

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045865.D
 Acq On : 18 Nov 2021 13:55
 Operator : SY/MD
 Sample : M4686-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG214

Quant Time: Nov 19 00:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

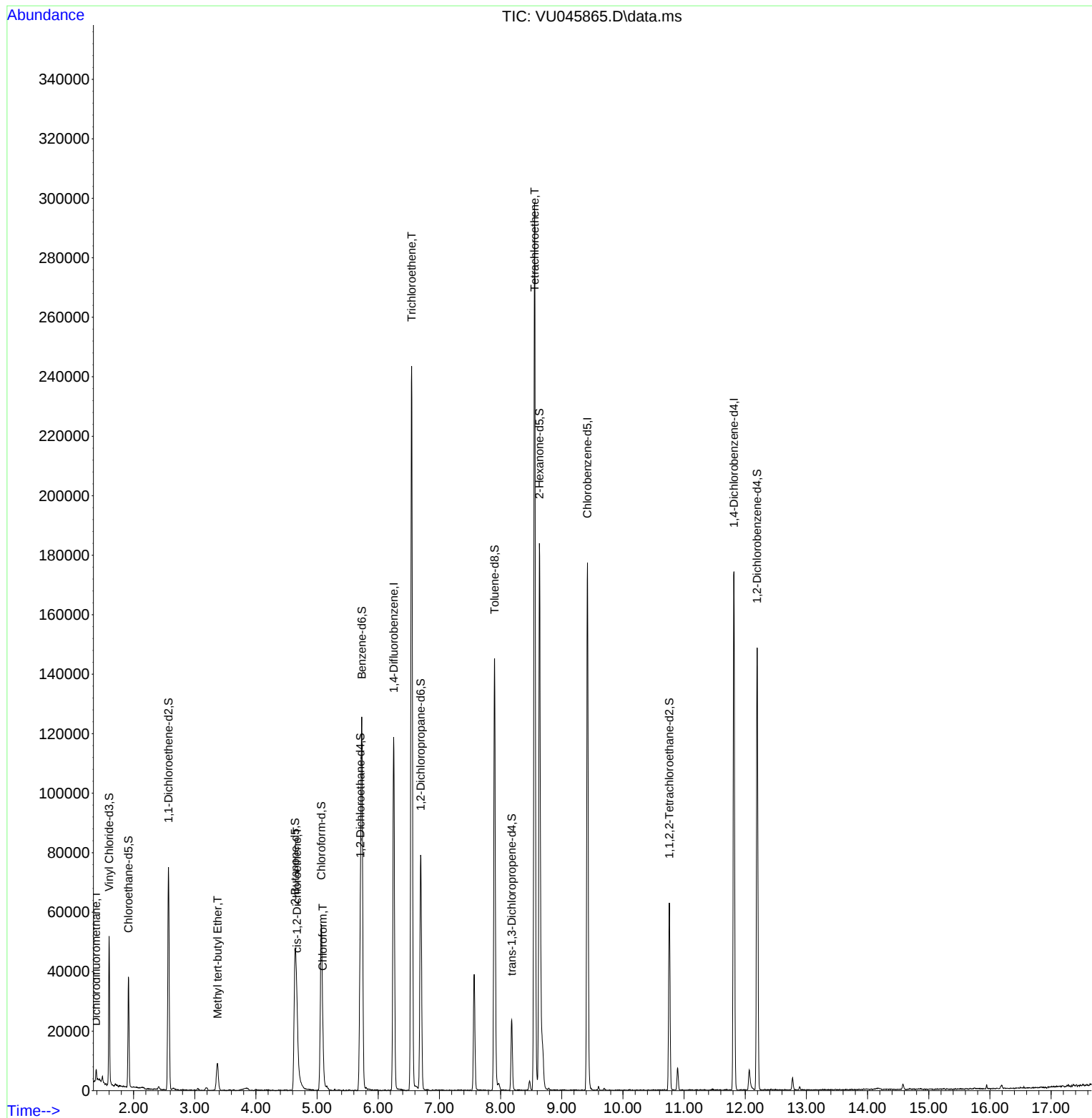
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34321	4.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.916	69	26980	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.571	65	14191	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.642	46	94249	47.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.640%
24) Chloroform-d	5.070	84	49144	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.706	65	32725	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.732	84	115500	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.693	67	38223	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.902	98	97791	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.182	79	14054	4.063	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.636	63	62651	40.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31023	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	37646	4.868	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1283	0.170	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	9974	0.667	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	4500	0.674	ug/L	95
25) Chloroform	5.092	83	10947	0.874	ug/L	94
34) Trichloroethene	6.546	95	83504	11.828	ug/L	98
47) Tetrachloroethene	8.555	164	65531	13.259	ug/L	95

