

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055450.D
 Acq On : 21 Sep 2023 17:00
 Operator : MD/SY
 Sample : VIBLK140
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK140

Quant Time: Sep 22 02:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

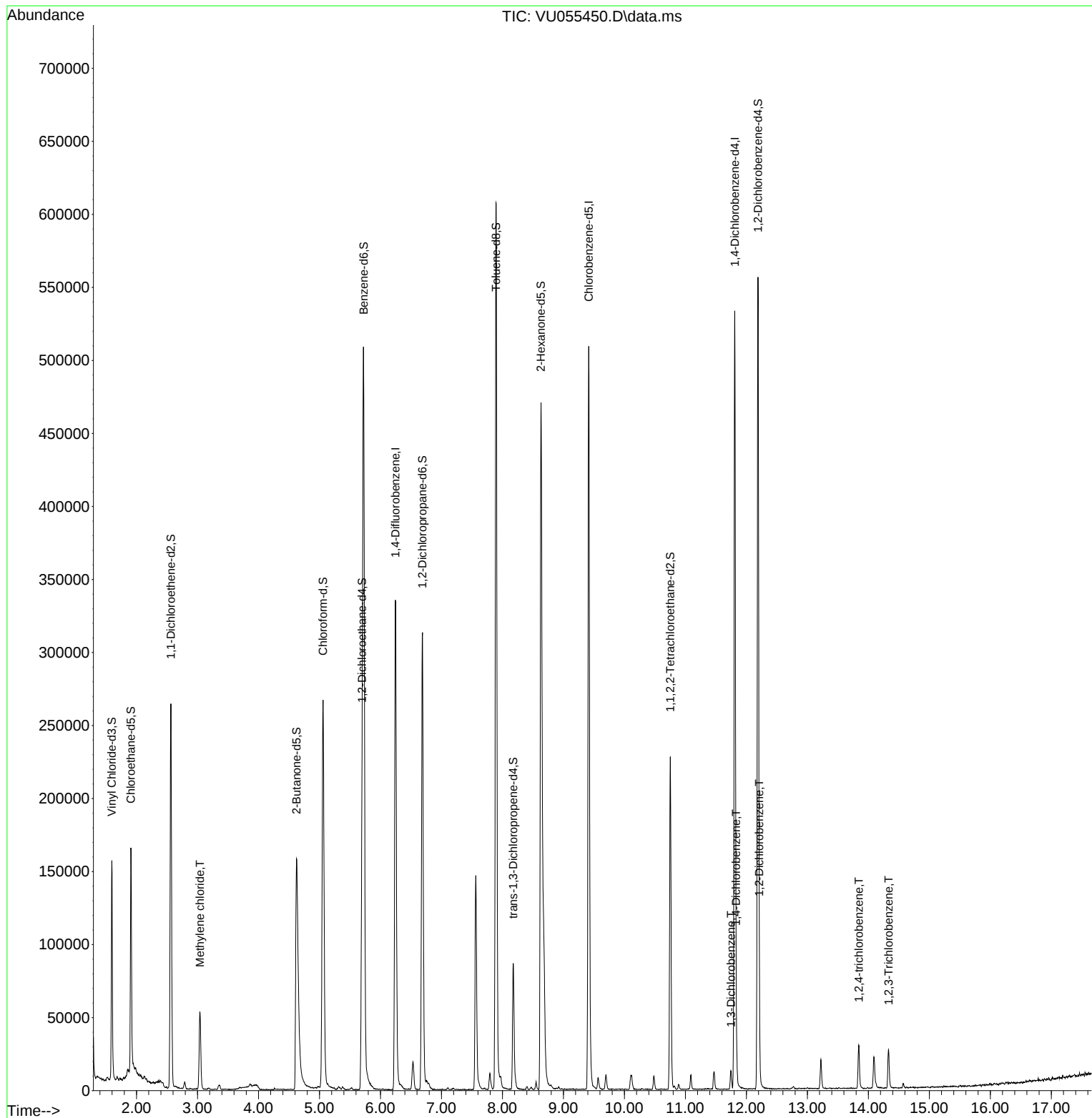
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	279114	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	287578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	142749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106751	3.784	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.907	69	107699	4.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.563	65	49980	4.304	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	4.624	46	272073	53.396	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.800%	
24) Chloroform-d	5.058	84	248246	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.698	65	128246	5.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.724	84	485991	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.689	67	148070	4.927	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.898	98	416601	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.177	79	53059	5.031	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.631	63	148047	46.148	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.300%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110469	4.905	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	148678	5.160	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
16) Methylene chloride	3.039	84	26547	1.135	ug/L	99
64) 1,3-Dichlorobenzene	11.749	146	5578	0.142	ug/L	89
65) 1,4-Dichlorobenzene	11.833	146	6870	0.175	ug/L	93
67) 1,2-Dichlorobenzene	12.213	146	5561	0.154	ug/L #	92
70) 1,2,4-trichlorobenzene	13.846	180	9715	0.470	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	9186	0.510	ug/L	98

