

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
 Data File : VW028837.D
 Acq On : 02 Nov 2022 13:32
 Operator : SY/MD
 Sample : N5321-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWR7

Quant Time: Nov 03 03:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

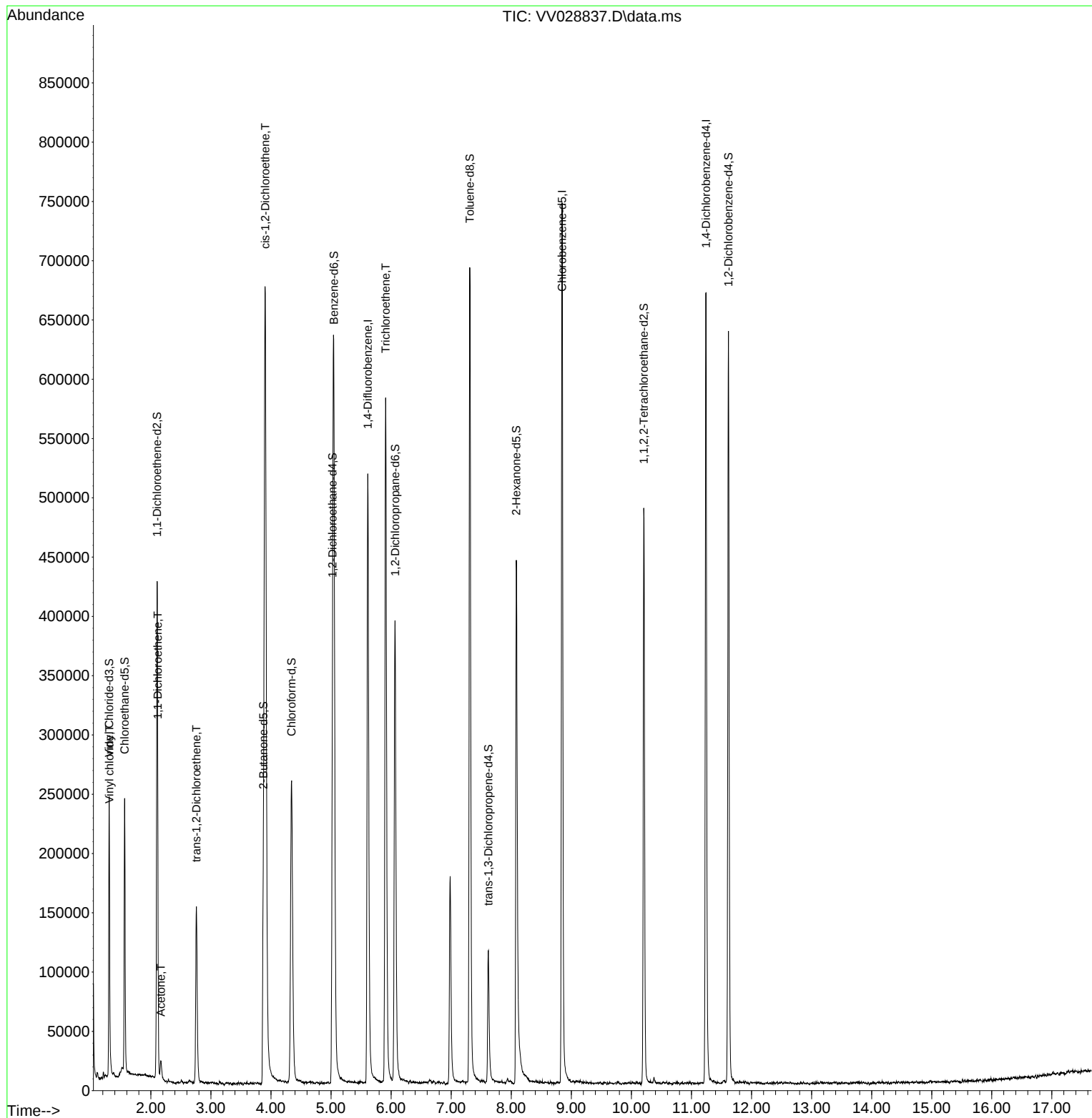
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	402029	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	368967	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	157276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148519	38.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.940%
7) Chloroethane-d5	1.564	69	144570	44.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.740%
11) 1,1-Dichloroethene-d2	2.105	63	231439	31.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.840%
21) 2-Butanone-d5	3.873	46	256674	92.519	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.520%
24) Chloroform-d	4.342	84	254661	44.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.024	65	181757	47.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
32) Benzene-d6	5.047	84	526251	45.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
36) 1,2-Dichloropropane-d6	6.066	67	188432	47.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.300%
41) Toluene-d8	7.310	98	440840	43.536	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.080%
43) trans-1,3-Dichloroprop...	7.619	79	63013	41.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
47) 2-Hexanone-d5	8.085	63	156633	87.650	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.650%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236636	45.381	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	11.615	152	144104	46.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	21224	4.696	ug/L	86
12) 1,1-Dichloroethene	2.114	96	5671	1.891	ug/L #	1
13) Acetone	2.166	43	17226	6.413	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	51830	17.870	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	325351	101.666	ug/L #	98
34) Trichloroethene	5.908	95	200761	66.090	ug/L	99

