

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023945.D
 Acq On : 20 Jul 2022 18:57
 Operator : SY/VA
 Sample : N3744-17
 Misc : 5.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D03

Quant Time: Jul 21 00:25:21 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)

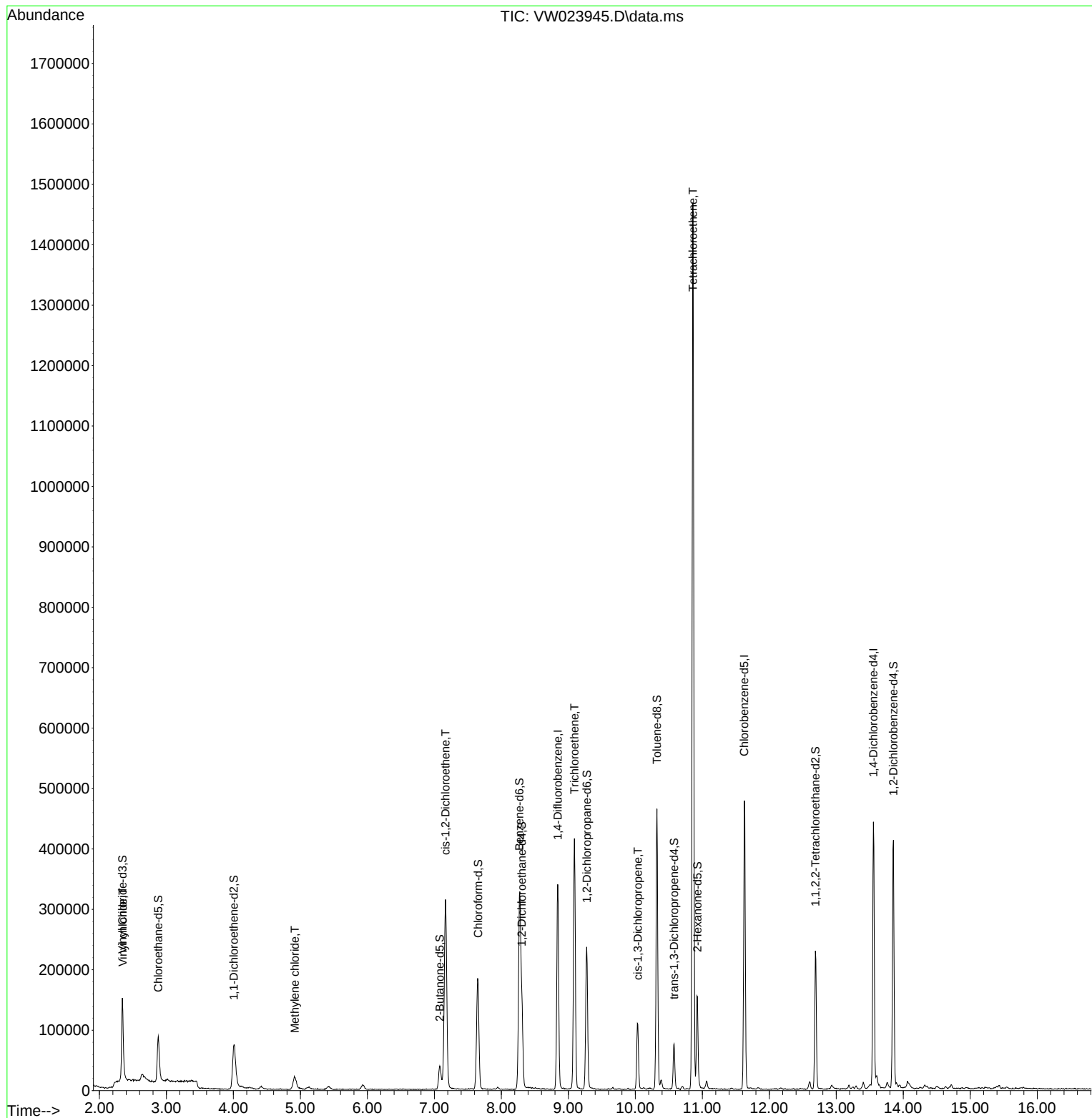
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	269606	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	255685	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	105931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	123758	17.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.880%
7) Chloroethane-d5	2.879	69	88824	19.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
11) 1,1-Dichloroethene-d2	4.007	63	85759	15.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.160%
21) 2-Butanone-d5	7.080	46	61872	57.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.860%
24) Chloroform-d	7.653	84	180961	23.054	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.305	65	107814	22.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.840%
32) Benzene-d6	8.269	84	336245	25.298	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	9.275	67	103605	25.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.520%
41) Toluene-d8	10.323	98	295565	21.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	40058	21.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.400%
47) 2-Hexanone-d5	10.927	63	52455	62.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	108367	24.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	96227	25.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	30222	3.923	ug/L	87
16) Methylene chloride	4.916	84	17953	4.258	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	174112	45.324	ug/L #	99
34) Trichloroethene	9.092	95	134360	35.018	ug/L	98
39) cis-1,3-Dichloropropene	10.037	75	3886	0.708	ug/L	86
46) Tetrachloroethene	10.860	164	289165	97.467	ug/L	93

