

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022671.D
 Acq On : 07 Oct 2021 18:41
 Operator : SY/MD
 Sample : M4051-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW9

Quant Time: Oct 08 04:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

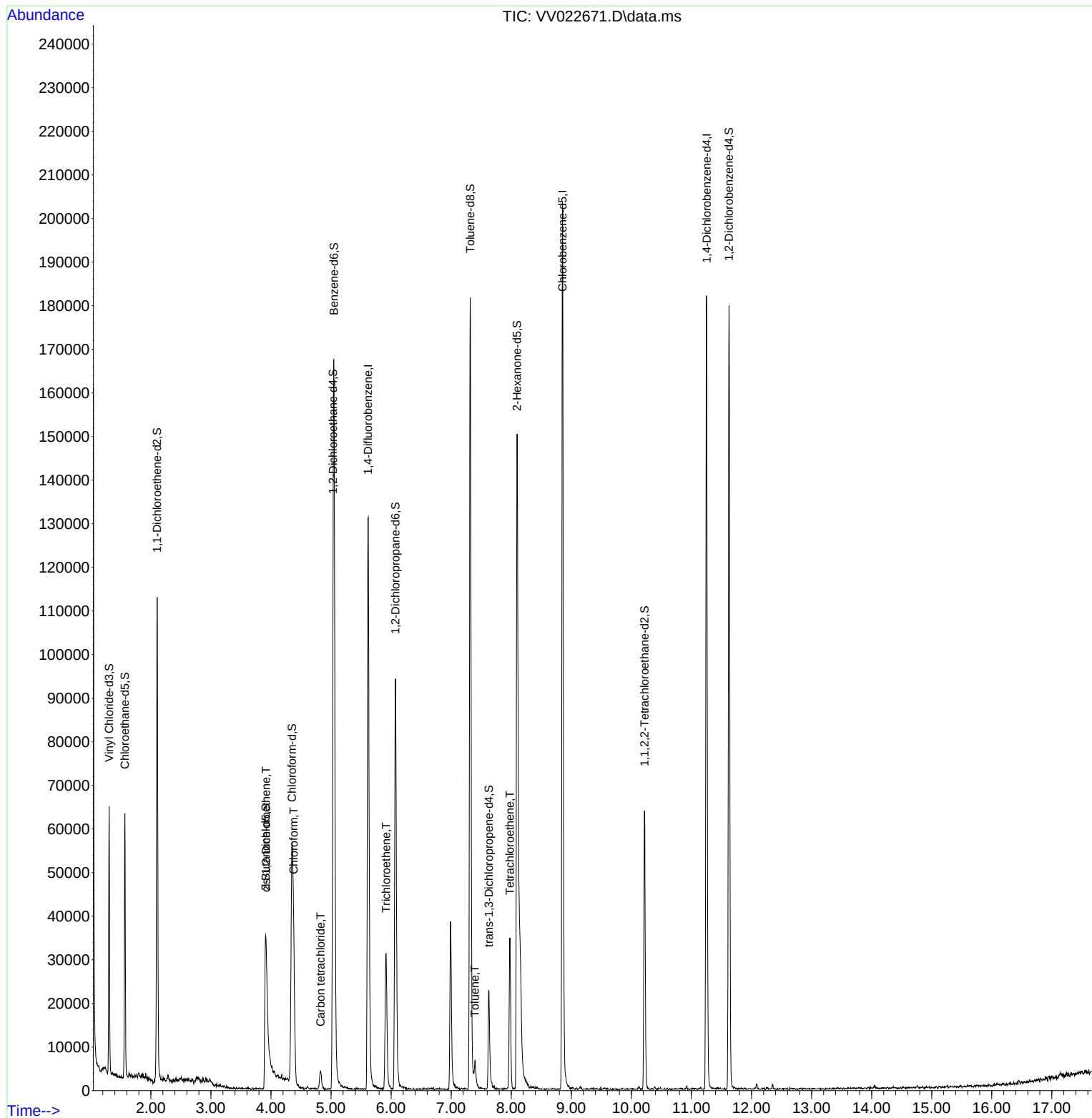
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37857	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	35955	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.105	63	55998	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.912	46	68188	32.453	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.900%
24) Chloroform-d	4.349	84	50301	3.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.000%#
26) 1,2-Dichloroethane-d4	5.034	65	36800	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.047	84	144733	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	46056	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.317	98	122803	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.629	79	14413	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.095	63	59599	43.234	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30635	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49013	5.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.915	96	2168	0.270	ug/L	84
25) Chloroform	4.378	83	28268	1.770	ug/L	98
31) Carbon tetrachloride	4.825	117	3076	0.265	ug/L	98
34) Trichloroethene	5.918	95	10007	1.168	ug/L	94
42) Toluene	7.394	91	4519	0.141	ug/L	92
47) Tetrachloroethene	7.979	164	8667	1.251	ug/L	97