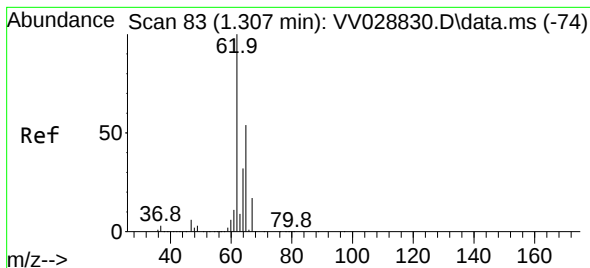
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.696 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

ClientSampleId :

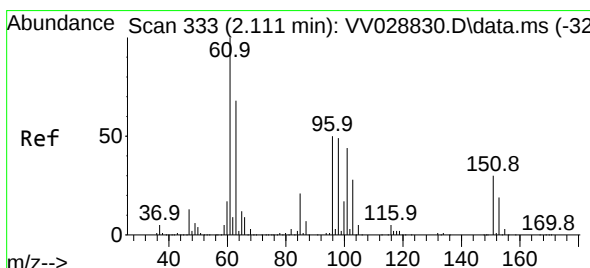
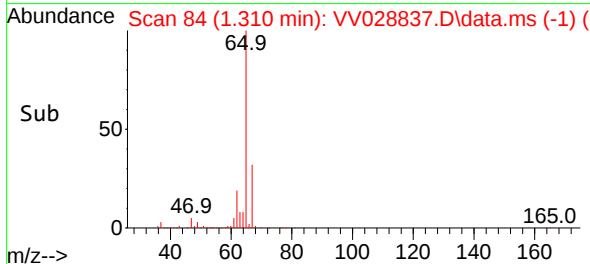
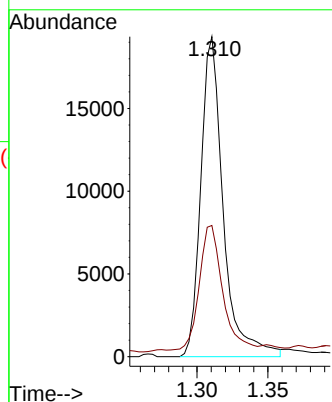
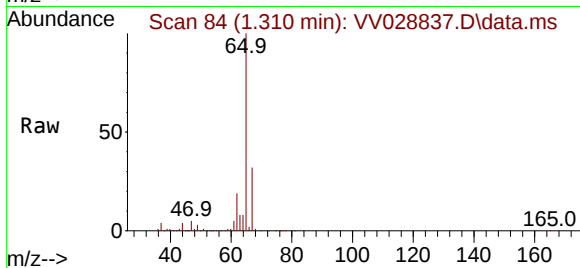
DBWR7

