

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023705.D
 Acq On : 24 Nov 2021 17:04
 Operator : SY/MD
 Sample : M4821-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4656

Quant Time: Nov 26 01:55:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

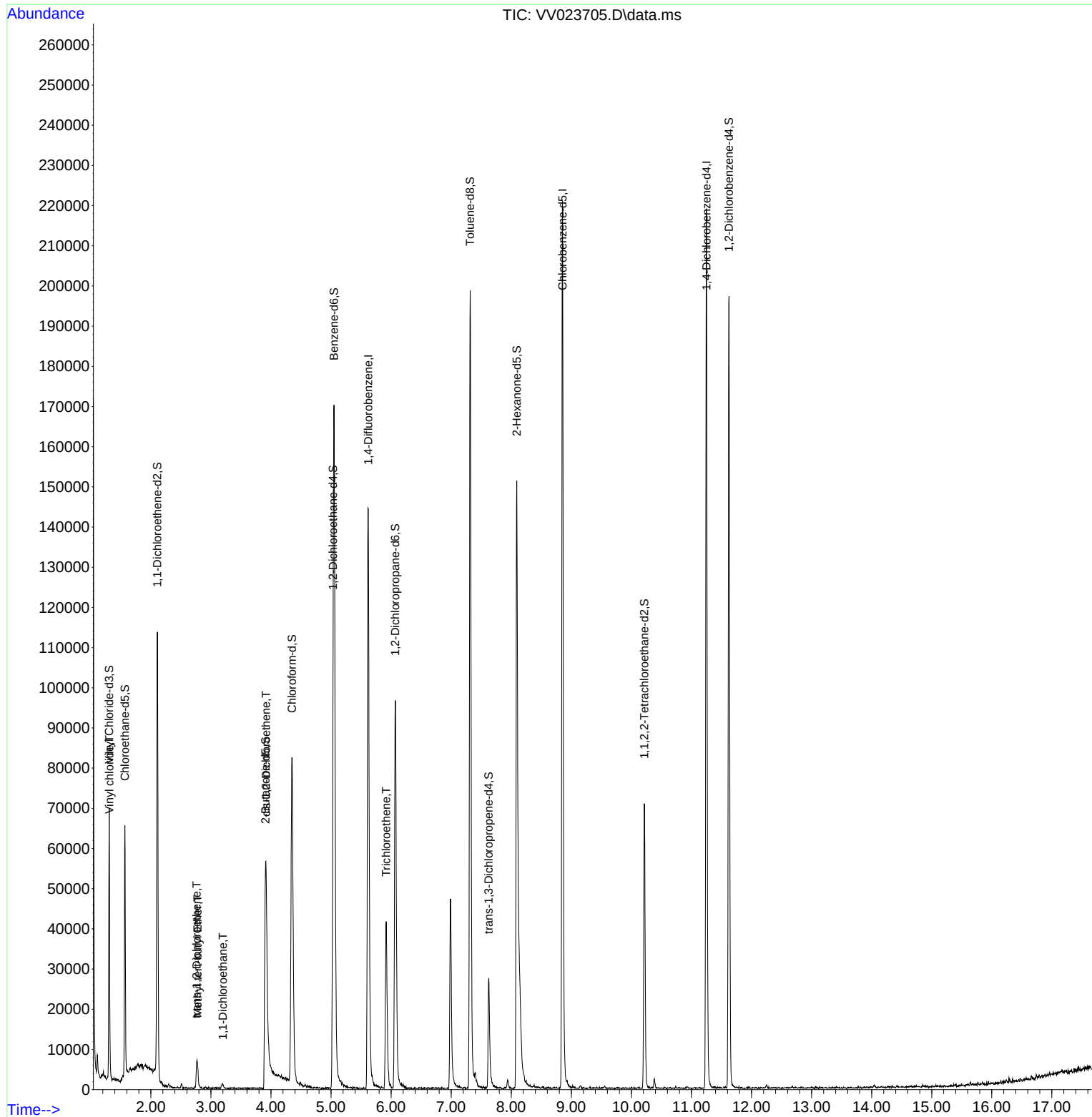
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40000	3.740	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.568	69	36014	4.283	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.108	63	56987	3.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	3.908	46	52818	41.077	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.160%	
24) Chloroform-d	4.349	84	82060	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.034	65	40710	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.050	84	154293	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.069	67	46181	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.317	98	133680	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17648	4.461	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.091	63	65750	50.025	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33008	4.674	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54016	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
5) Vinyl chloride	1.310	62	1579	0.140	ug/L #	35
17) Methyl tert-butyl Ether	2.777	73	5915	0.331	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	629	0.063	ug/L	72
19) 1,1-Dichloroethane	3.198	63	1268	0.076	ug/L #	90
22) cis-1,2-Dichloroethene	3.915	96	21365	2.241	ug/L	99
34) Trichloroethene	5.918	95	14353	1.462	ug/L	98

