

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027212.D
 Acq On : 04 Oct 2023 11:18
 Operator : SY/MD
 Sample : 04696-04 1 PPB MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 22:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

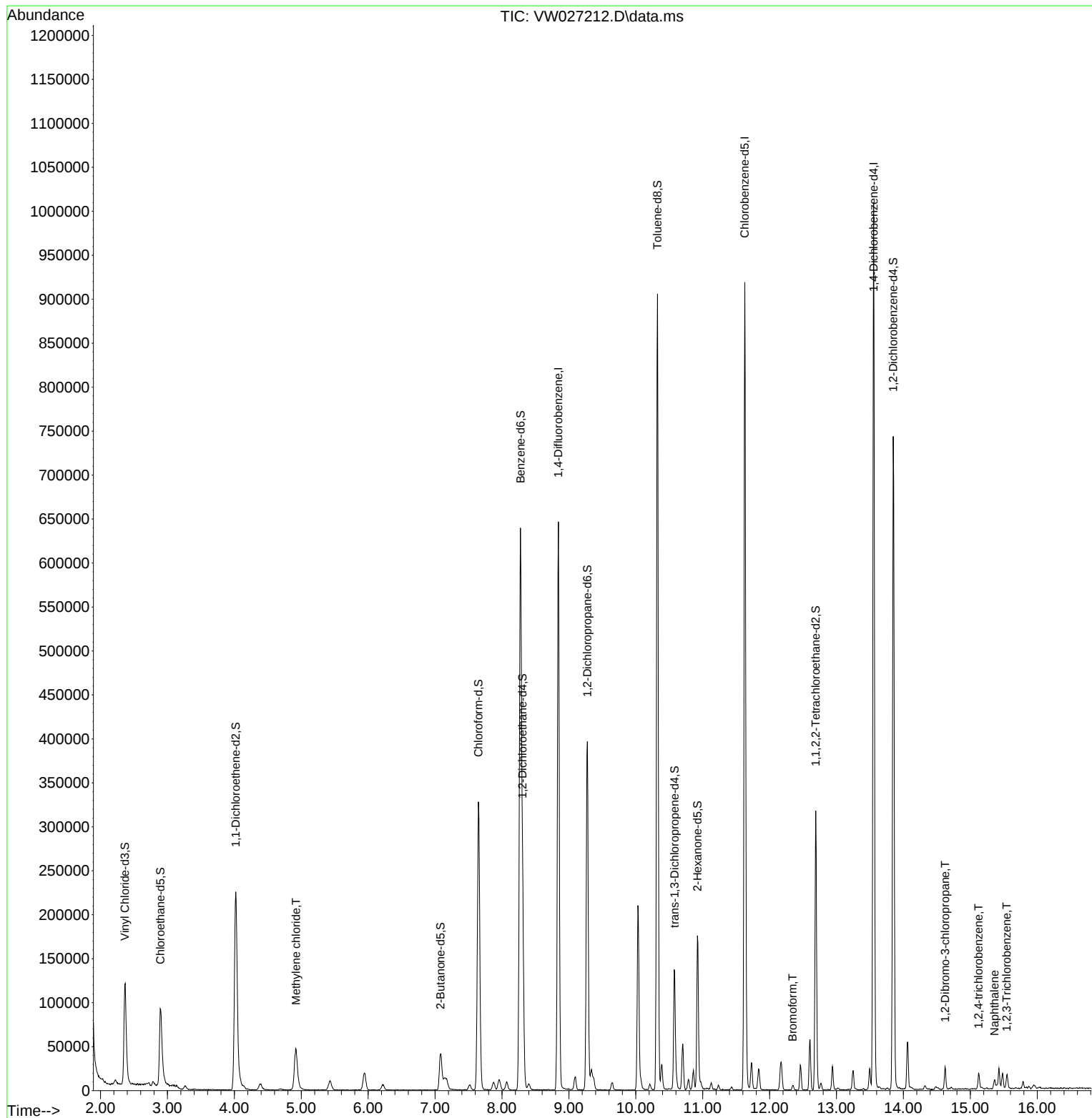
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	549363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166534	19.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.893	69	136128	19.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	4.021	65	72171	20.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	7.081	46	71321	39.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.940%
24) Chloroform-d	7.648	84	333509	20.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.307	65	165374	21.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.840%
32) Benzene-d6	8.276	84	677276	20.554	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	9.276	67	196623	19.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.720%
41) Toluene-d8	10.325	98	611029	21.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	10.581	79	81848	21.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.560%
47) 2-Hexanone-d5	10.922	63	61868	40.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	155648	20.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	204604	22.527	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	39706	3.692	ug/L	96
59) Bromoform	12.343	173	2502	0.585	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.623	75	1325	1.115	ug/L #	7
70) 1,2,4-trichlorobenzene	15.123	180	6031	0.645	ug/L	97
71) Naphthalene	15.360	128	9208	0.558	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.543	180	5229	0.630	ug/L	96