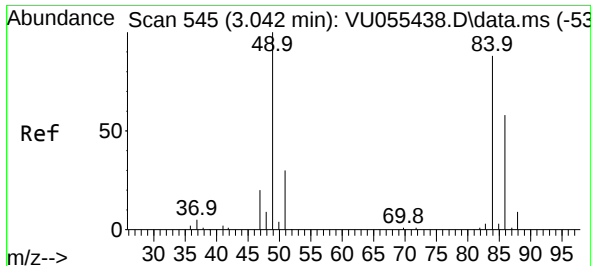
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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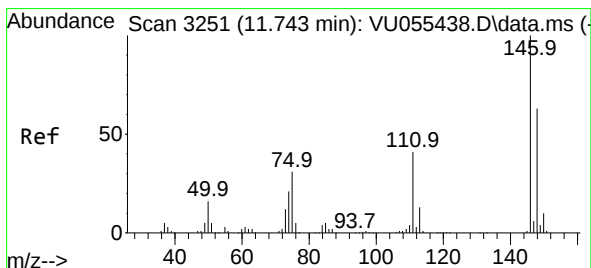
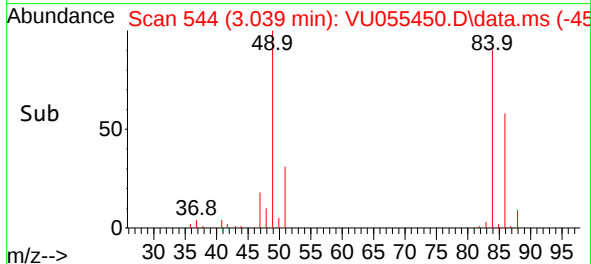
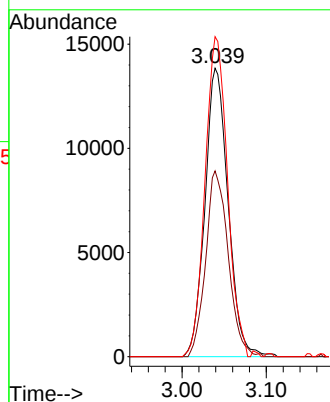
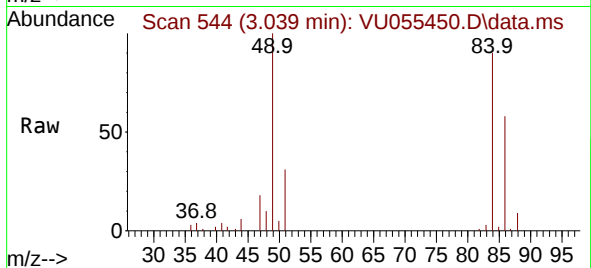




#16
Methylene chloride
Concen: 1.135 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055450.D
Acq: 21 Sep 2023 17:00

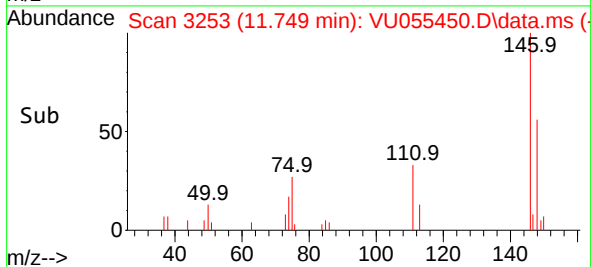
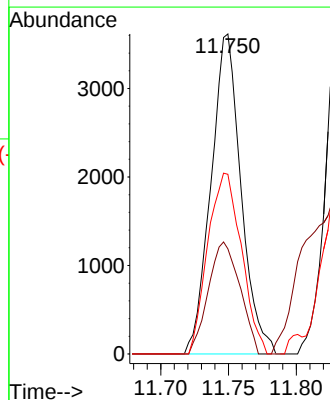
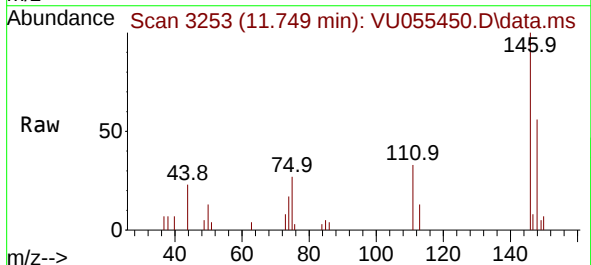
Instrument :
MSVOA_U
ClientSampleId :
VIBLK140