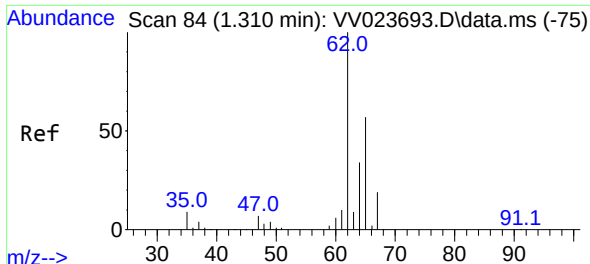
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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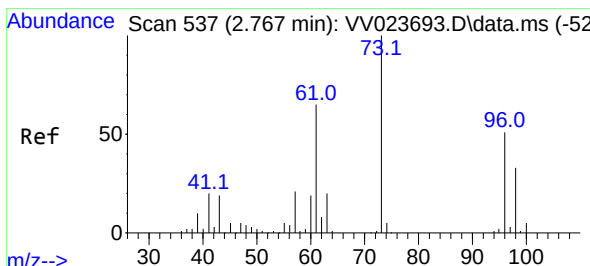
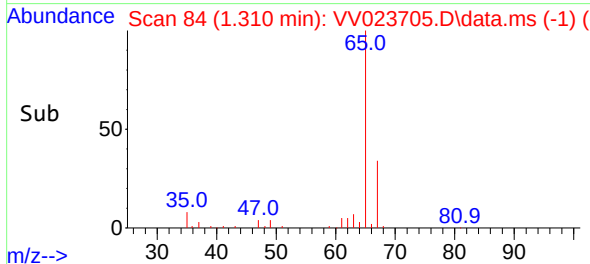
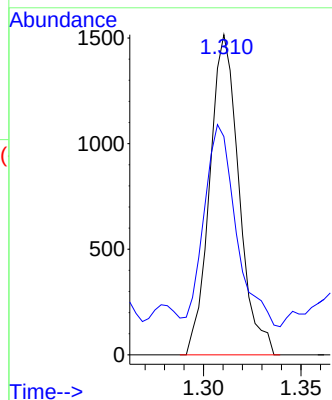
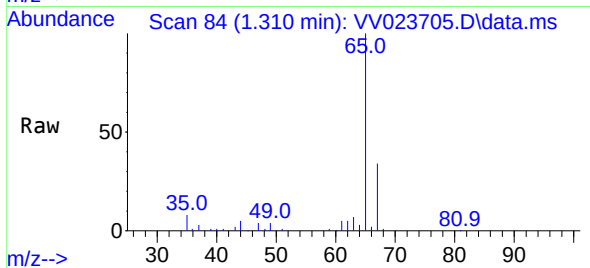




#5
 Vinyl chloride
 Concen: 0.140 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

