

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046892.D
 Acq On : 28 Jan 2022 14:56
 Operator : SY/MD
 Sample : N1273-06DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK5DL

Quant Time: Jan 29 00:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

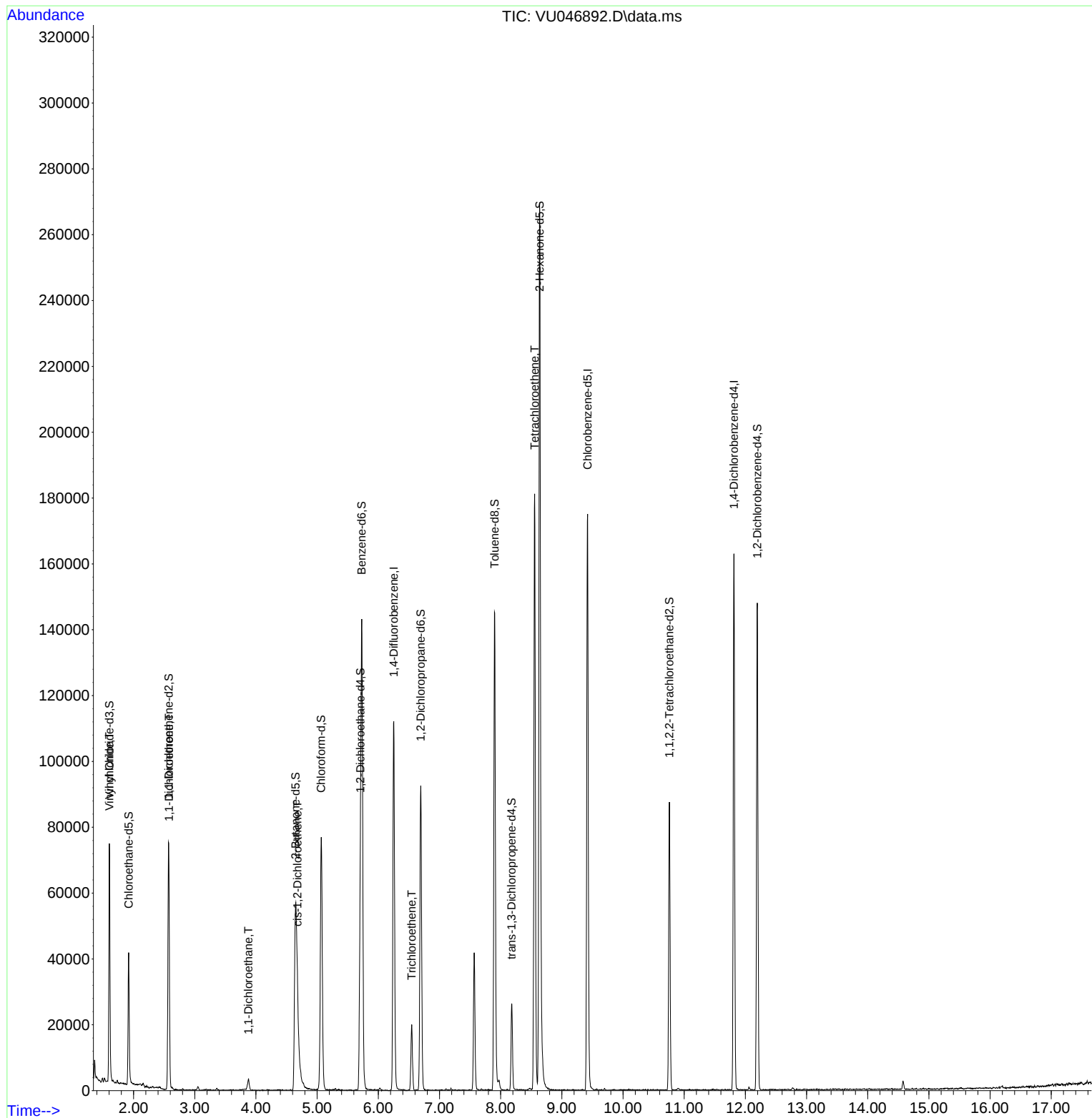
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31005	3.869	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.919	69	30736	4.867	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.575	65	14163	4.442	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	4.649	46	123137	51.861	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.720%	
24) Chloroform-d	5.067	84	72119	5.126	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.707	65	40130	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.729	84	135868	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.694	67	44831	4.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.903	98	102429	3.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	8.179	79	15663	3.961	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.636	63	102646	43.836	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43162	4.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38877	4.708	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
5) Vinyl chloride	1.607	62	23849	3.127	ug/L	98
12) 1,1-Dichloroethene	2.578	96	979	0.185	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	3719	0.387	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	2339	0.388	ug/L	93
34) Trichloroethene	6.546	95	6592	1.057	ug/L	91
47) Tetrachloroethene	8.555	164	40793	8.041	ug/L	94

