63 12574.5 103.4 192.0#



#35

Methylcyclohexane

Concen: 7.617 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033561.D

Acq: 10 Jan 2024 15:29

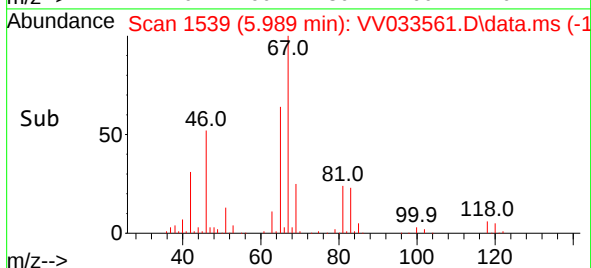
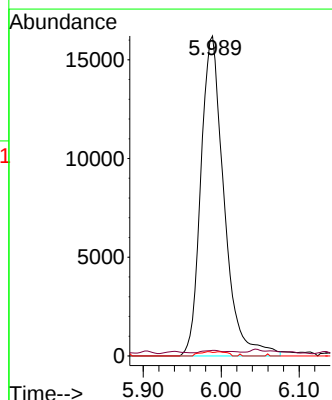
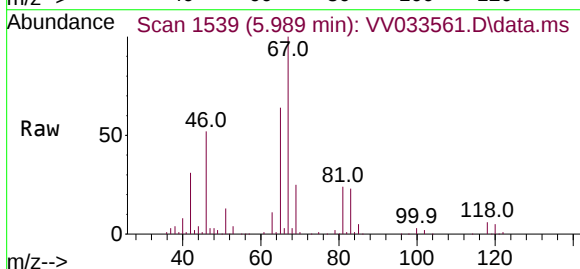
Tgt Ion: 83 Resp: 33489

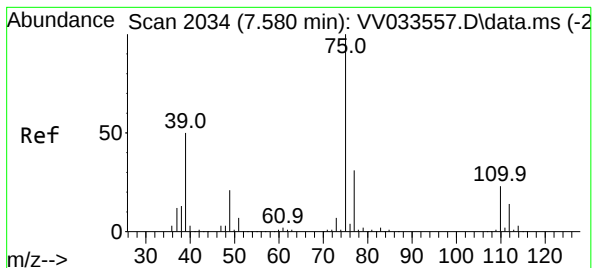
Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 0.7 37.7 56.5#





#44

trans-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 7.551 min Scan# 2034

Delta R.T. -0.029 min

Lab File: VV033561.D

Acq: 10 Jan 2024 15:29

Instrument :

MSVOA_V

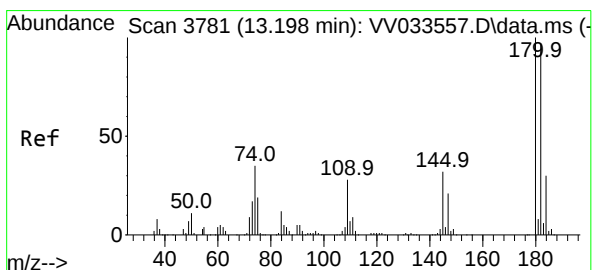
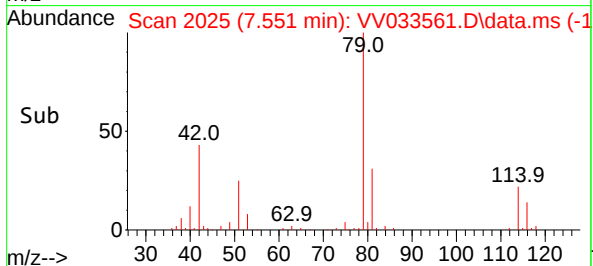
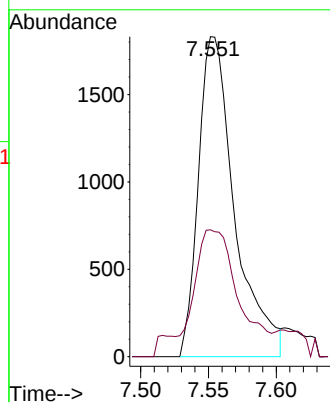
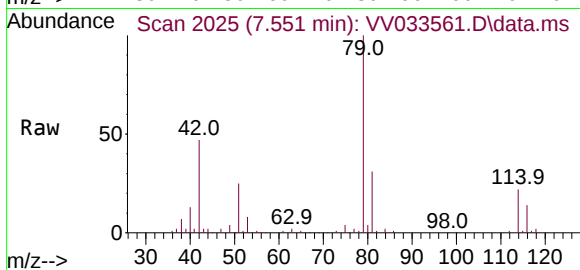
ClientSampleId :

Tgt Ion: 75 Resp: 3402

Ion Ratio Lower Upper

75 100

77 39.7 21.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 1.495 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV033561.D

