

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046146.D
 Acq On : 07 Dec 2021 18:04
 Operator : SY/MD
 Sample : VU1207MBL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:54:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	182497	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60763	40.419	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.840%		
7) Chloroethane-d5	1.919	69	47262	40.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.900%		
11) 1,1-Dichloroethene-d2	2.571	63	89758	33.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.520%		
21) 2-Butanone-d5	4.642	46	119398	99.909	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.910%		
24) Chloroform-d	5.070	84	114995	45.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.620%		
26) 1,2-Dichloroethane-d4	5.706	65	80941	48.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
32) Benzene-d6	5.732	84	259105	50.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.340%		
36) 1,2-Dichloropropane-d6	6.693	67	80287	50.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.320%		
41) Toluene-d8	7.899	98	231803	49.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.560%		
43) trans-1,3-Dichloroprop...	8.182	79	36862	48.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.360%		
47) 2-Hexanone-d5	8.636	63	86059	114.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123241	51.275	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	96634	53.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	941	0.709	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	715	0.567	ug/L #	1
25) Chloroform	5.092	83	11514	4.268	ug/L	98
37) 1,2-Dichloropropane	6.693	63	8469	5.987	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2208	1.026	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1634	0.773	ug/L #	74
70) 1,2,4-trichlorobenzene	13.841	180	2104	1.121	ug/L	95
71) Naphthalene	14.089	128	10030	1.536	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	2247	1.174	ug/L	93

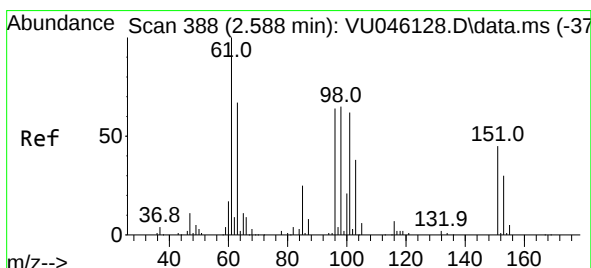
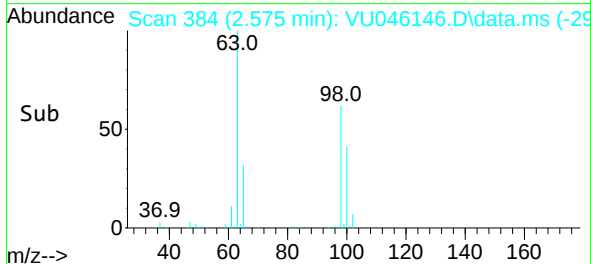
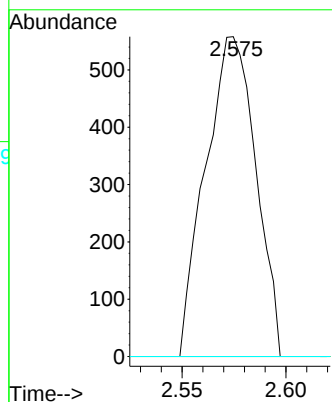
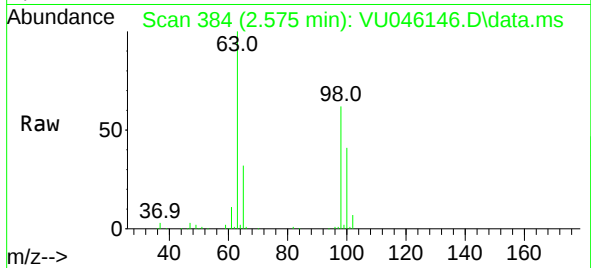
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.709 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046146.D
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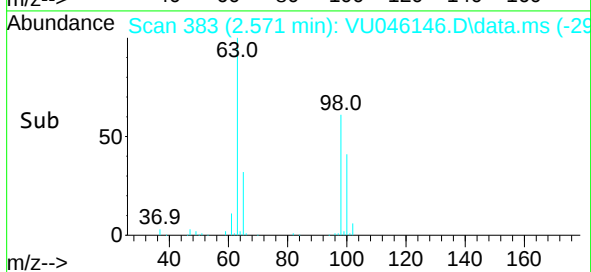
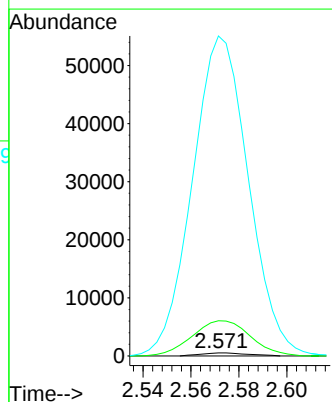
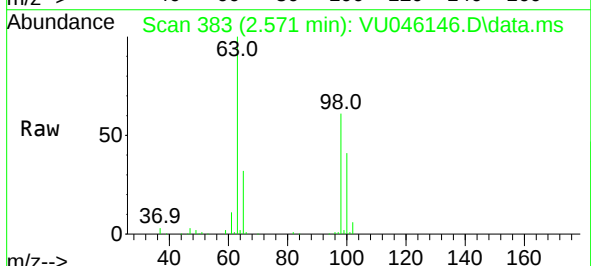
Instrument :
MSVOA_U
ClientSampleId :