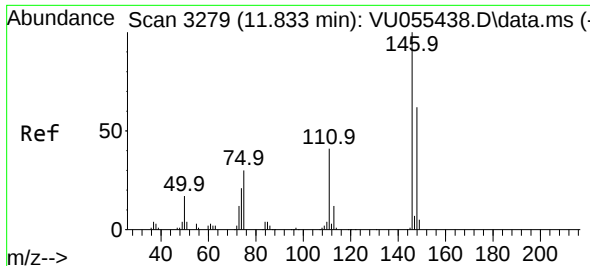
Tgt Ion: 84 Resp: 26547
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.3
49 110.9 78.8 146.3



#64
1,3-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.749 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VU055450.D
Acq: 21 Sep 2023 17:00

Tgt Ion:146 Resp: 5578
Ion Ratio Lower Upper
146 100
111 32.9 28.8 53.6
148 56.2 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 0.175 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055450.D

Acq: 21 Sep 2023 17:00

Instrument :

MSVOA_U

ClientSampleId :

VIBLK140

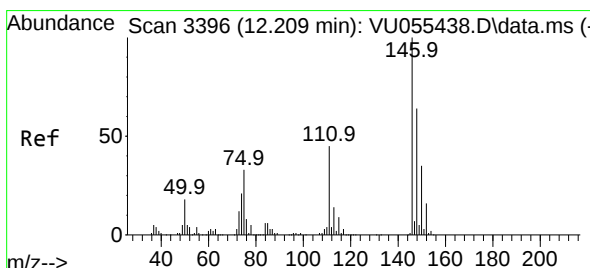
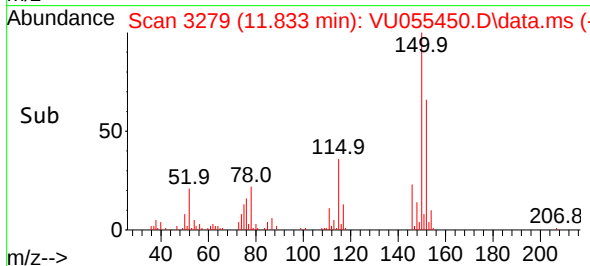
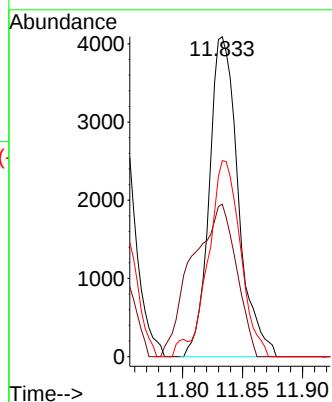
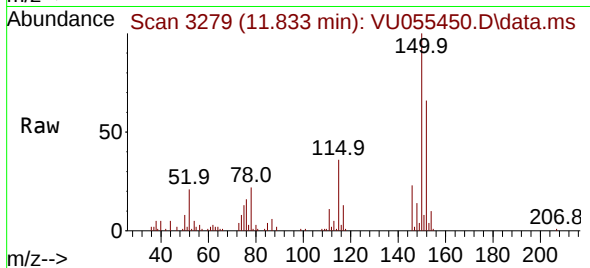
Tgt Ion:146 Resp: 6870

