

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029232.D
 Acq On : 20 Nov 2022 18:04
 Operator : SY/MD
 Sample : N5652-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L8

Quant Time: Nov 21 00:59:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

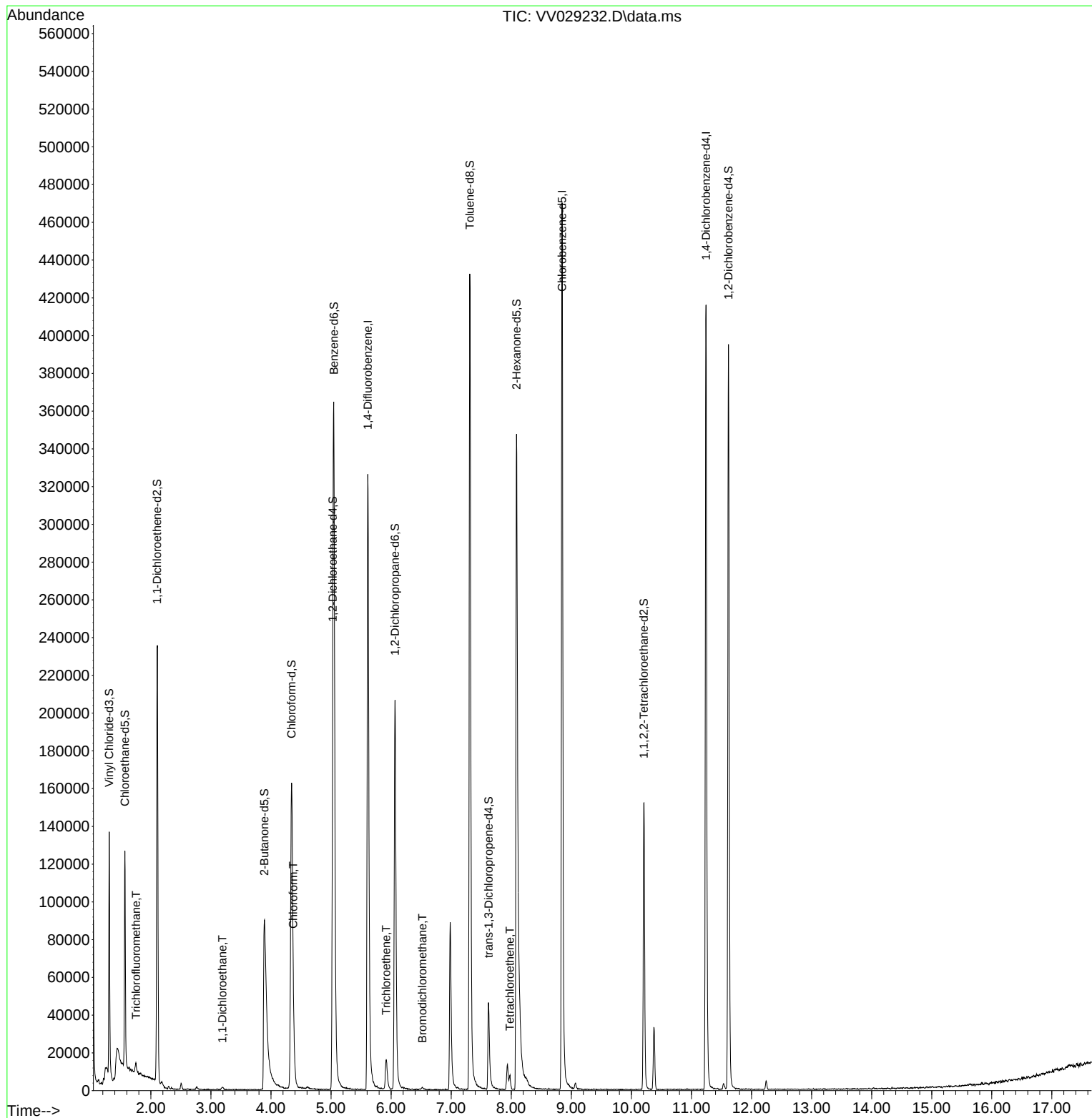
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	308577	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	283518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	123651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90866	4.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	75833	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.105	63	119204	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.889	46	183817	58.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.740%
24) Chloroform-d	4.343	84	175434	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.027	65	81954	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	359164	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	108480	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.310	98	311946	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.622	79	30141	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.088	63	145207	44.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78116	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	112329	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	2792	0.085	ug/L	88
19) 1,1-Dichloroethane	3.192	63	1712	0.048	ug/L	89
25) Chloroform	4.372	83	21660	0.583	ug/L	97
34) Trichloroethene	5.918	95	6130	0.276	ug/L	96
38) Bromodichloromethane	6.519	83	1165	0.046	ug/L #	90
47) Tetrachloroethene	7.979	164	1829	0.103	ug/L	90

