

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023944.D
 Acq On : 20 Jul 2022 18:32
 Operator : SY/VA
 Sample : N3744-16
 Misc : 6.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D02

Quant Time: Jul 21 00:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

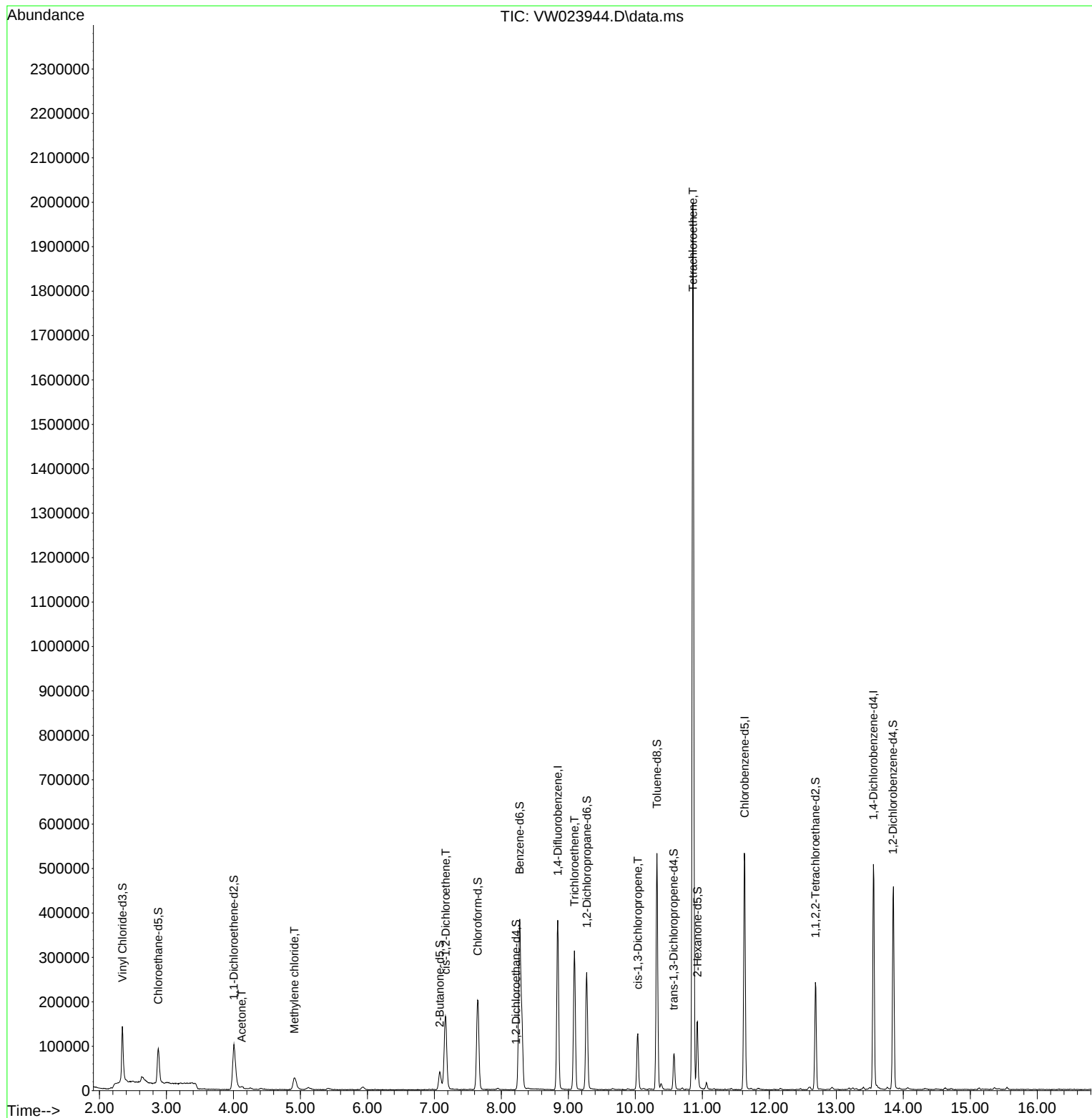
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290661	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124612	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133556	16.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.000%
7) Chloroethane-d5	2.879	69	100047	18.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	4.007	63	108946	16.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.120%
21) 2-Butanone-d5	7.080	46	61500	49.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
24) Chloroform-d	7.647	84	207115	22.782	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	8.220	65	40	0.007	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.275	84	378290	25.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	9.274	67	117744	25.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	10.323	98	337220	22.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	10.573	79	44751	20.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.920%
47) 2-Hexanone-d5	10.927	63	50258	52.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112966	22.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	113633	25.545	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.160%
Target Compounds	Qvalue					
13) Acetone	4.123	43	8537	9.761	ug/L	61
16) Methylene chloride	4.909	84	23705	4.855	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	87649	19.700	ug/L #	90
34) Trichloroethene	9.091	95	102007	23.387	ug/L	96
39) cis-1,3-Dichloropropene	10.036	75	4416	0.708	ug/L #	69
46) Tetrachloroethene	10.859	164	410268	121.647	ug/L	98