Tgt Ion: 62 Resp: 21224

Ion Ratio Lower Upper

62 100

64 41.0 23.2 43.0



#12

1,1-Dichloroethene

Concen: 1.891 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV028837.D

Acq: 02 Nov 2022 13:32

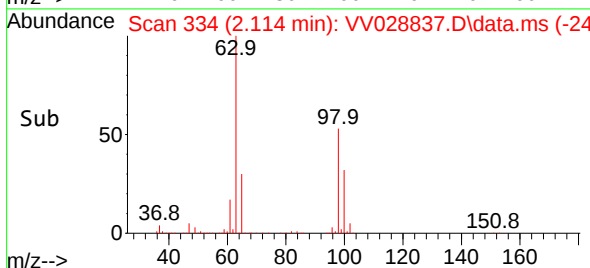
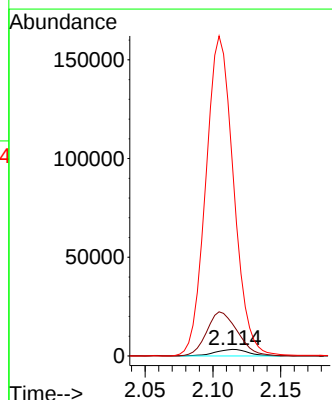
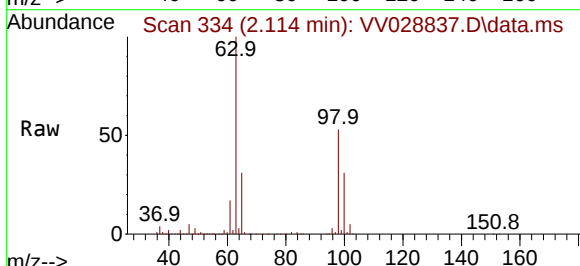
Tgt Ion: 96 Resp: 5671

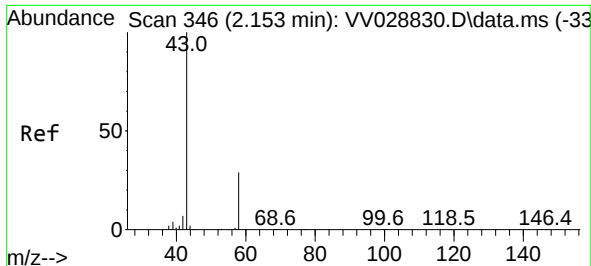
Ion Ratio Lower Upper

96 100

61 496.2 142.7 265.1#

63 2975.0 112.5 208.9#





#13

Acetone

Concen: 6.413 ug/L

RT: 2.166 min Scan# 31

Delta R.T. -0.000 min

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Acq: 02 Nov 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

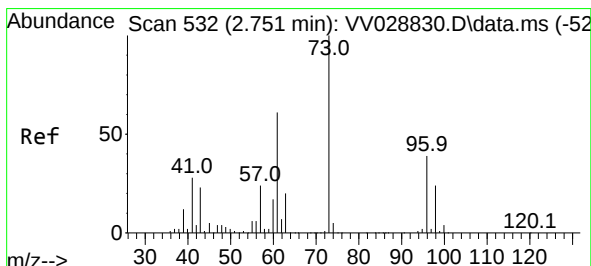
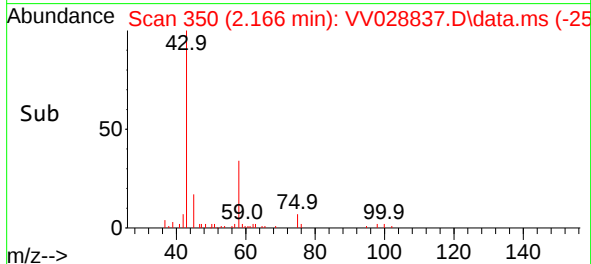
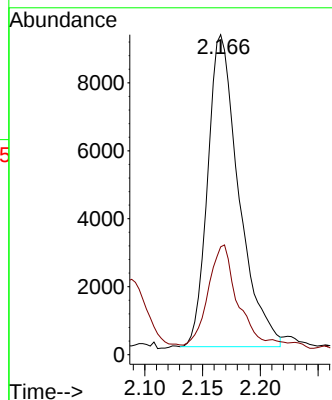
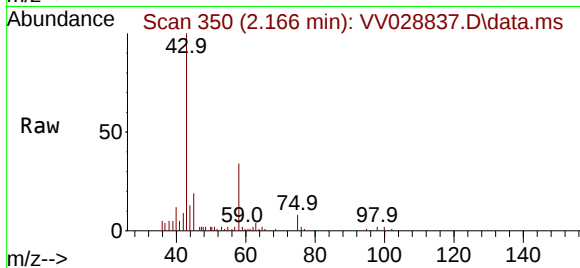
DBWR7