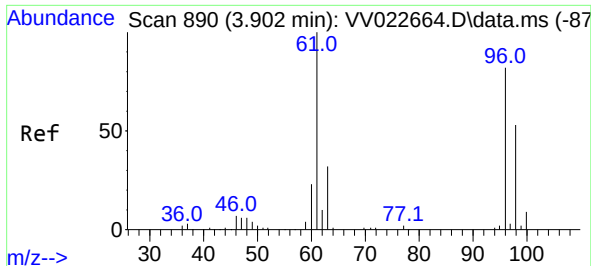
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.270 ug/L

RT: 3.915 min Scan# 894

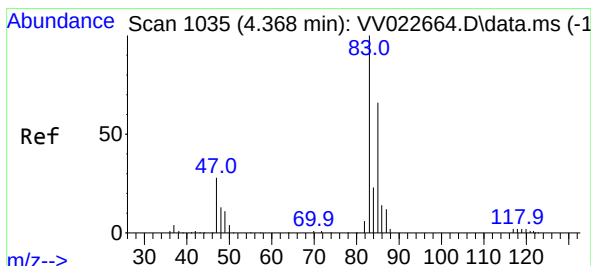
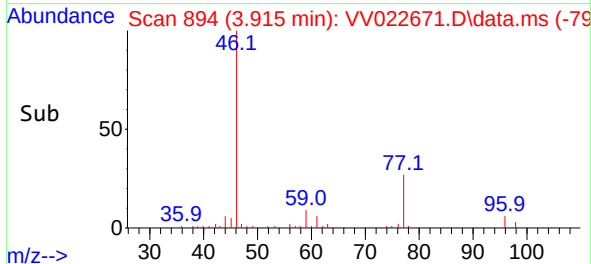
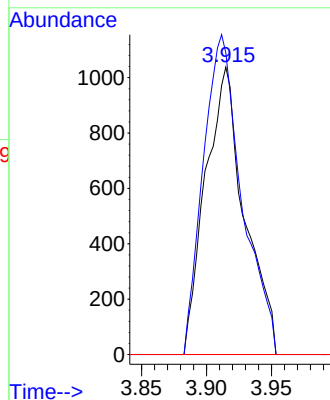
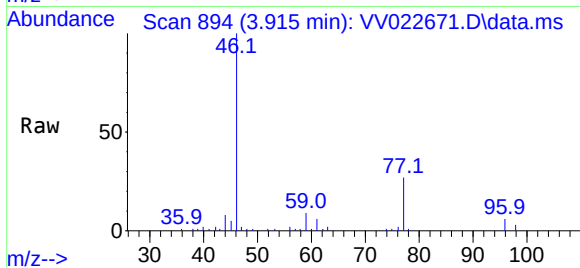
Delta R.T. 0.013 min