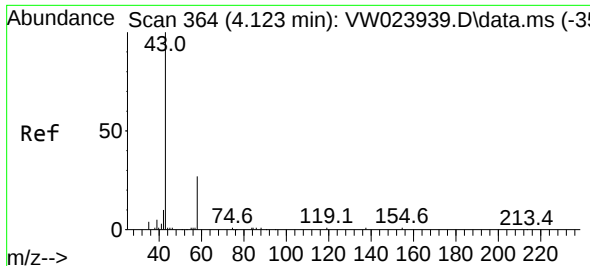
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 21 00:18:55 2022
Response via : Initial Calibration





#13

Acetone

Concen: 9.761 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW023944.D

Acq: 20 Jul 2022 18:32

Instrument :

MSVOA_W

ClientSampleId :

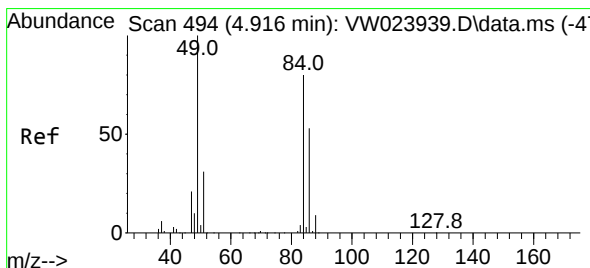
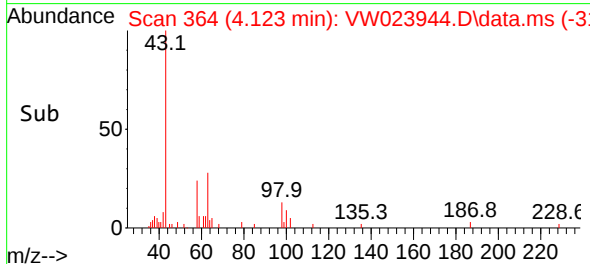
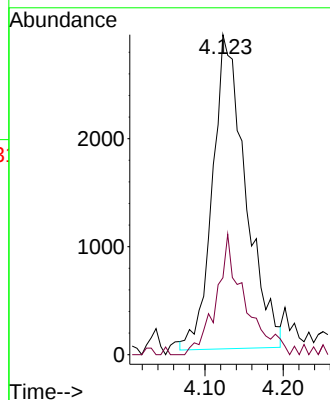
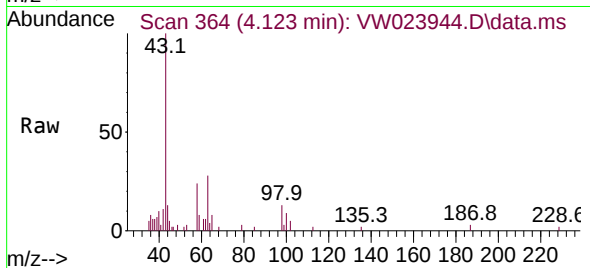
F5D02

