

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023222.D
 Acq On : 05 Nov 2021 11:16
 Operator : SY/MD
 Sample : M4492-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1S0

Quant Time: Nov 09 02:11:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

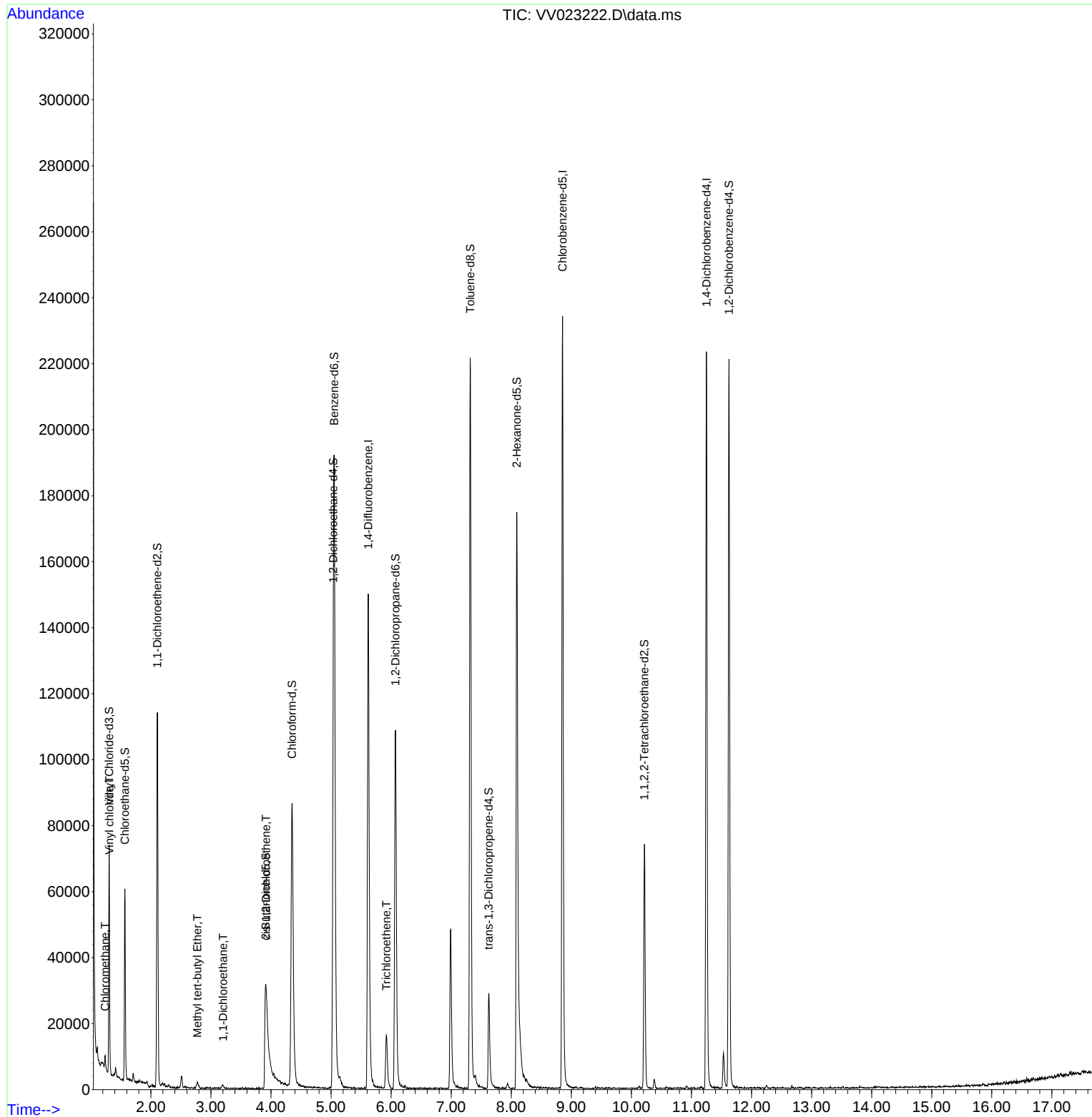
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42425	5.101	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.000%	
7) Chloroethane-d5	1.568	69	35045	5.170	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.108	63	59552	3.825	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	3.912	46	65036	45.392	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.780%	
24) Chloroform-d	4.352	84	88373	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.037	65	43232	5.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.053	84	174296	5.121	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.072	67	52245	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.317	98	147845	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17510	4.609	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.091	63	66236	47.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36100	5.010	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	58688	5.742	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.800%	
Target Compounds						
3) Chloromethane	1.240	50	2187	0.199	ug/L	95
5) Vinyl chloride	1.310	62	1406	0.128	ug/L #	51
17) Methyl tert-butyl Ether	2.773	73	1662	0.095	ug/L #	78
19) 1,1-Dichloroethane	3.201	63	1443	0.088	ug/L #	87
22) cis-1,2-Dichloroethene	3.915	96	3082	0.329	ug/L #	90
34) Trichloroethene	5.921	95	5395	0.547	ug/L	95