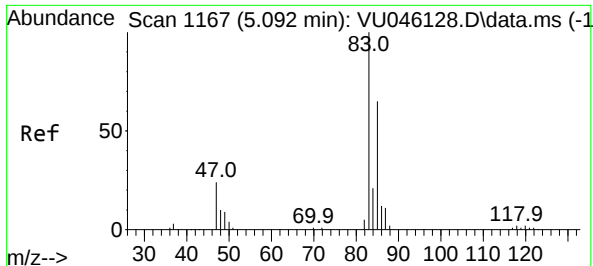
Tgt Ion:101 Resp: 941
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.567 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046146.D
Acq: 07 Dec 2021 18:04

Tgt Ion: 96 Resp: 715
Ion Ratio Lower Upper
96 100
61 1140.9 118.6 220.2#
63 10394.0 93.0 172.8#





#25

Chloroform

Concen: 4.268 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046146.D

Acq: 07 Dec 2021 18:04

Instrument :

MSVOA_U

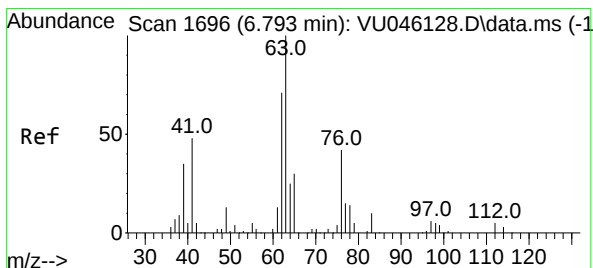
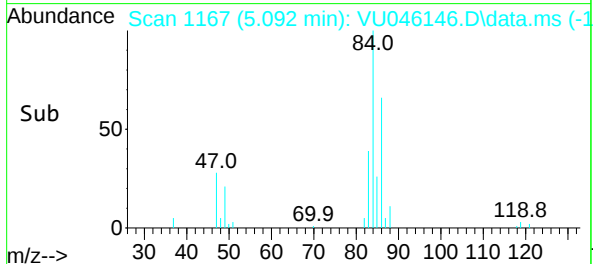
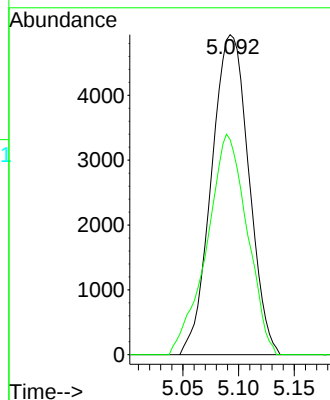
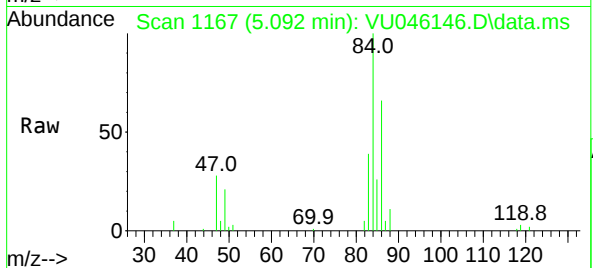
ClientSampleId :