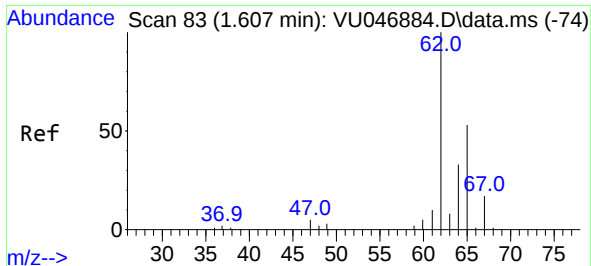
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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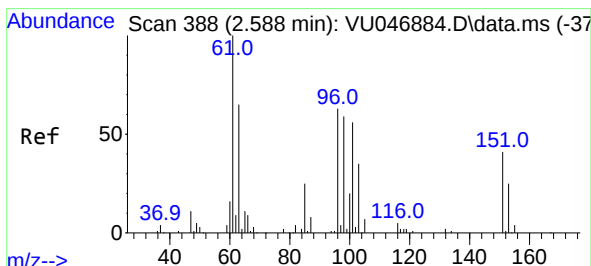
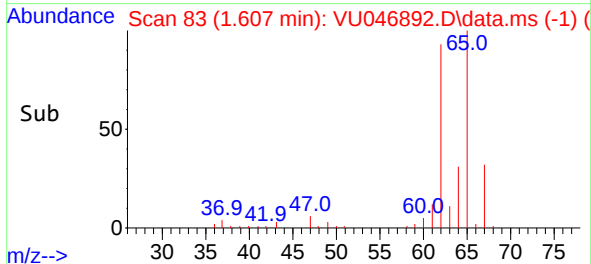
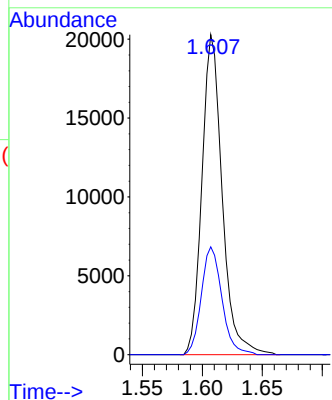
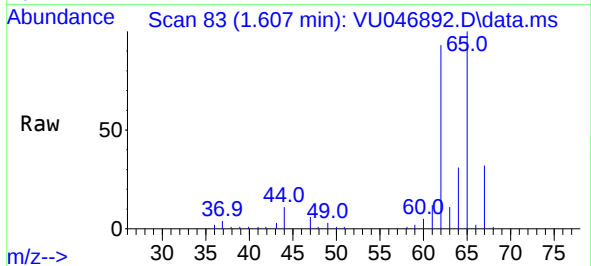




#5
 Vinyl chloride
 Concen: 3.127 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046892.D
 Acq: 28 Jan 2022 14:56

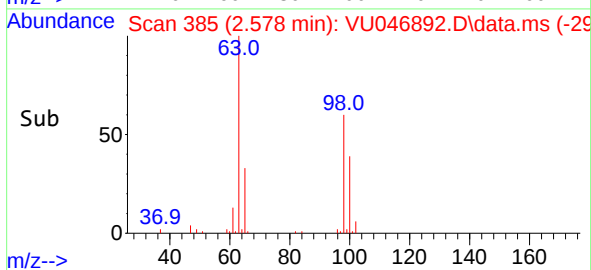
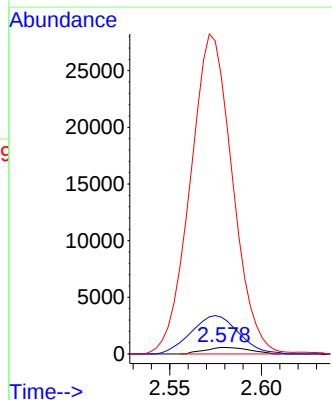
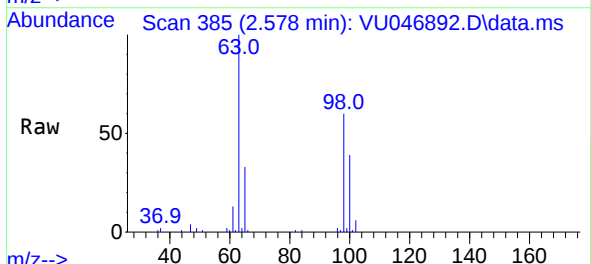
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK5DL