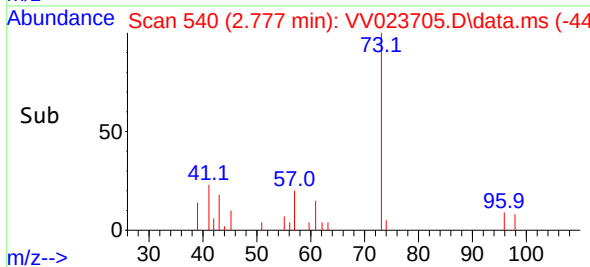
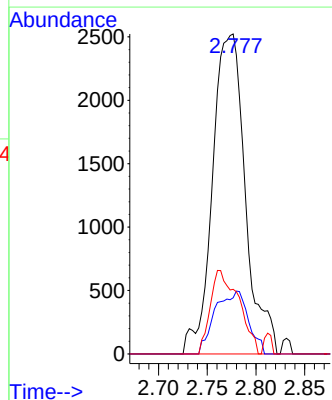
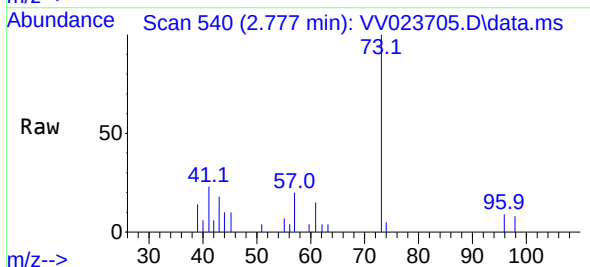
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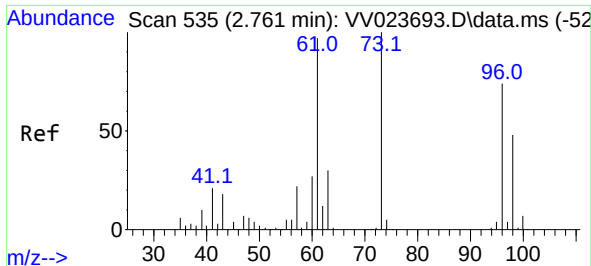
Tgt Ion: 62 Resp: 1579
 Ion Ratio Lower Upper
 62 100
 64 68.1 22.4 41.6#



#17
 Methyl tert-butyl Ether
 Concen: 0.331 ug/L
 RT: 2.777 min Scan# 540
 Delta R.T. 0.010 min
 Lab File: VV023705.D
 Acq: 24 Nov 2021 17:04

Tgt Ion: 73 Resp: 5915
 Ion Ratio Lower Upper
 73 100
 43 19.8 15.5 23.3
 57 22.7 17.1 25.7

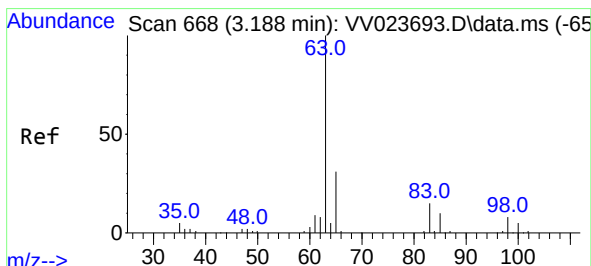
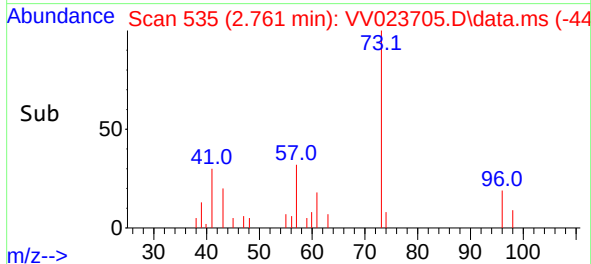
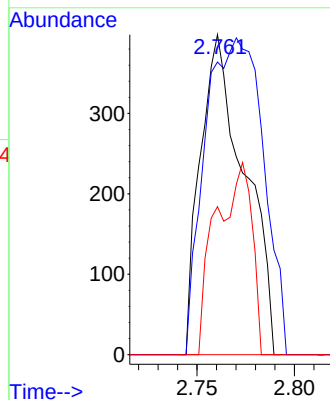
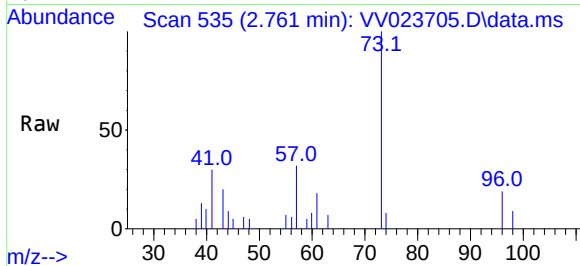