Tgt Ion: 83 Resp: 11514

Ion Ratio Lower Upper

83 100

85 67.2 45.8 85.2



#37

1,2-Dichloropropane

Concen: 5.987 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046146.D

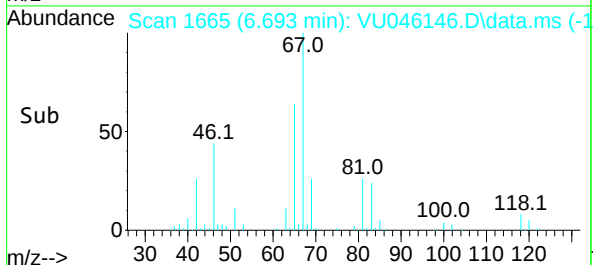
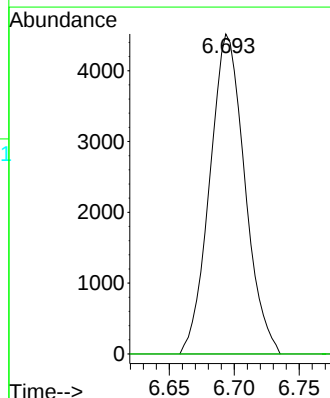
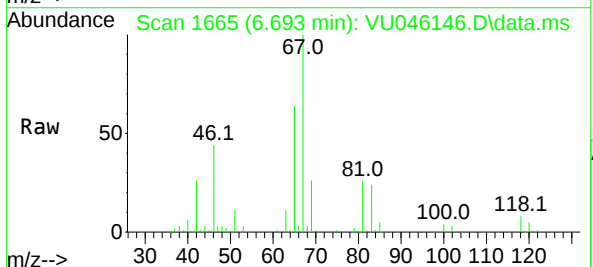
Acq: 07 Dec 2021 18:04

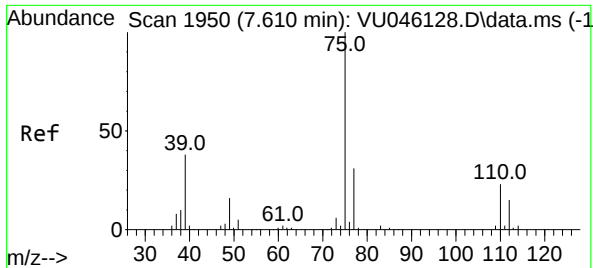
Tgt Ion: 63 Resp: 8469

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU046146.D

Acq: 07 Dec 2021 18:04

Instrument :

MSVOA_U

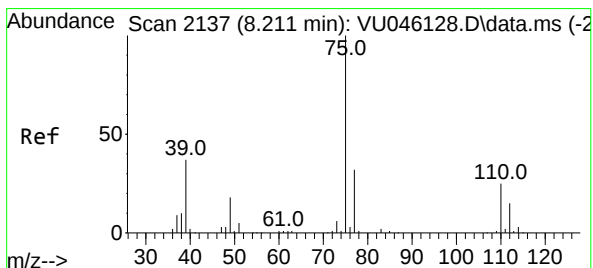
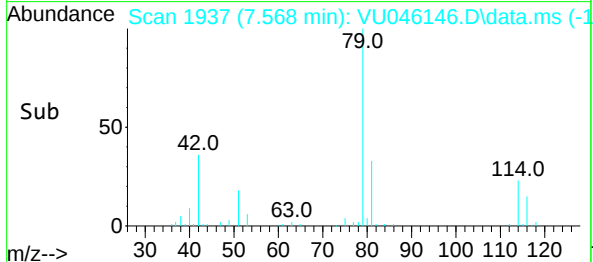
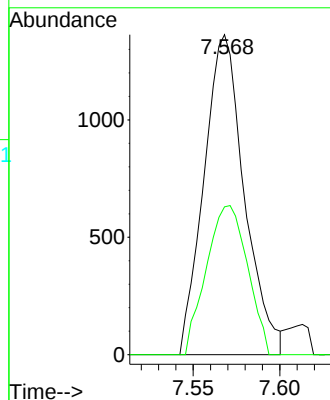
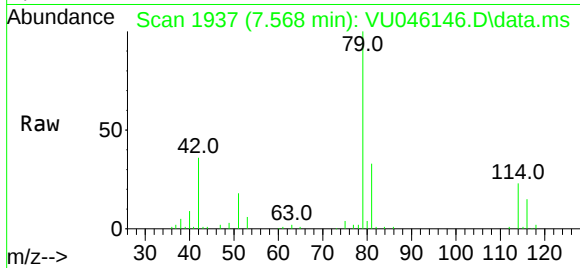
ClientSampleId :