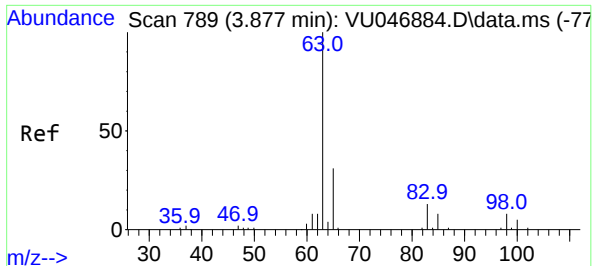
Tgt Ion: 62 Resp: 23849
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 0.185 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046892.D
 Acq: 28 Jan 2022 14:56

Tgt Ion: 96 Resp: 979
 Ion Ratio Lower Upper
 96 100
 61 560.7 124.7 231.5#
 63 4221.3 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.387 ug/L

RT: 3.877 min Scan# 719

Delta R.T. 0.000 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

C0HK5DL

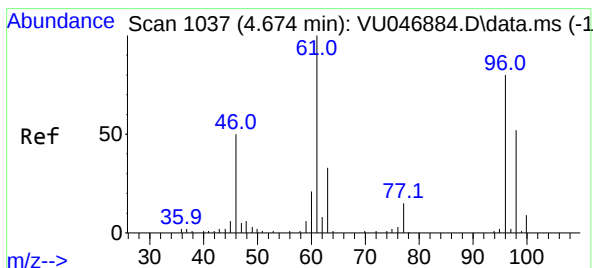
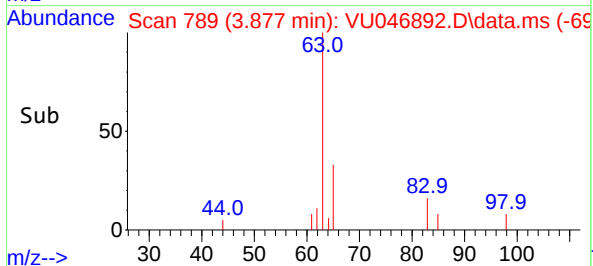
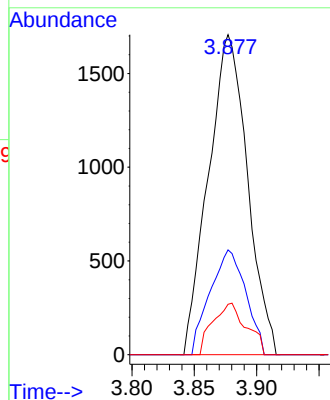
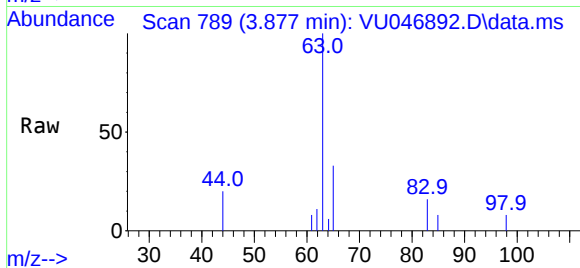
Tgt Ion: 63 Resp: 3719

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 15.8 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