Acq: 10 Jan 2024 15:29

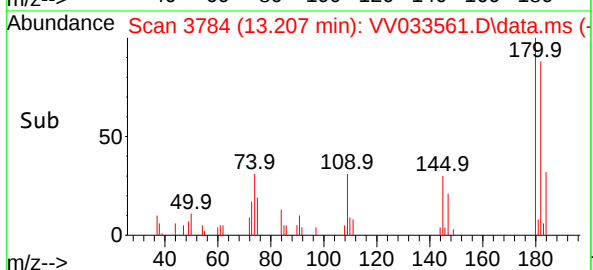
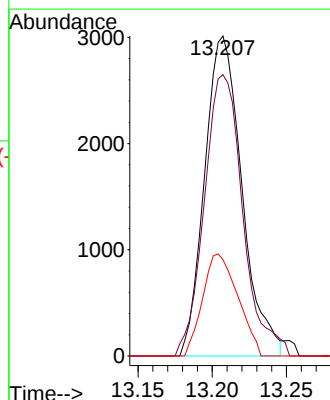
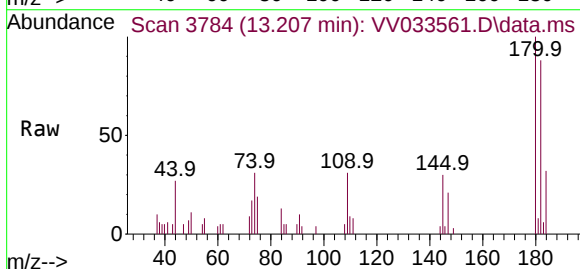
Tgt Ion: 180 Resp: 5273

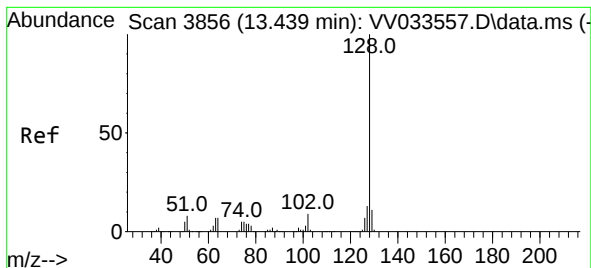
Ion Ratio Lower Upper

180 100

182 90.6 76.3 114.5

145 30.0 25.4 38.0





#71

Naphthalene

Concen: 5.002 ug/L

RT: 13.445 min Scan# 3856

Delta R.T. 0.006 min

Lab File: VV033561.D

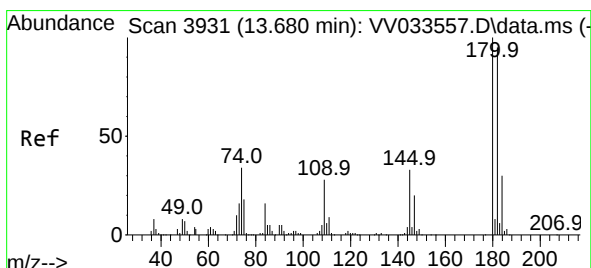
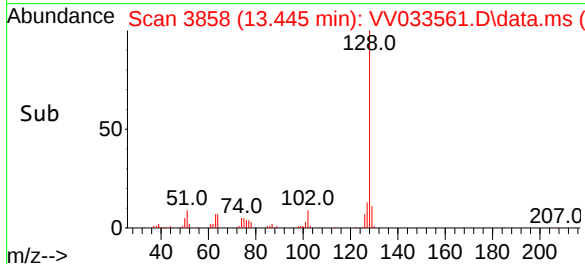
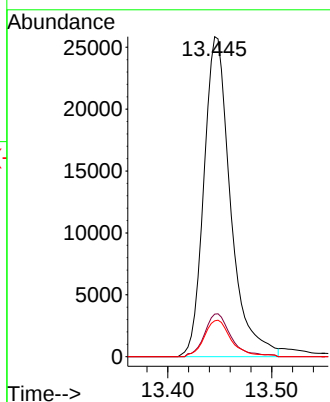
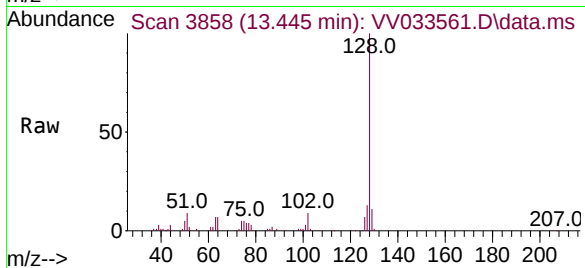
Acq: 10 Jan 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	46101
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.3 15.5
129	11.6	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 1.964 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.006 min

Lab File: VV033561.D

Acq: 10 Jan 2024 15:29

Tgt Ion:180	Resp:	6465
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.0 114.0
145	30.8	26.3 39.5