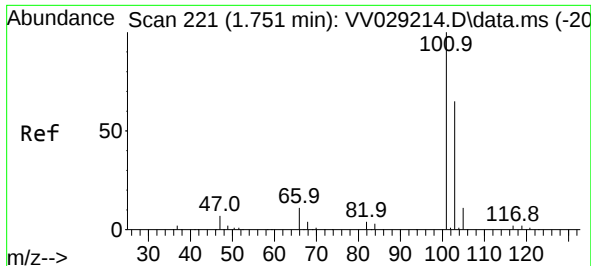
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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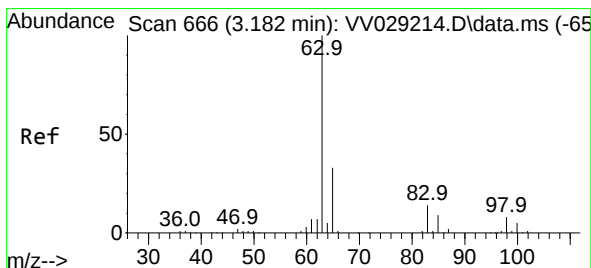
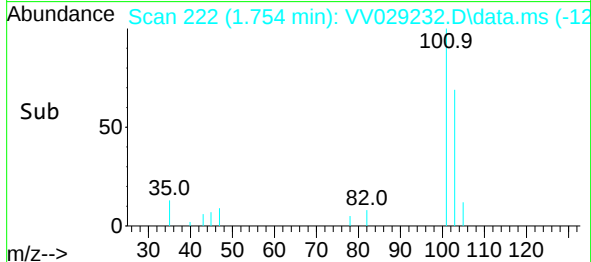
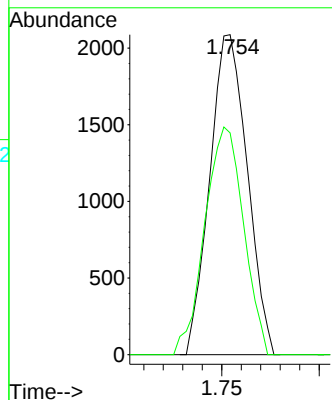
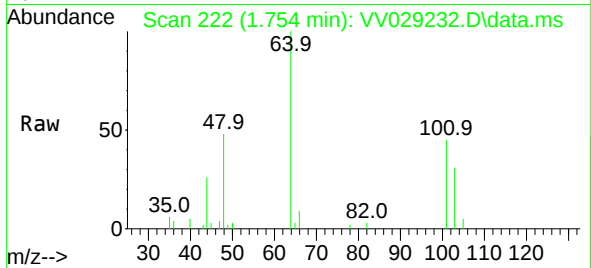




#9
 Trichlorofluoromethane
 Concen: 0.085 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029232.D
 Acq: 20 Nov 2022 18:04

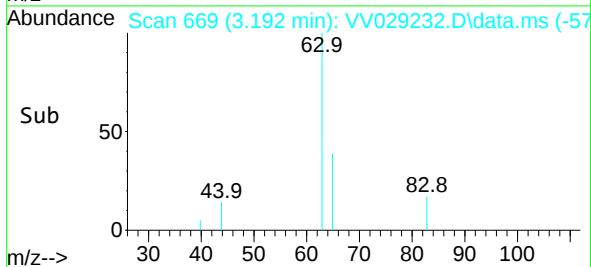
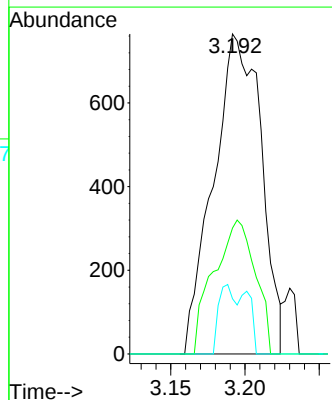
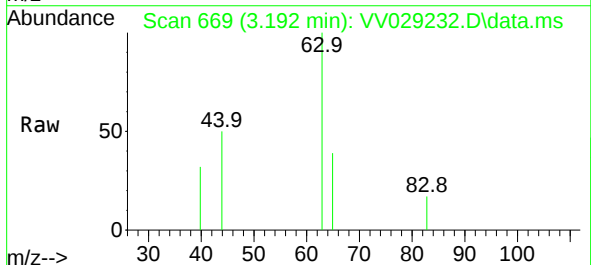
Instrument :
 MSVOA_V
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 BH1L8