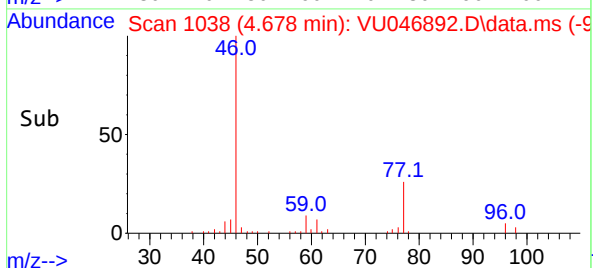
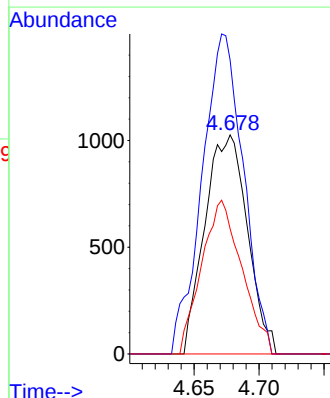
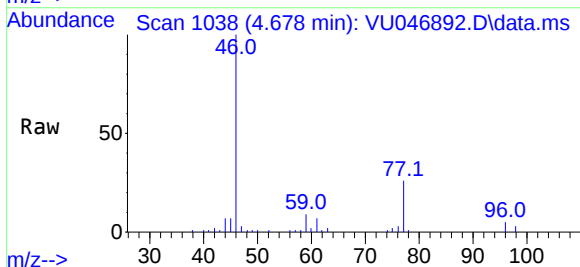
Tgt Ion: 96 Resp: 2339

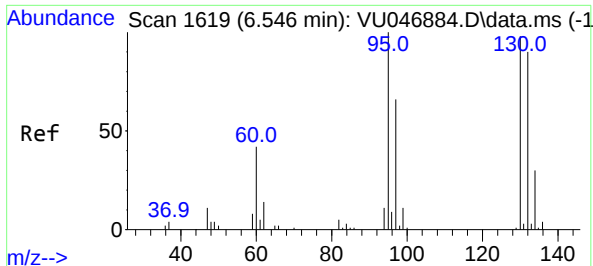
Ion Ratio Lower Upper

96 100

61 134.2 88.5 164.3

98 57.1 44.4 82.5



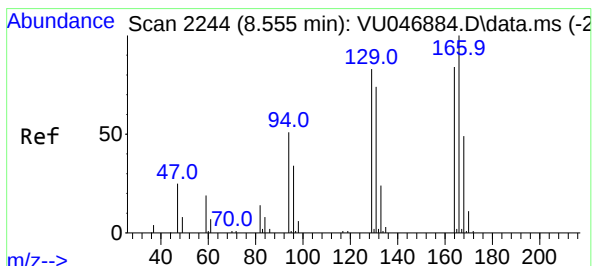
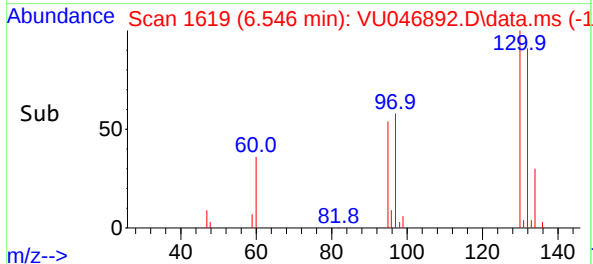
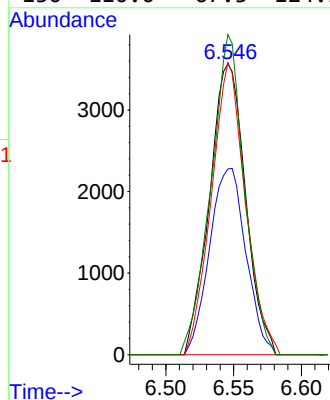
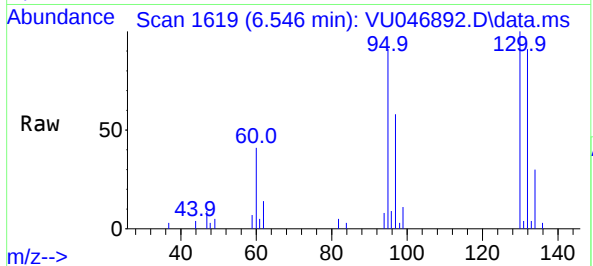


#34
Trichloroethene
Concen: 1.057 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Instrument :
MSVOA_U
ClientSampleId :
C0HK5DL

Tgt Ion: 95 Resp: 6592

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.5	86.5
132	100.4	65.1	120.9
130	110.0	67.3	124.9



#47
Tetrachloroethene
Concen: 8.041 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Tgt Ion: 164 Resp: 40793

Ion	Ratio	Lower	Upper
164	100		
129	97.1	71.8	133.4
131	94.7	68.5	127.3
166	124.1	94.1	174.8