Tgt Ion: 75 Resp: 2208

Ion Ratio Lower Upper

75 100

77 46.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046146.D

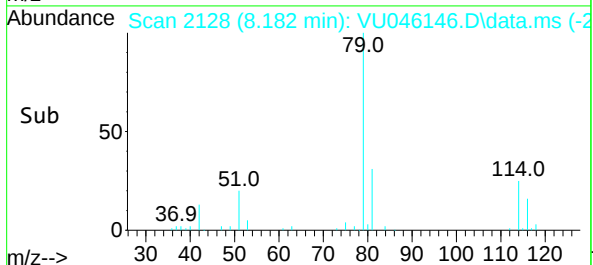
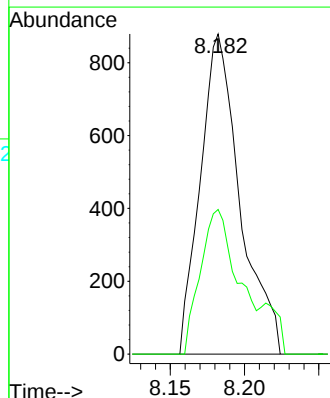
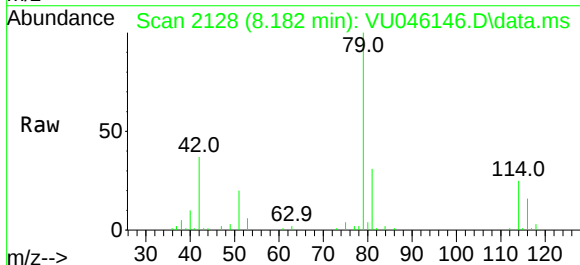
Acq: 07 Dec 2021 18:04

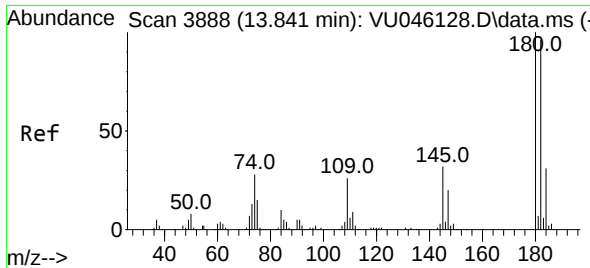
Tgt Ion: 75 Resp: 1634

Ion Ratio Lower Upper

75 100

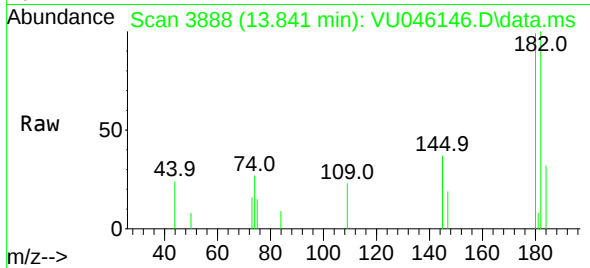
77 45.2 21.7 40.3#



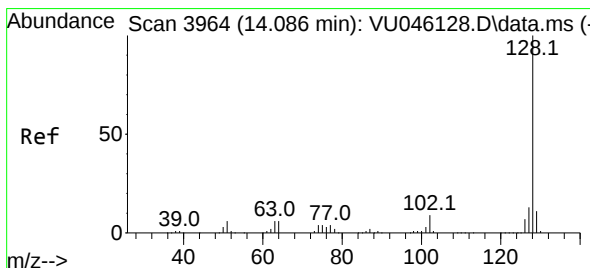
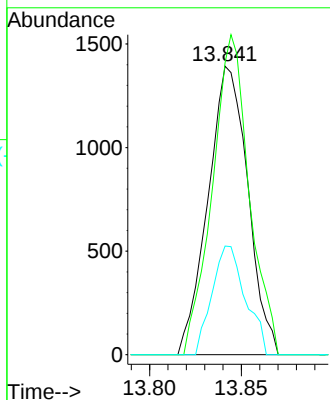
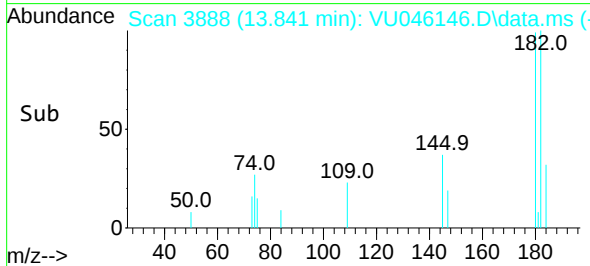