Tgt Ion: 43 Resp: 17226

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.0



#17

trans-1,2-Dichloroethene

Concen: 17.870 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV028837.D

Acq: 02 Nov 2022 13:32

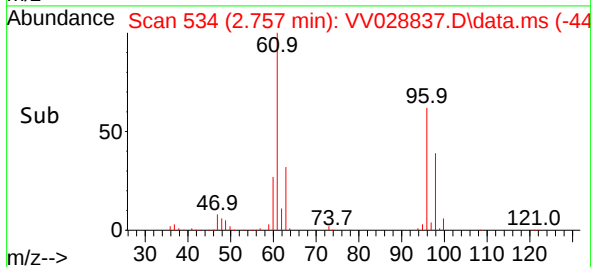
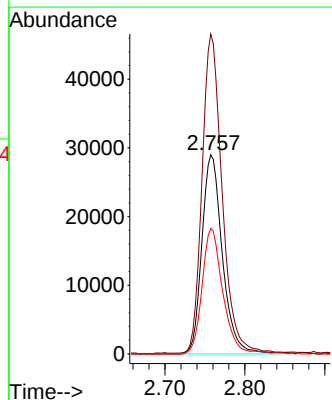
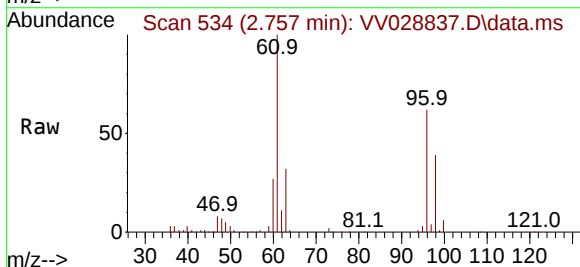
Tgt Ion: 96 Resp: 51830

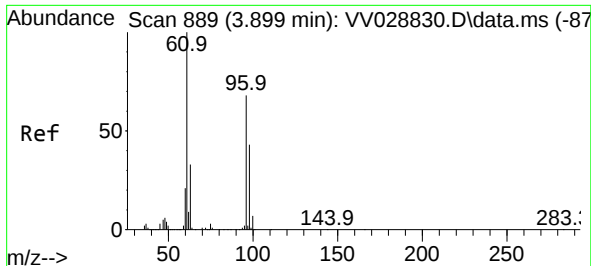
Ion Ratio Lower Upper

96 100

61 160.6 109.4 203.2

98 63.0 43.3 80.5

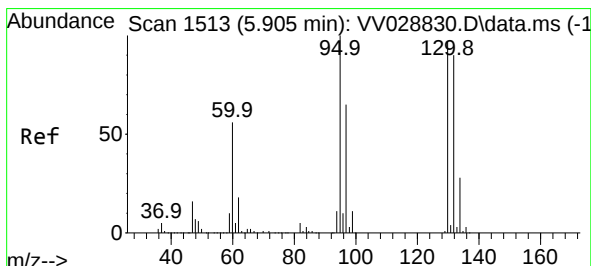
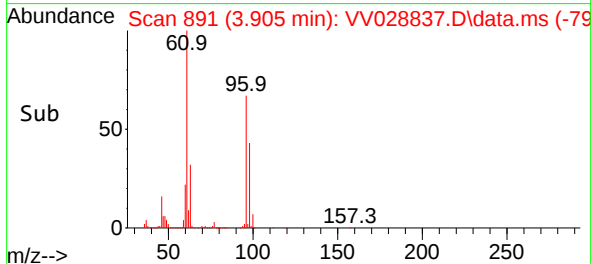
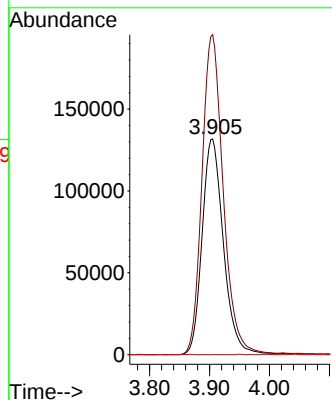
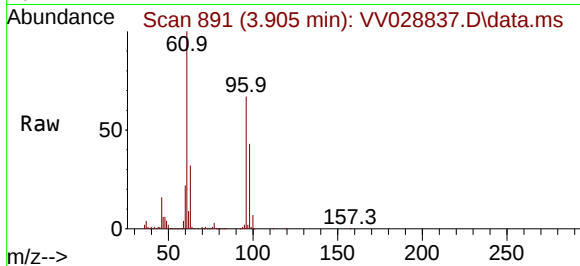




#20
 cis-1,2-Dichloroethene
 Concen: 101.666 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028837.D
 Acq: 02 Nov 2022 13:32

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWR7

Tgt Ion: 96 Resp: 325351
 Ion Ratio Lower Upper
 96 100
 61 148.4 102.3 190.1
 68 0.0 0.1 0.3#



#34
 Trichloroethene
 Concen: 66.090 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VV028837.D
 Acq: 02 Nov 2022 13:32

Tgt Ion: 95 Resp: 200761
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.2 85.8
 132 89.9 63.2 117.4
 130 93.3 66.2 123.0