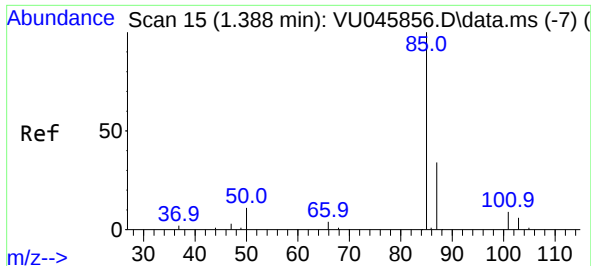
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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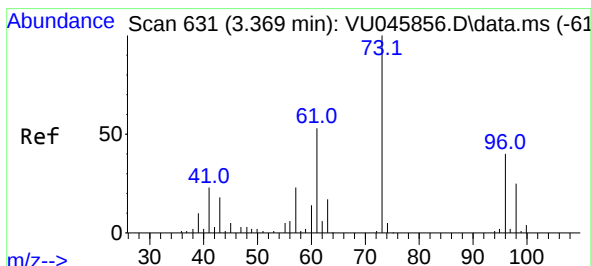
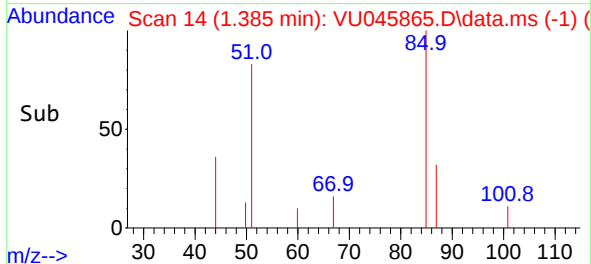
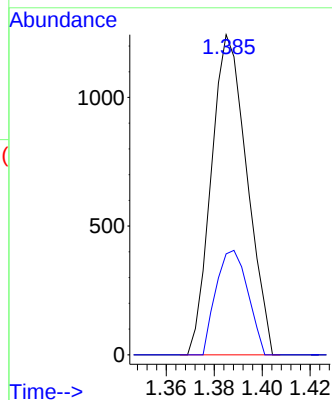
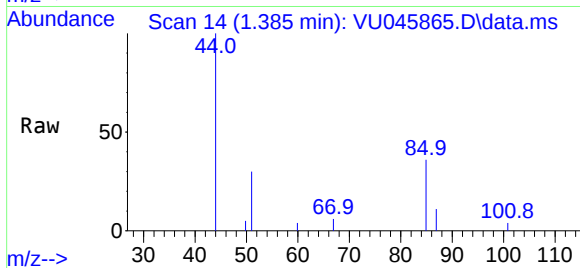




#2
Dichlorodifluoromethane
Concen: 0.170 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045865.D
Acq: 18 Nov 2021 13:55

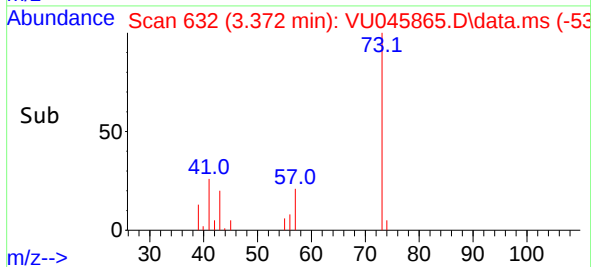
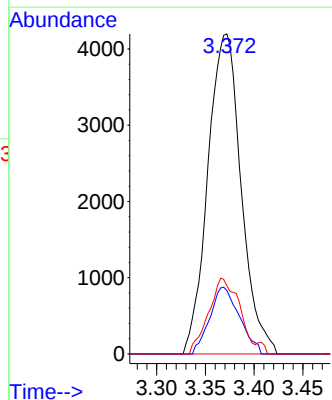
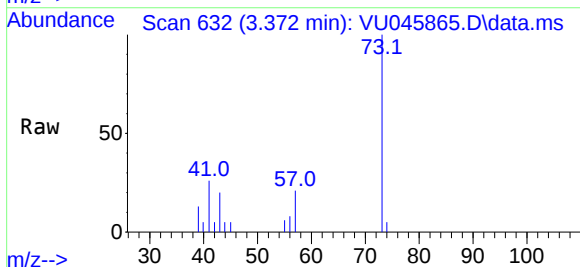
Instrument :
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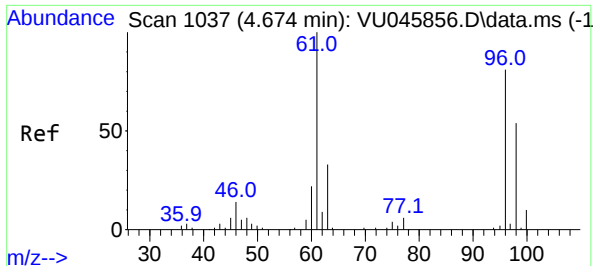
Tgt Ion: 85 Resp: 1283
Ion Ratio Lower Upper
85 100
87 29.1 25.8 38.6