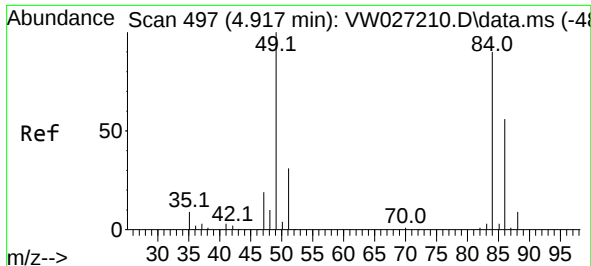
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
Response via : Initial Calibration

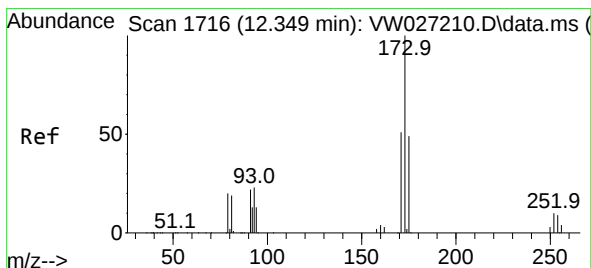
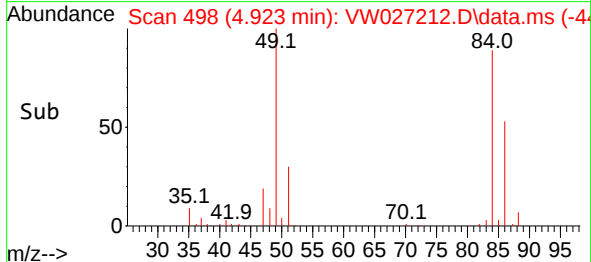
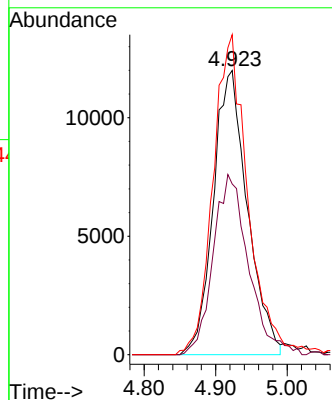
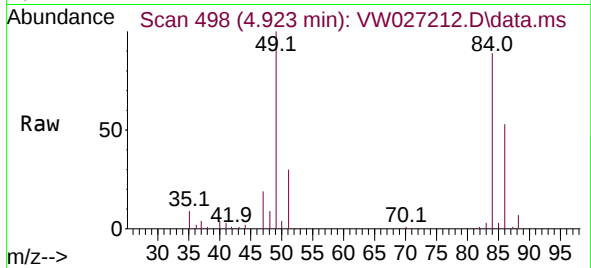




#16
Methylene chloride
Concen: 3.692 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027212.D
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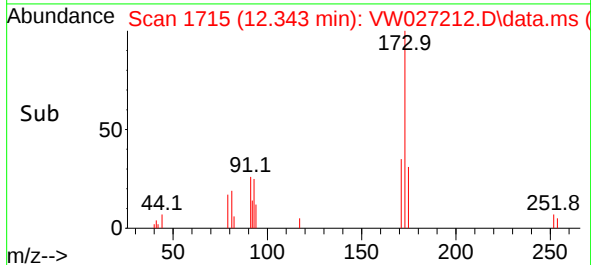
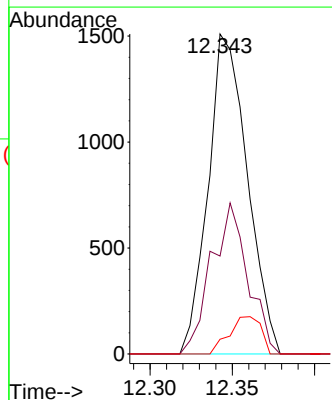
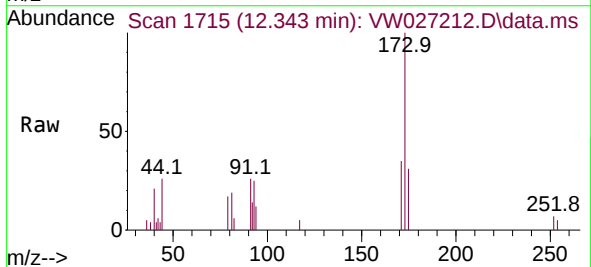
Instrument :
MSVOA_W
ClientSampleId :