Lab File: VV022671.D

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Tgt Ion: 96 Resp: 2168

Ion	Ratio	Lower	Upper
96	100		
61	105.0	86.0	159.6
68	0.0	0.0	0.0



#25

Chloroform

Concen: 1.770 ug/L

RT: 4.378 min Scan# 1038

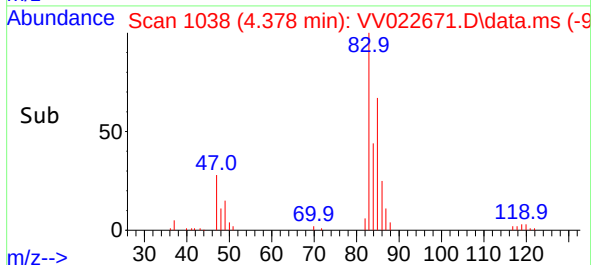
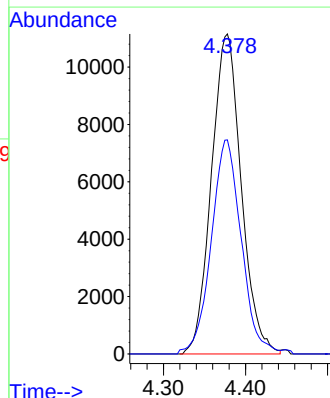
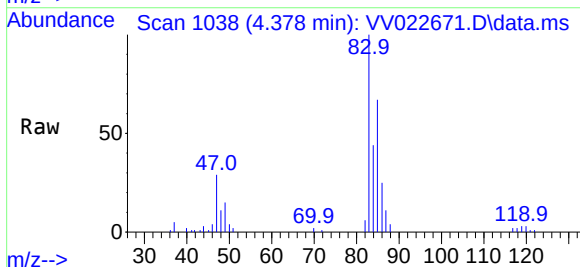
Delta R.T. 0.010 min

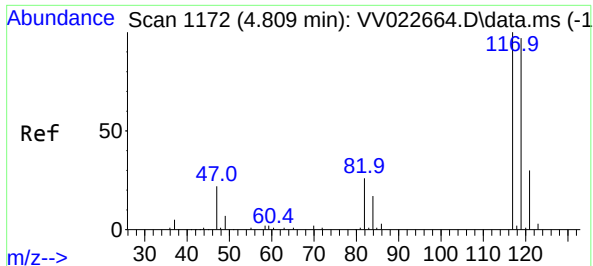
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Acq: 07 Oct 2021 18:41

Tgt Ion: 83 Resp: 28268

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.7	84.9

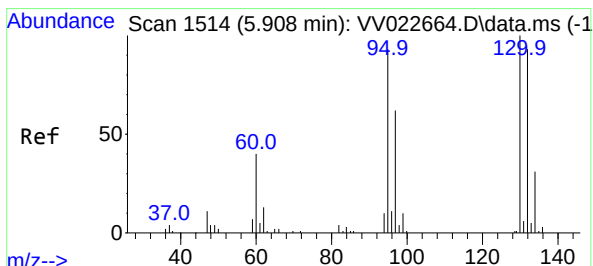
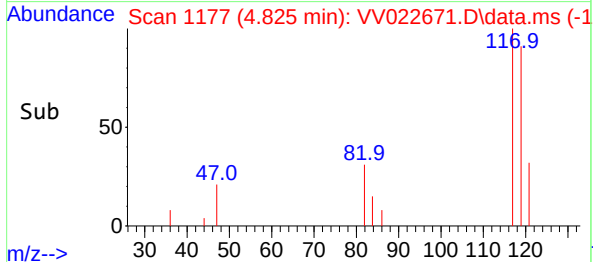
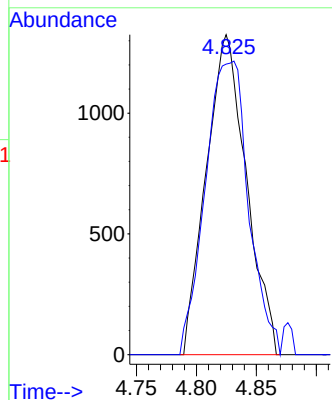
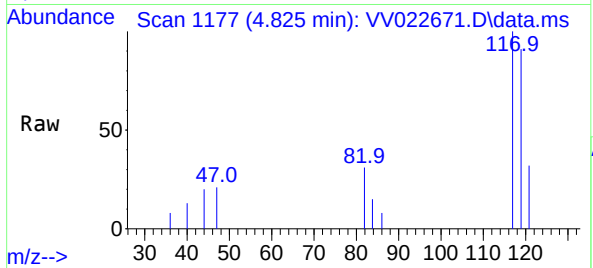