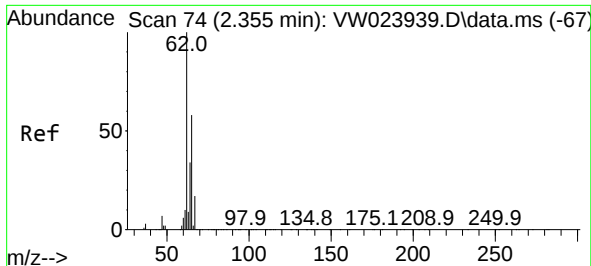
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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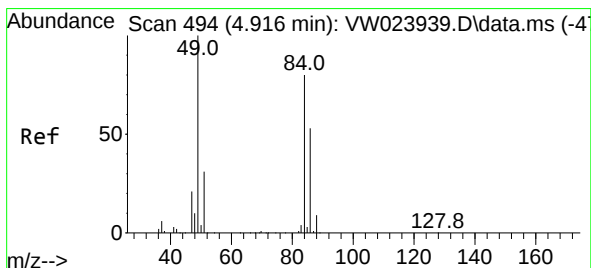
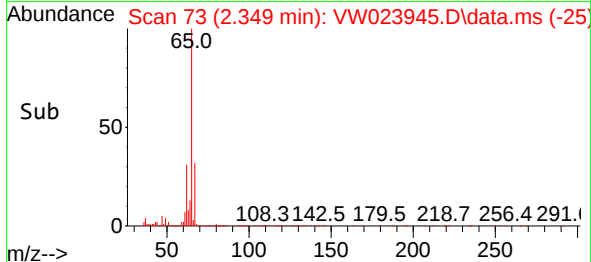
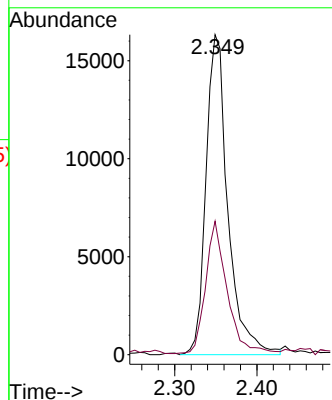
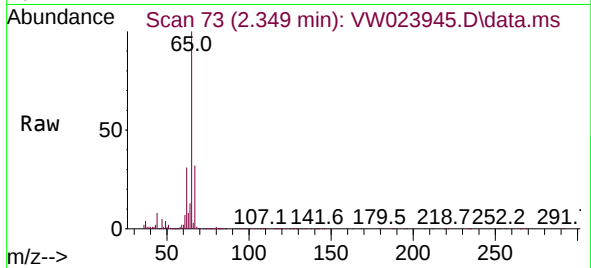




#5
 Vinyl chloride
 Concen: 3.923 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023945.D
 Acq: 20 Jul 2022 18:57

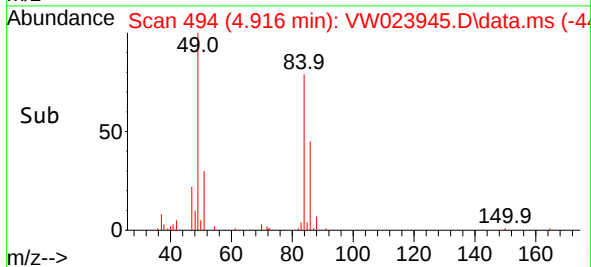
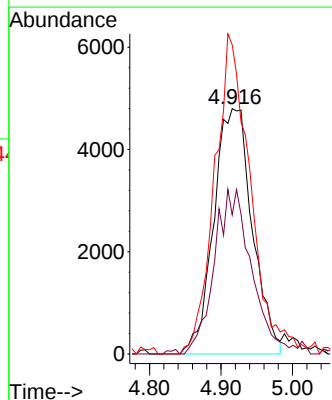
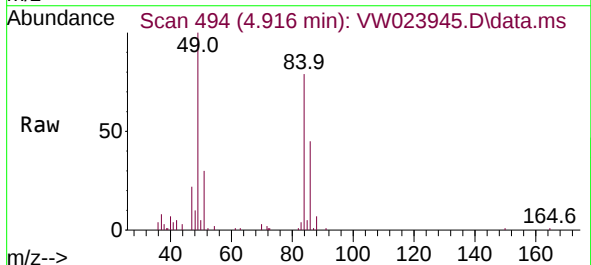
Instrument :
 MSVOA_W
 ClientSampleId :
 F5D03