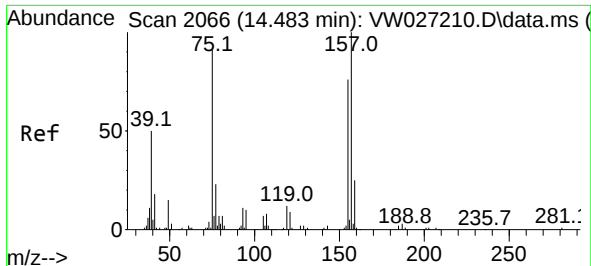
Tgt Ion: 84 Resp: 39706
Ion Ratio Lower Upper
84 100
86 60.1 45.1 83.9
49 112.6 80.9 150.3



#59
Bromoform
Concen: 0.585 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

Tgt Ion: 173 Resp: 2502
Ion Ratio Lower Upper
173 100
175 44.0 37.1 55.7
254 9.5 7.2 10.8





#68

1,2-Dibromo-3-chloropropane

Concen: 1.115 ug/L

RT: 14.623 min Scan# 2066

Delta R.T. 0.140 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

Instrument :

MSVOA_W

ClientSampleId :

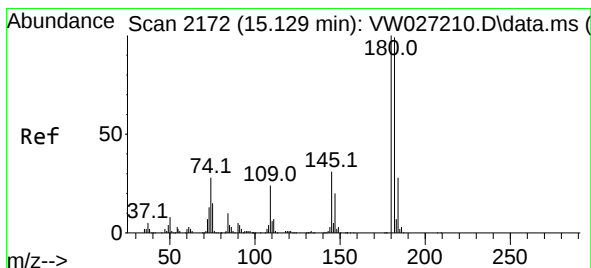
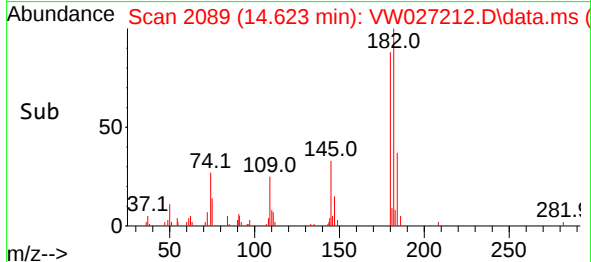
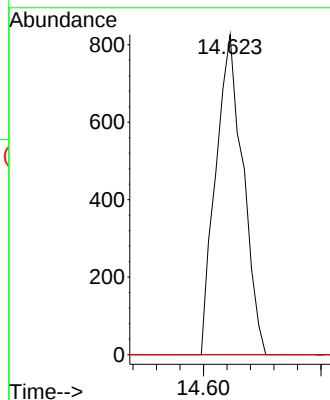
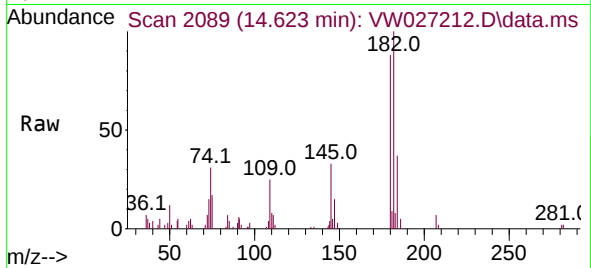
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