Tgt Ion: 43 Resp: 8537

Ion Ratio Lower Upper

43 100

58 10.1 0.0 64.2



#16

Methylene chloride

Concen: 4.855 ug/L

RT: 4.909 min Scan# 493

Delta R.T. -0.006 min

Lab File: VW023944.D

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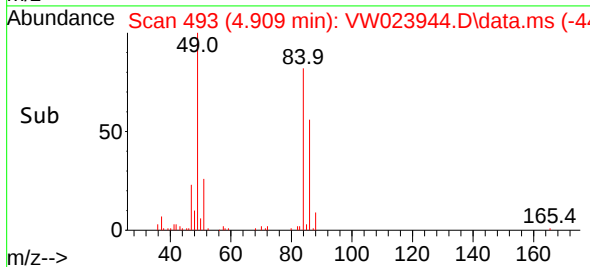
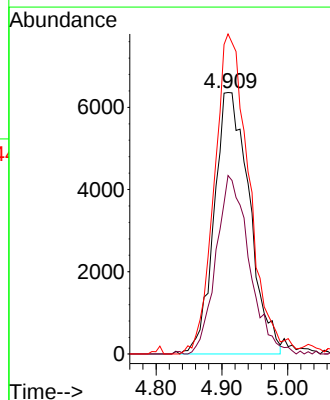
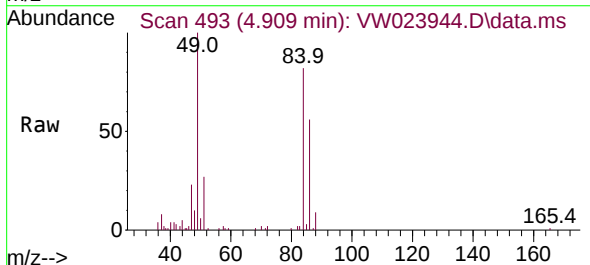
Tgt Ion: 84 Resp: 23705

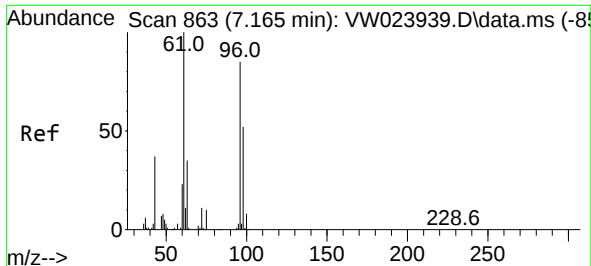
Ion Ratio Lower Upper

84 100

86 68.2 42.8 79.6

49 122.4 85.4 158.6

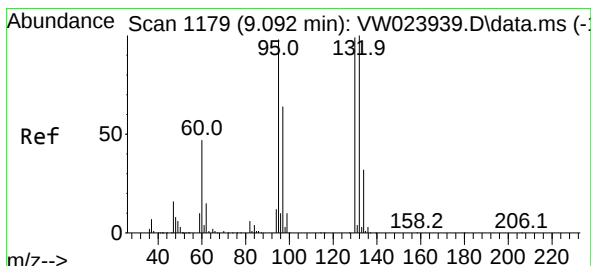
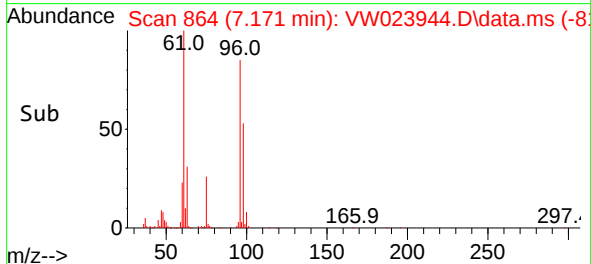
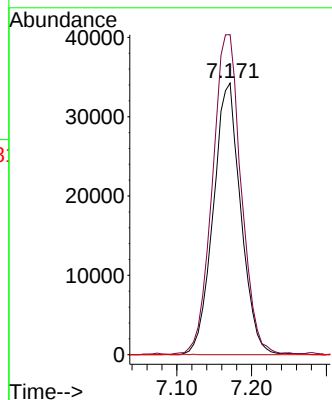
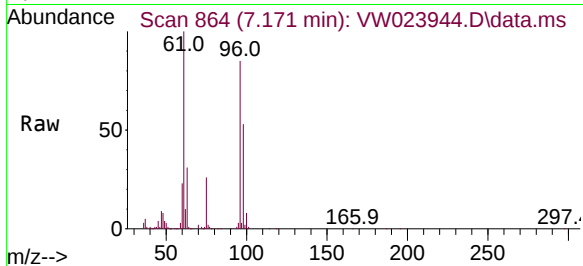




#20
cis-1,2-Dichloroethene
Concen: 19.700 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023944.D
Acq: 20 Jul 2022 18:32