Ion Ratio Lower Upper

146 100

111 47.7 29.0 53.8

148 61.3 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 0.154 ug/L

RT: 12.213 min Scan# 3397

Delta R.T. 0.003 min

Lab File: VU055450.D

Acq: 21 Sep 2023 17:00

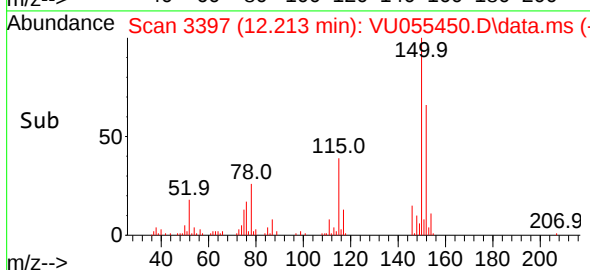
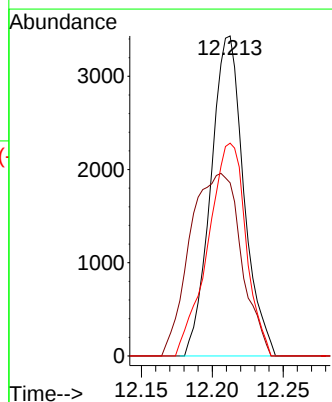
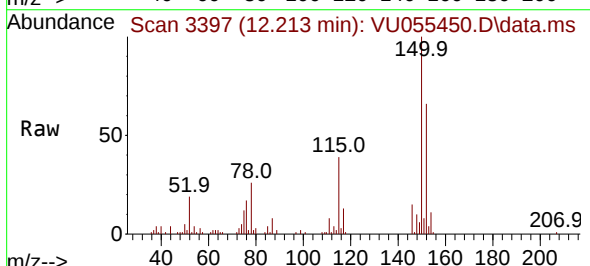
Tgt Ion:146 Resp: 5561

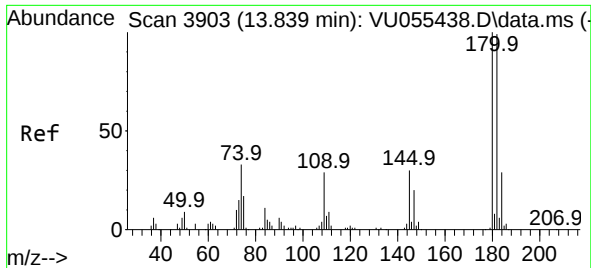
Ion Ratio Lower Upper

146 100

111 54.1 34.6 52.0#

148 66.5 51.8 77.8

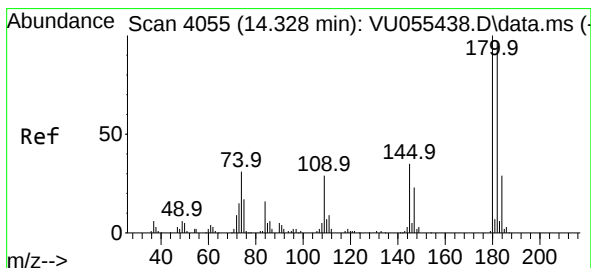
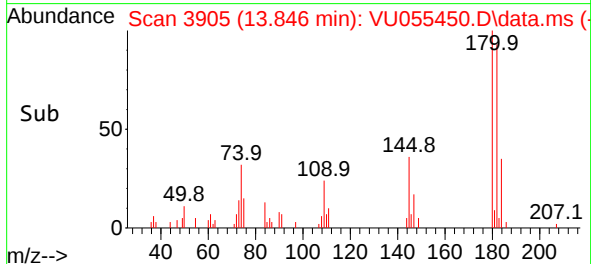
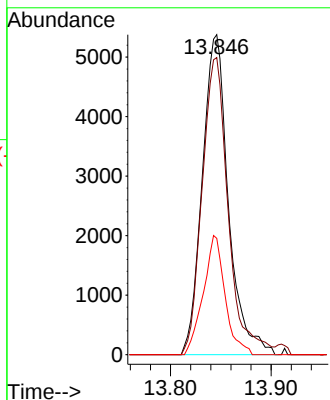
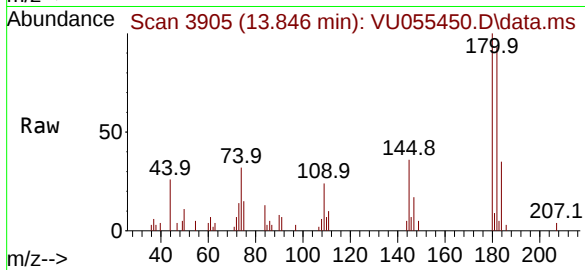




#70
1,2,4-trichlorobenzene
Concen: 0.470 ug/L
RT: 13.846 min Scan# 3904
Delta R.T. 0.007 min
Lab File: VU055450.D
Acq: 21 Sep 2023 17:00

Instrument :
MSVOA_U
ClientSampleId :
VIBLK140

Tgt Ion:180 Resp: 9715
Ion Ratio Lower Upper
180 100
182 92.7 76.4 114.6
145 31.1 25.4 38.0



#72
1,2,3-Trichlorobenzene
Concen: 0.510 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.003 min
Lab File: VU055450.D
Acq: 21 Sep 2023 17:00

Tgt Ion:180 Resp: 9186
Ion Ratio Lower Upper
180 100
182 93.7 76.2 114.4
145 31.1 26.0 39.0