#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

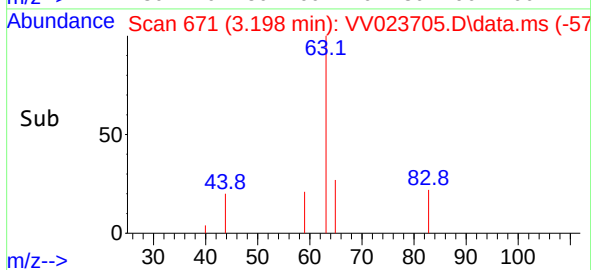
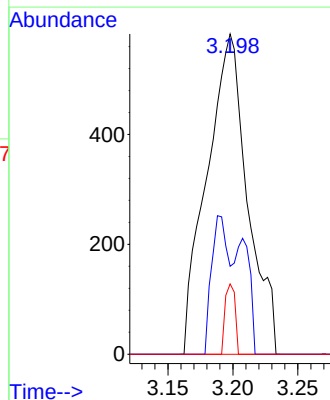
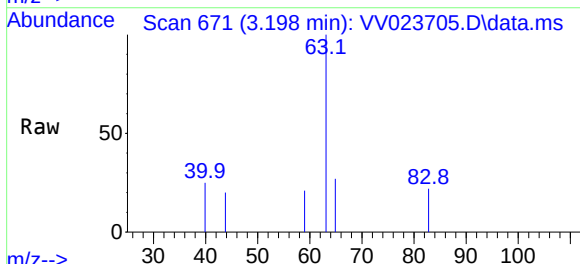
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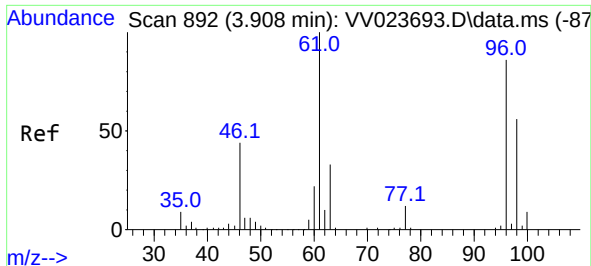
Tgt Ion: 96 Resp: 629
Ion Ratio Lower Upper
96 100
61 91.5 88.2 163.8
98 46.2 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.076 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Tgt Ion: 63 Resp: 1268
Ion Ratio Lower Upper
63 100
65 27.4 22.3 41.3
83 22.0 10.7 19.9#

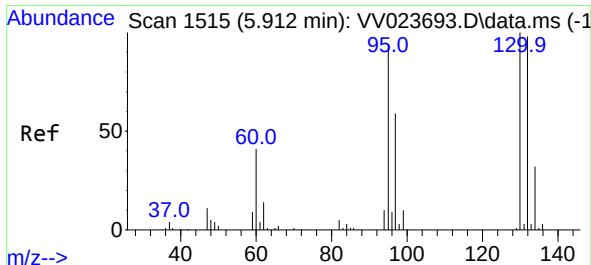
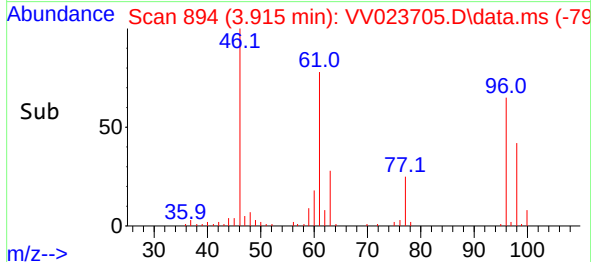
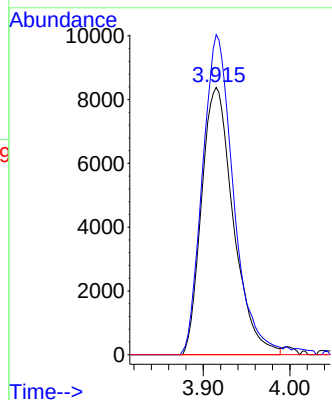
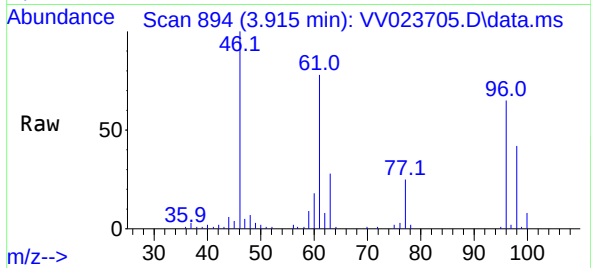




#22
cis-1,2-Dichloroethene
Concen: 2.241 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Instrument :
MSVOA_V
ClientSampleId :
H4656

Tgt Ion: 96 Resp: 21365
Ion Ratio Lower Upper
96 100
61 119.7 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.462 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023705.D
Acq: 24 Nov 2021 17:04

Tgt Ion: 95 Resp: 14353
Ion Ratio Lower Upper
95 100
97 62.4 45.2 84.0
132 106.3 76.1 141.3
130 107.5 75.4 140.0