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

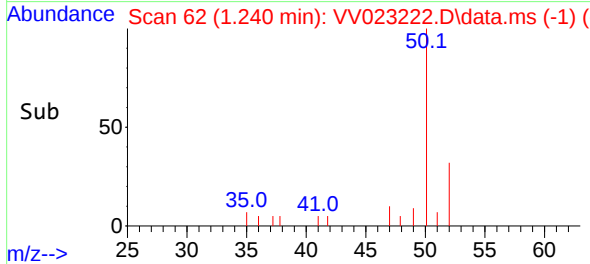
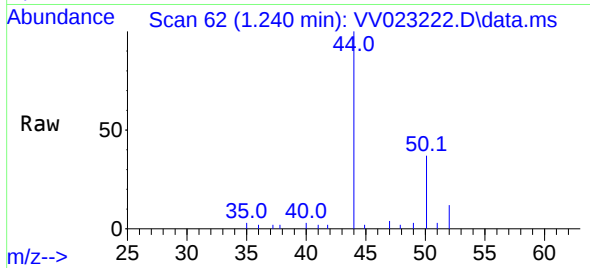
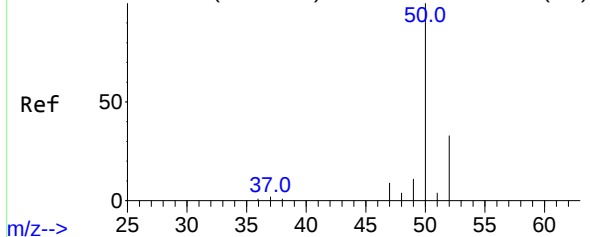
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
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Abundance Scan 62 (1.240 min): VV023219.D\data.ms (-53)



#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

ClientSampleId :

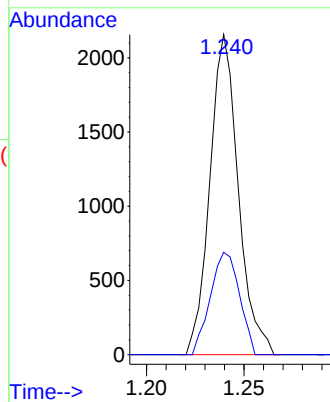
BG1S0

Tgt Ion: 50 Resp: 2187

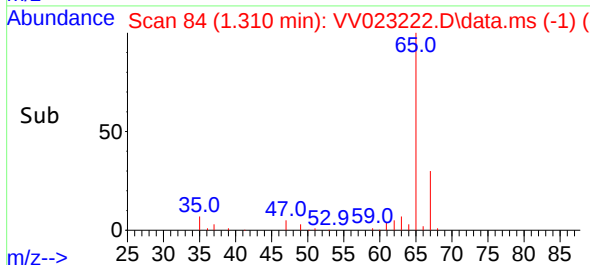
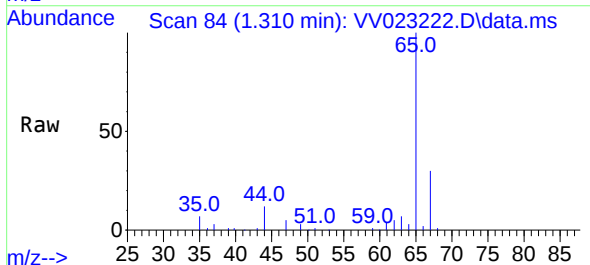
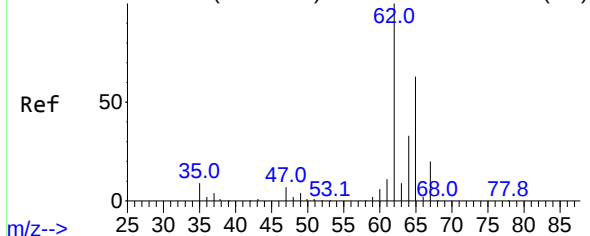
Ion Ratio Lower Upper