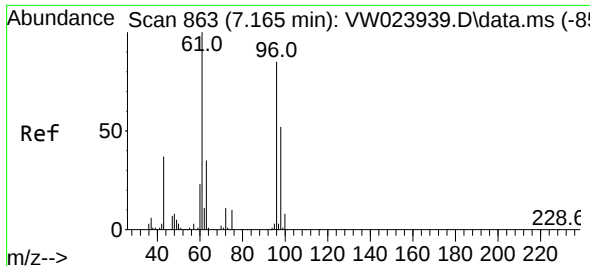
Tgt Ion: 62 Resp: 30222
 Ion Ratio Lower Upper
 62 100
 64 41.7 24.0 44.6



#16
 Methylene chloride
 Concen: 4.258 ug/L
 RT: 4.916 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VW023945.D
 Acq: 20 Jul 2022 18:57

Tgt Ion: 84 Resp: 17953
 Ion Ratio Lower Upper
 84 100
 86 56.7 42.8 79.6
 49 126.1 85.4 158.6

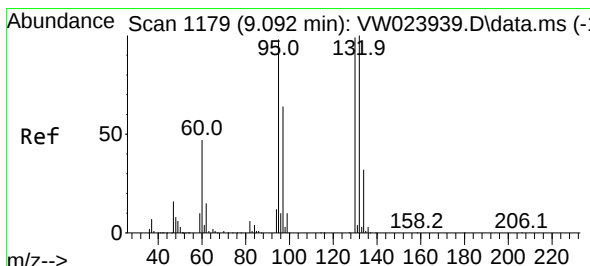
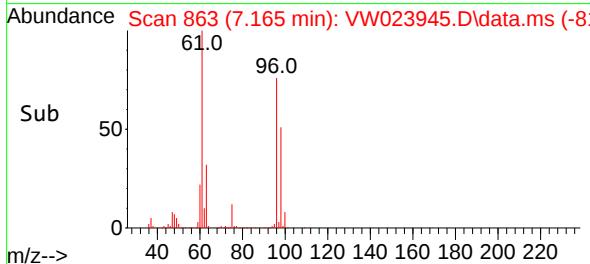
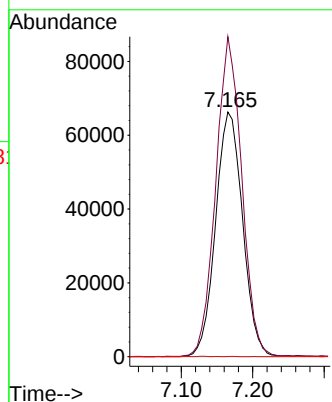
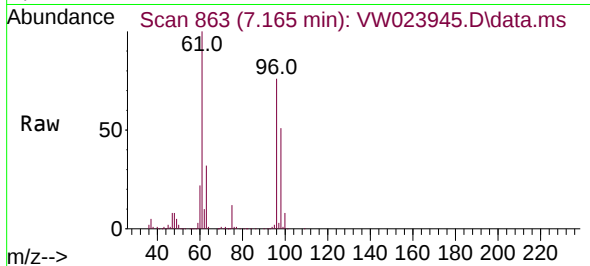




#20
cis-1,2-Dichloroethene
Concen: 45.324 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023945.D
Acq: 20 Jul 2022 18:57