#17
Methyl tert-butyl Ether
Concen: 0.667 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045865.D
Acq: 18 Nov 2021 13:55

Tgt Ion: 73 Resp: 9974
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 21.9 17.4 26.0

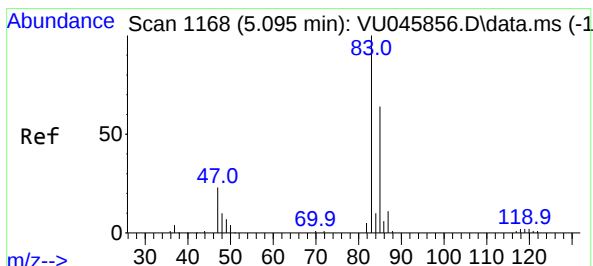
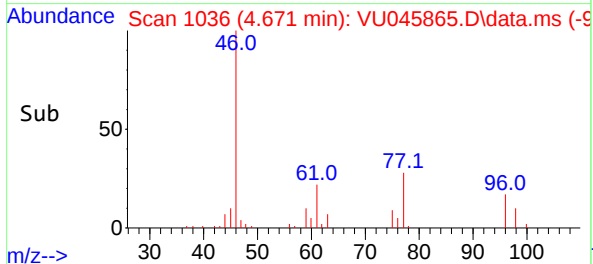
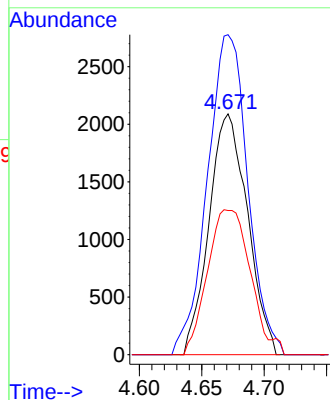
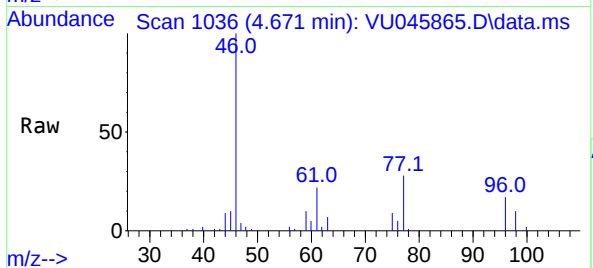




#22
 cis-1,2-Dichloroethene
 Concen: 0.674 ug/L
 RT: 4.671 min Scan# 1103
 Delta R.T. -0.003 min
 Lab File: VU045865.D
 Acq: 18 Nov 2021 13:55