#31
Carbon tetrachloride
Concen: 0.265 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.016 min
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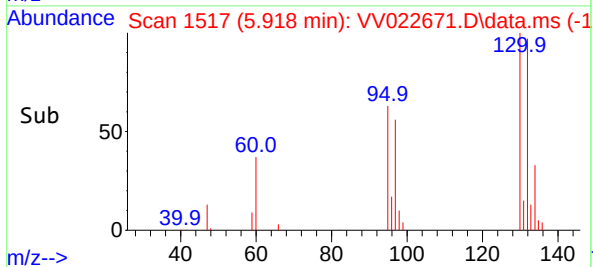
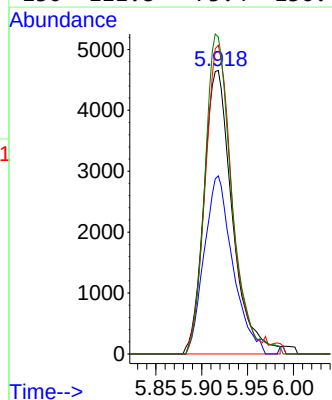
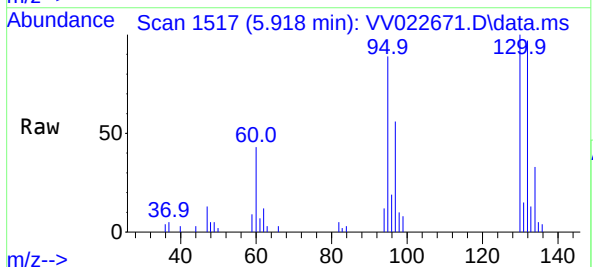
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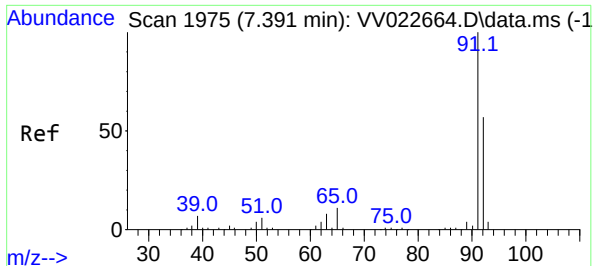
Tgt Ion:117 Resp: 3076
Ion Ratio Lower Upper
117 100
119 99.1 77.4 116.0



#34
Trichloroethene
Concen: 1.168 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022671.D
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Tgt Ion: 95 Resp: 10007
Ion Ratio Lower Upper
95 100
97 62.8 45.8 85.2
132 108.9 72.2 134.0
130 111.8 73.4 136.4

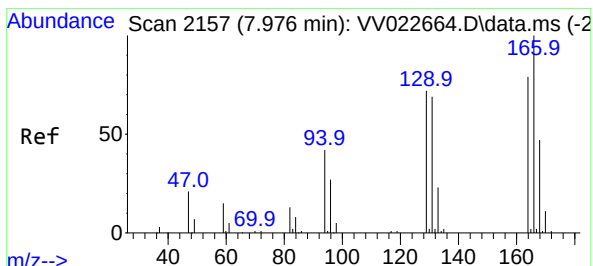
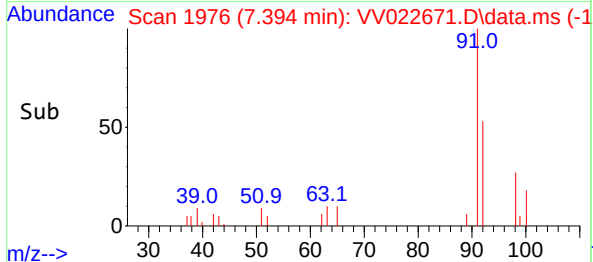
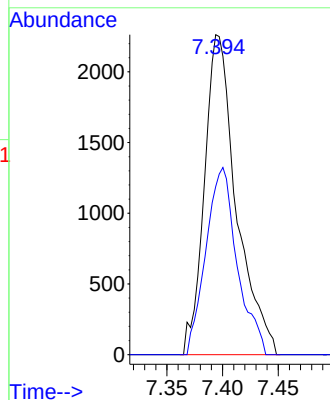
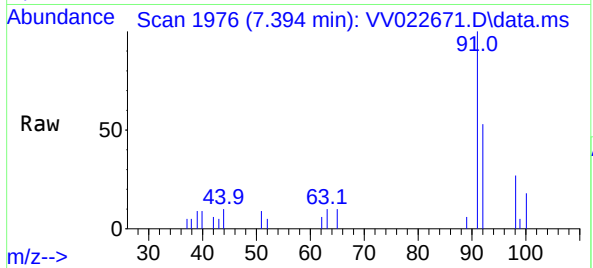




#42
Toluene
Concen: 0.141 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022671.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AW9

Tgt Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
92 52.5 40.7 75.7



#47
Tetrachloroethene
Concen: 1.251 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 164 Resp: 8667
Ion Ratio Lower Upper
164 100
129 88.5 65.0 120.6
131 87.9 62.2 115.4
166 123.4 89.2 165.8