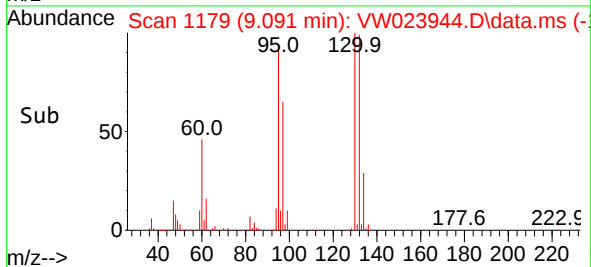
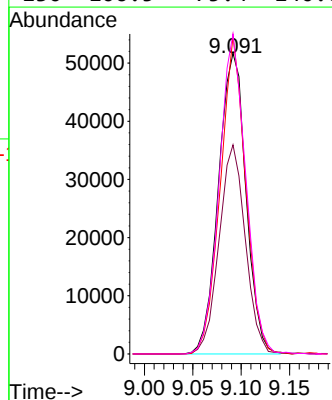
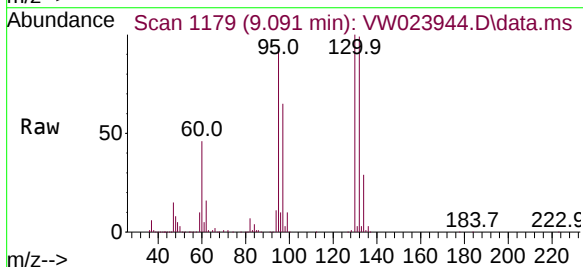
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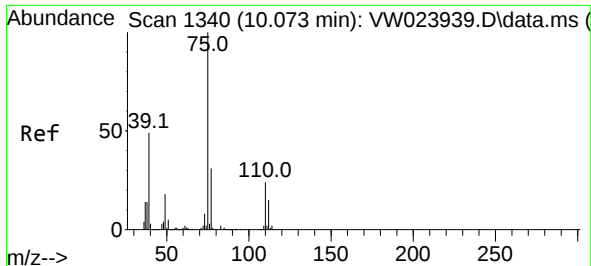
Tgt Ion: 96 Resp: 87649
Ion Ratio Lower Upper
96 100
61 117.9 90.6 168.2
68 0.0 0.2 0.4#



#34
Trichloroethene
Concen: 23.387 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023944.D
Acq: 20 Jul 2022 18:32

Tgt Ion: 95 Resp: 102007
Ion Ratio Lower Upper
95 100
97 69.6 45.6 84.8
132 105.7 69.9 129.7
130 106.5 75.4 140.0

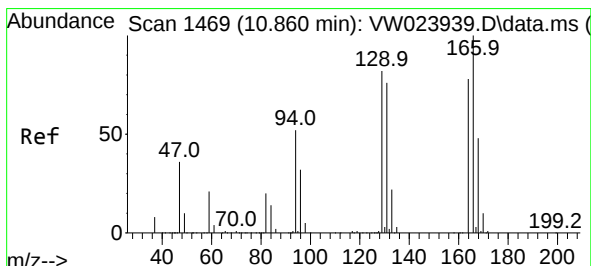
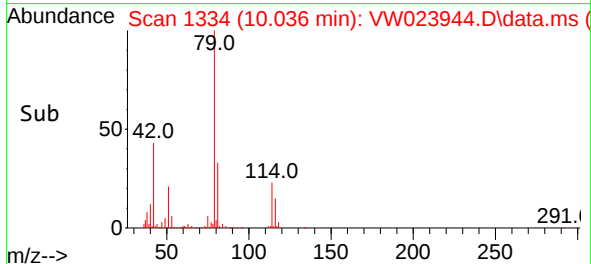
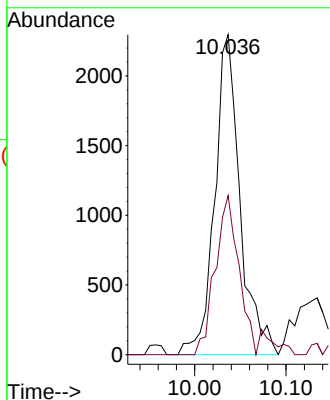
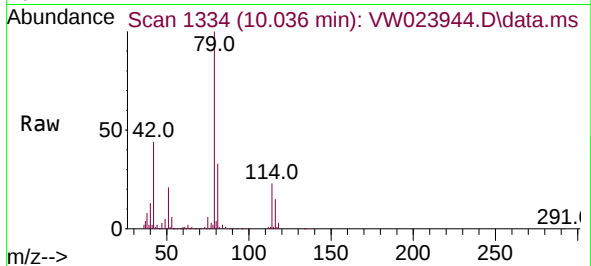




#39
cis-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 10.036 min Scan# 11
Delta R.T. -0.037 min
Lab File: VW023944.D
Acq: 20 Jul 2022 18:32

Instrument :
MSVOA_W
ClientSampleId :
F5D02

Tgt Ion: 75 Resp: 4416
Ion Ratio Lower Upper
75 100
77 49.7 22.5 41.9#



#46
Tetrachloroethene
Concen: 121.647 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023944.D
Acq: 20 Jul 2022 18:32

Tgt Ion:164 Resp: 410268
Ion Ratio Lower Upper
164 100
129 99.4 72.4 134.5
131 96.2 67.8 125.8
166 125.3 88.9 165.1