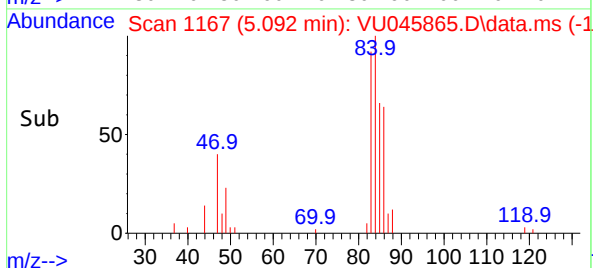
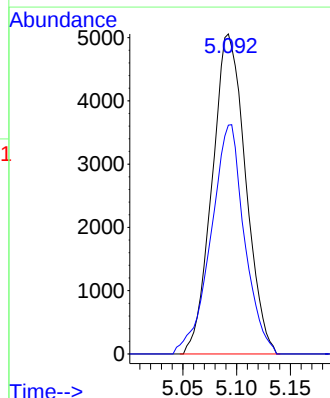
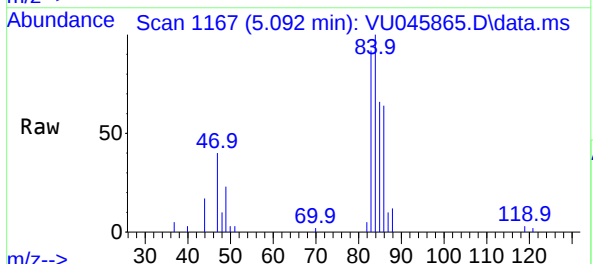
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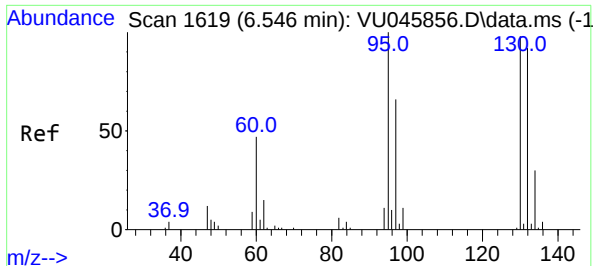
Tgt Ion: 96	Resp:	4500
Ion	Ratio	Lower Upper
96	100	
61	132.9	88.5 164.3
98	59.9	44.4 82.5



#25
 Chloroform
 Concen: 0.874 ug/L
 RT: 5.092 min Scan# 1167
 Delta R.T. -0.003 min
 Lab File: VU045865.D
 Acq: 18 Nov 2021 13:55

Tgt Ion: 83	Resp:	10947
Ion	Ratio	Lower Upper
83	100	
85	71.5	46.9 87.1



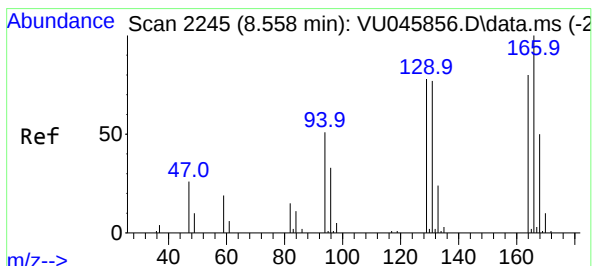
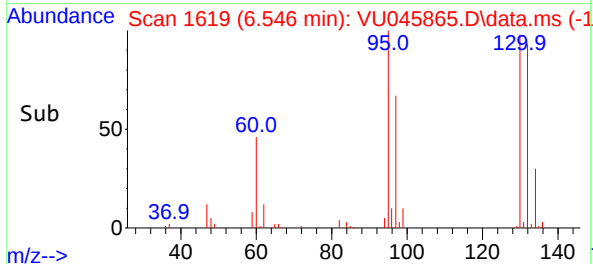
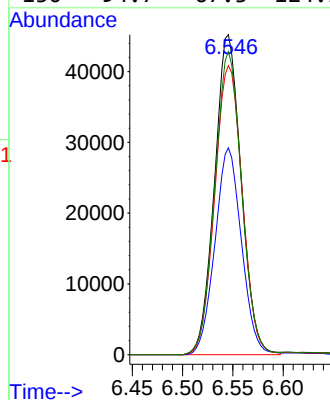
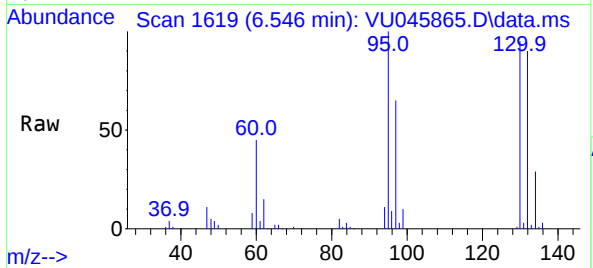


#34
Trichloroethene
Concen: 11.828 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045865.D
Acq: 18 Nov 2021 13:55

Instrument :
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Tgt Ion: 95 Resp: 83504

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	90.4	65.1	120.9
130	94.7	67.3	124.9



#47
Tetrachloroethene
Concen: 13.259 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045865.D
Acq: 18 Nov 2021 13:55

Tgt Ion: 164 Resp: 65531

Ion	Ratio	Lower	Upper
164	100		
129	98.2	71.8	133.4
131	94.5	68.5	127.3
166	125.9	94.1	174.8