50 100

52 32.0 24.3 45.1



Abundance Scan 84 (1.311 min): VV023219.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.128 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023222.D

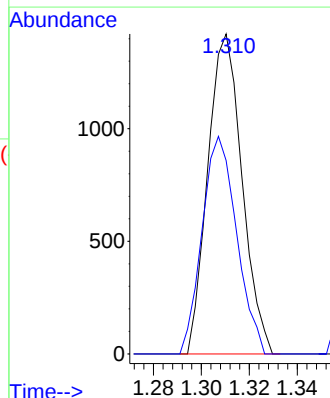
Acq: 05 Nov 2021 11:16

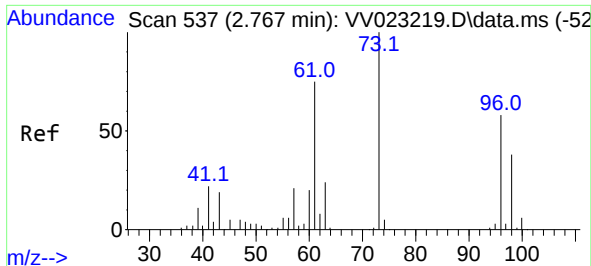
Tgt Ion: 62 Resp: 1406

Ion Ratio Lower Upper

62 100

64 60.5 23.1 42.9#





#17

Methyl tert-butyl Ether

Concen: 0.095 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

ClientSampleId :

BG1S0

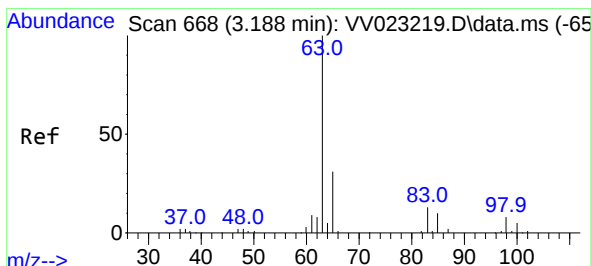
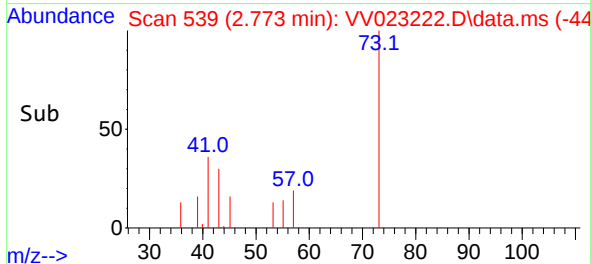
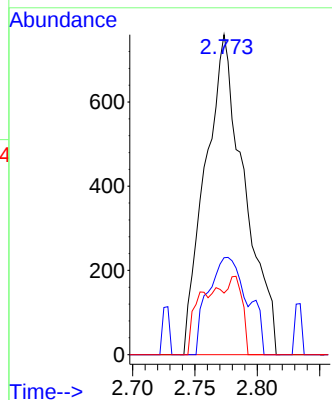
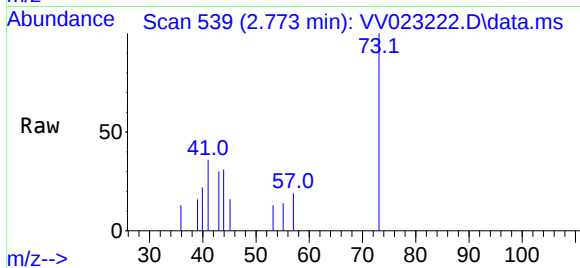
Tgt Ion: 73 Resp: 1662