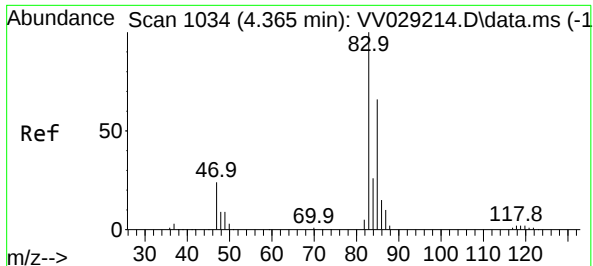
Tgt Ion:101 Resp: 2792
 Ion Ratio Lower Upper
 101 100
 103 73.4 51.3 76.9



#19
 1,1-Dichloroethane
 Concen: 0.048 ug/L
 RT: 3.192 min Scan# 669
 Delta R.T. 0.010 min
 Lab File: VV029232.D
 Acq: 20 Nov 2022 18:04

Tgt Ion: 63 Resp: 1712
 Ion Ratio Lower Upper
 63 100
 65 39.3 23.0 42.6
 83 17.3 9.4 17.6





#25

Chloroform

Concen: 0.583 ug/L

RT: 4.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029232.D

Acq: 20 Nov 2022 18:04

Instrument :

MSVOA_V

ClientSampleId :

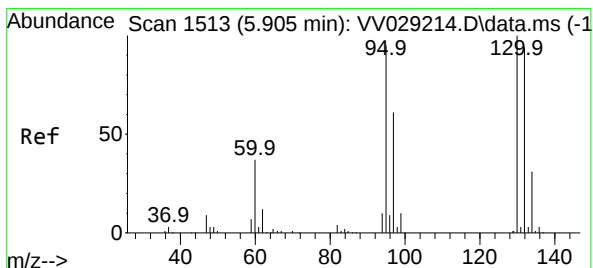
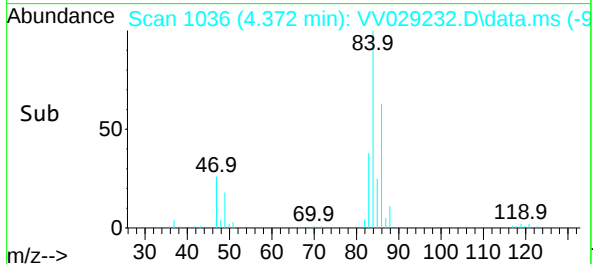
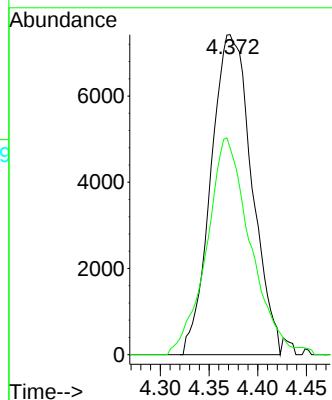
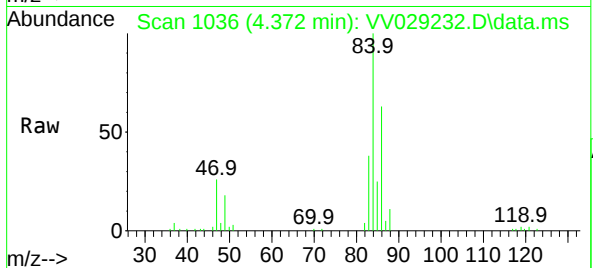
BH1L8