155 0.0 56.5 84.7#

157 0.0 75.9 113.9#



#70

1,2,4-trichlorobenzene

Concen: 0.645 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027212.D

Acq: 04 Oct 2023 11:18

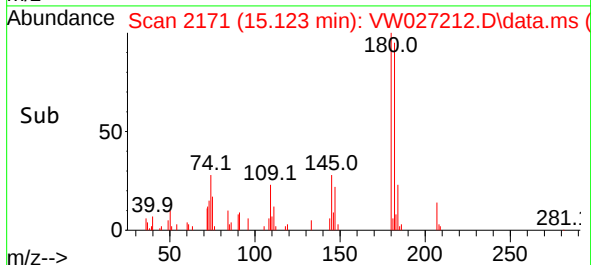
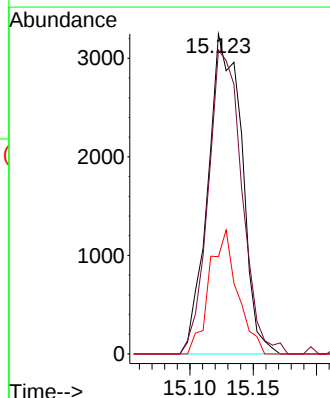
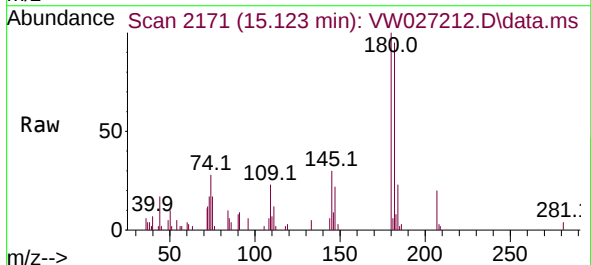
Tgt Ion:180 Resp: 6031

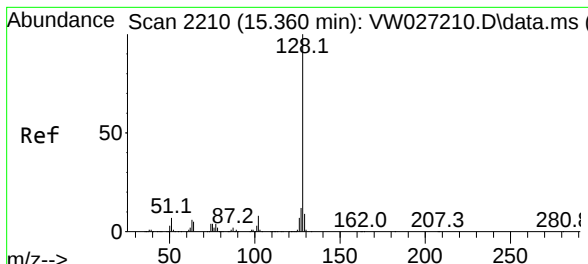
Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.2

145 32.3 24.3 36.5

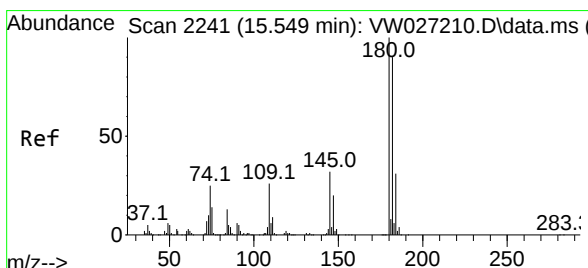
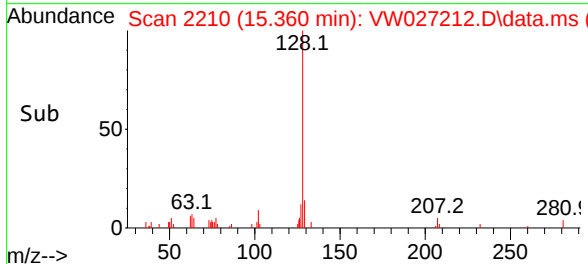
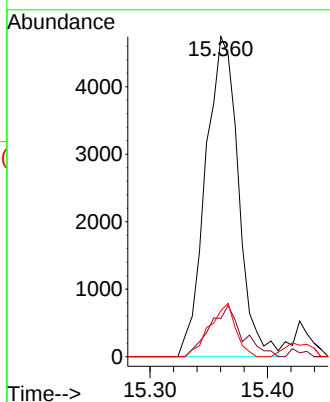
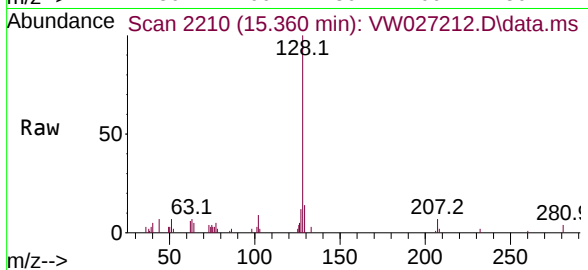




#71
Naphthalene
Concen: 0.558 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	9208
Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.4	15.6#
129	13.2	8.6	12.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.630 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027212.D
Acq: 04 Oct 2023 11:18

Tgt Ion:	180	Resp:	5229
Ion	Ratio	Lower	Upper
180	100		
182	89.3	74.7	112.1
145	31.8	26.4	39.6