#70
1,2,4-trichlorobenzene
Concen: 1.121 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046146.D
Acq: 07 Dec 2021 18:04

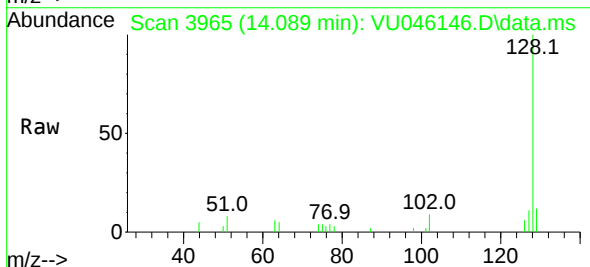
Instrument :
MSVOA_U
ClientSampleId :



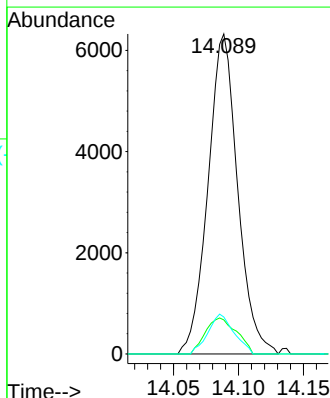
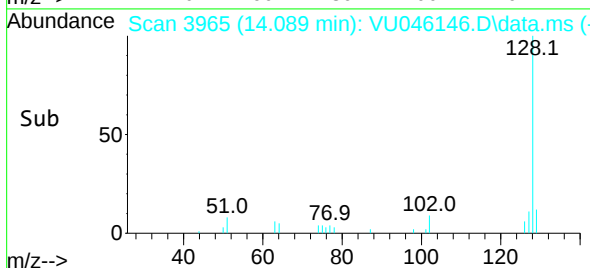
Tgt Ion:180 Resp: 2104
Ion Ratio Lower Upper
180 100
182 102.2 76.7 115.1
145 31.5 26.0 39.0

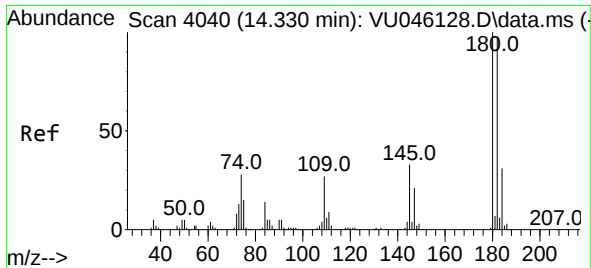


#71
Naphthalene
Concen: 1.536 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046146.D
Acq: 07 Dec 2021 18:04



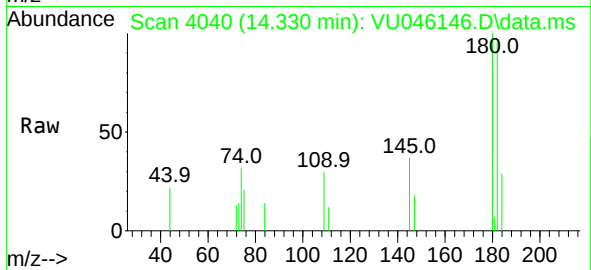
Tgt Ion:128 Resp: 10030
Ion Ratio Lower Upper
128 100
127 11.8 10.1 15.1
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.174 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU046146.D
 Acq: 07 Dec 2021 18:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	2247
Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.0	114.0
145	27.3	27.3	40.9