Tgt Ion: 83 Resp: 21660

Ion Ratio Lower Upper

83 100

85 64.6 43.7 81.1



#34

Trichloroethene

Concen: 0.276 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV029232.D

Acq: 20 Nov 2022 18:04

Tgt Ion: 95 Resp: 6130

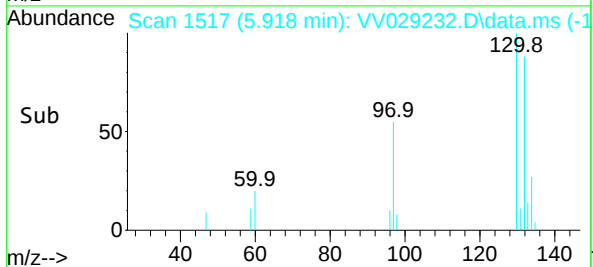
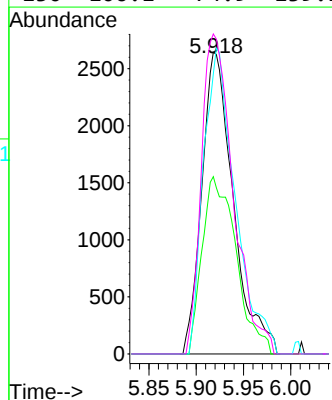
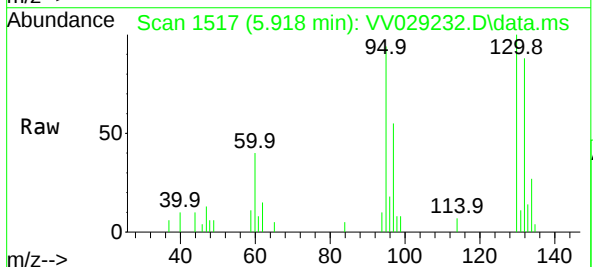
Ion Ratio Lower Upper

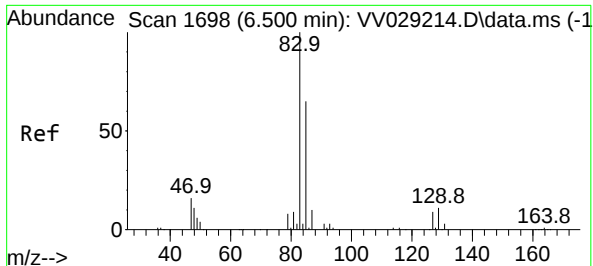
95 100

97 58.8 45.6 84.8

132 92.8 69.1 128.3

130 106.1 74.9 139.1

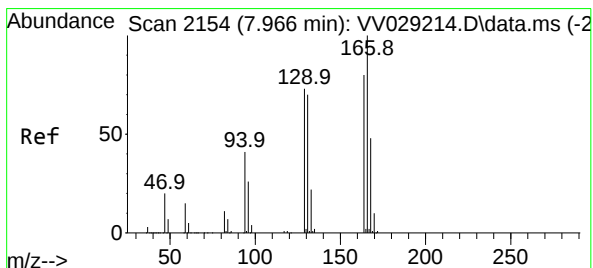
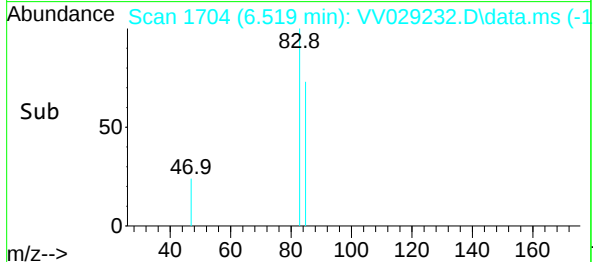
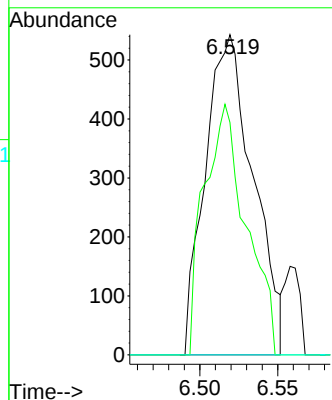
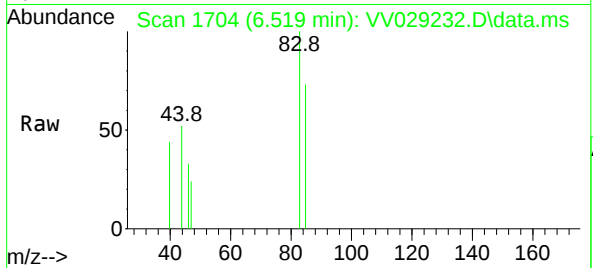




#38
Bromodichloromethane
Concen: 0.046 ug/L
RT: 6.519 min Scan# 1165
Delta R.T. 0.019 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Instrument :
MSVOA_V
ClientSampleId :
BH1L8

Tgt Ion: 83 Resp: 1165
Ion Ratio Lower Upper
83 100
85 72.6 46.1 85.5
127 0.0 6.7 10.1#



#47
Tetrachloroethene
Concen: 0.103 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VV029232.D
Acq: 20 Nov 2022 18:04

Tgt Ion: 164 Resp: 1829
Ion Ratio Lower Upper
164 100
129 73.0 63.9 118.7
131 77.1 61.8 114.8
166 132.2 90.2 167.4