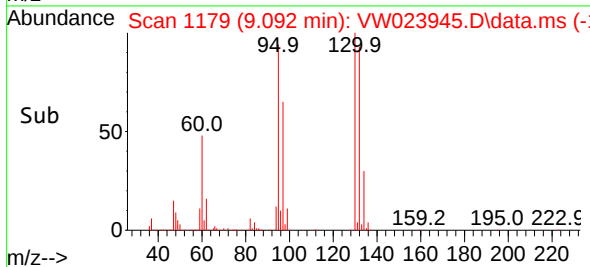
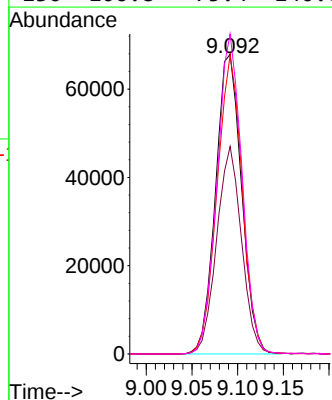
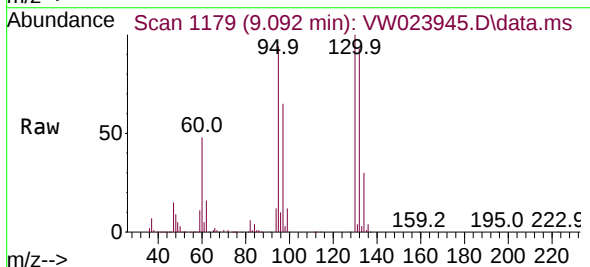
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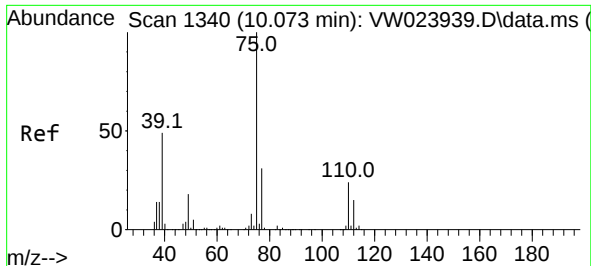
Tgt Ion: 96 Resp: 174112
Ion Ratio Lower Upper
96 100
61 130.8 90.6 168.2
68 0.1 0.2 0.4#



#34
Trichloroethene
Concen: 35.018 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023945.D
Acq: 20 Jul 2022 18:57

Tgt Ion: 95 Resp: 134360
Ion Ratio Lower Upper
95 100
97 69.2 45.6 84.8
132 99.7 69.9 129.7
130 106.8 75.4 140.0

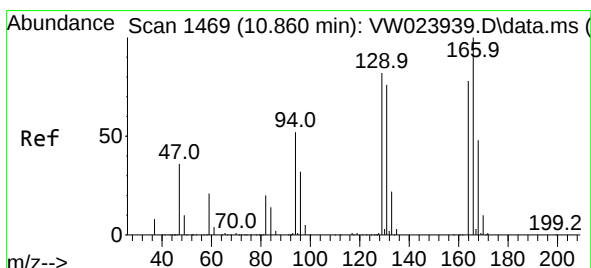
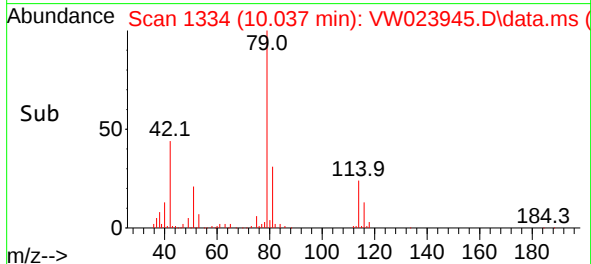
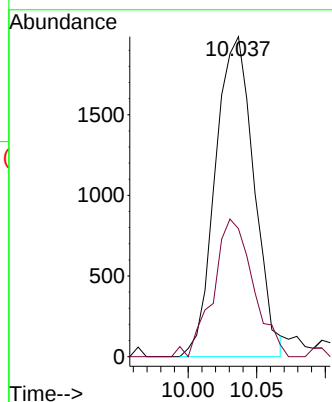
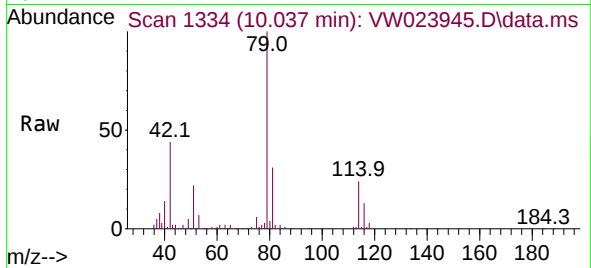




#39
cis-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 10.037 min Scan# 11
Delta R.T. -0.037 min
Lab File: VW023945.D
Acq: 20 Jul 2022 18:57

Instrument :
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Tgt Ion: 75 Resp: 3886
Ion Ratio Lower Upper
75 100
77 40.0 22.5 41.9



#46
Tetrachloroethene
Concen: 97.467 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023945.D
Acq: 20 Jul 2022 18:57

Tgt Ion:164 Resp: 289165
Ion Ratio Lower Upper
164 100
129 95.1 72.4 134.5
131 88.7 67.8 125.8
166 121.2 88.9 165.1