Ion Ratio Lower Upper

73 100

43 30.6 17.4 26.0#

57 9.2 16.5 24.7#



#19

1,1-Dichloroethane

Concen: 0.088 ug/L

RT: 3.201 min Scan# 672

Delta R.T. 0.013 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

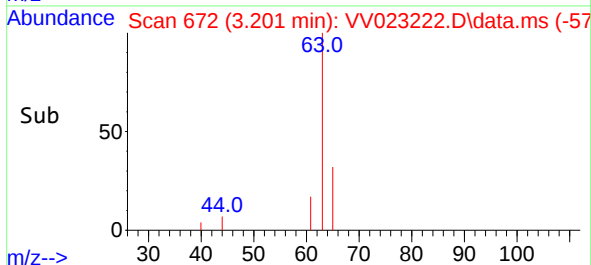
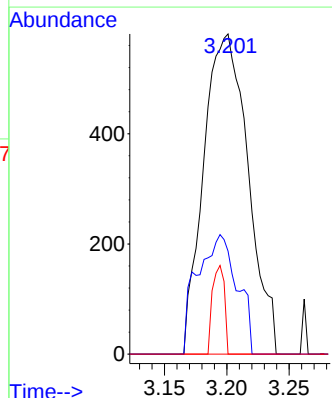
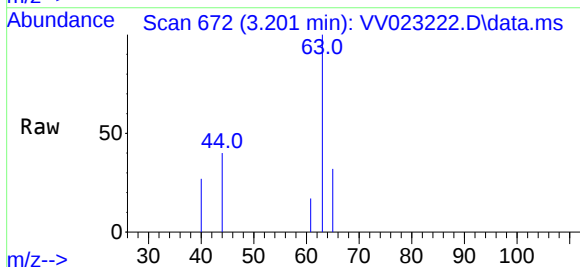
Tgt Ion: 63 Resp: 1443

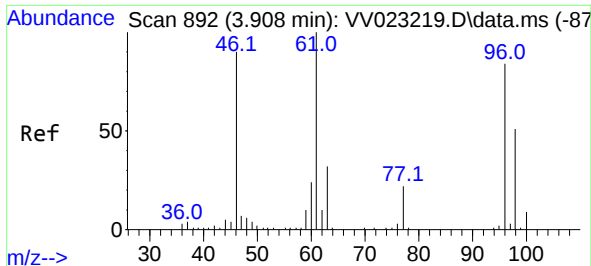
Ion Ratio Lower Upper

63 100

65 32.2 22.6 42.0

83 0.0 11.1 20.7#

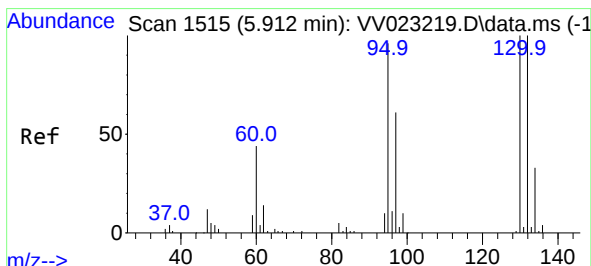
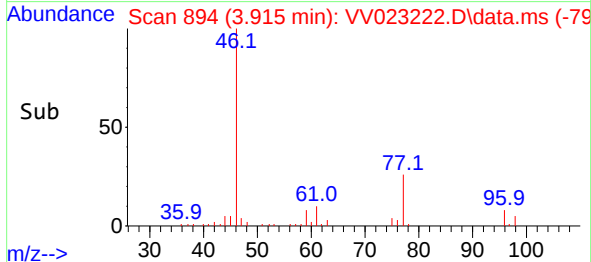
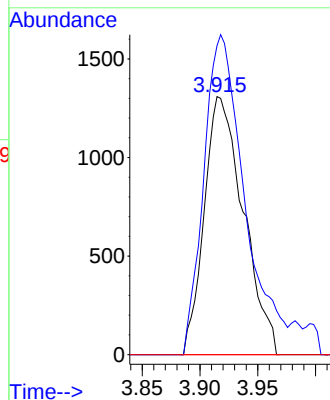
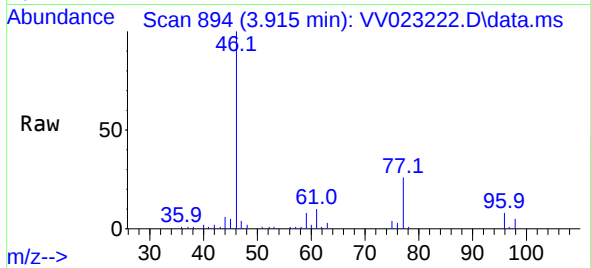




#22
cis-1,2-Dichloroethene
Concen: 0.329 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023222.D
Acq: 05 Nov 2021 11:16

Instrument :
MSVOA_V
ClientSampleId :
BG1S0

Tgt Ion: 96 Resp: 3082
Ion Ratio Lower Upper
96 100
61 119.7 92.3 171.3
68 0.0 0.4 0.8#



#34
Trichloroethene
Concen: 0.547 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.009 min
Lab File: VV023222.D
Acq: 05 Nov 2021 11:16

Tgt Ion: 95 Resp: 5395
Ion Ratio Lower Upper
95 100
97 66.5 45.0 83.6
132 107.0 69.7 129.4
130 108.4 73.7 136.9

