

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
 Data File : VV023013.D
 Acq On : 23 Oct 2021 16:35
 Operator : SY/MD
 Sample : M4277-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB3

Quant Time: Oct 25 01:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

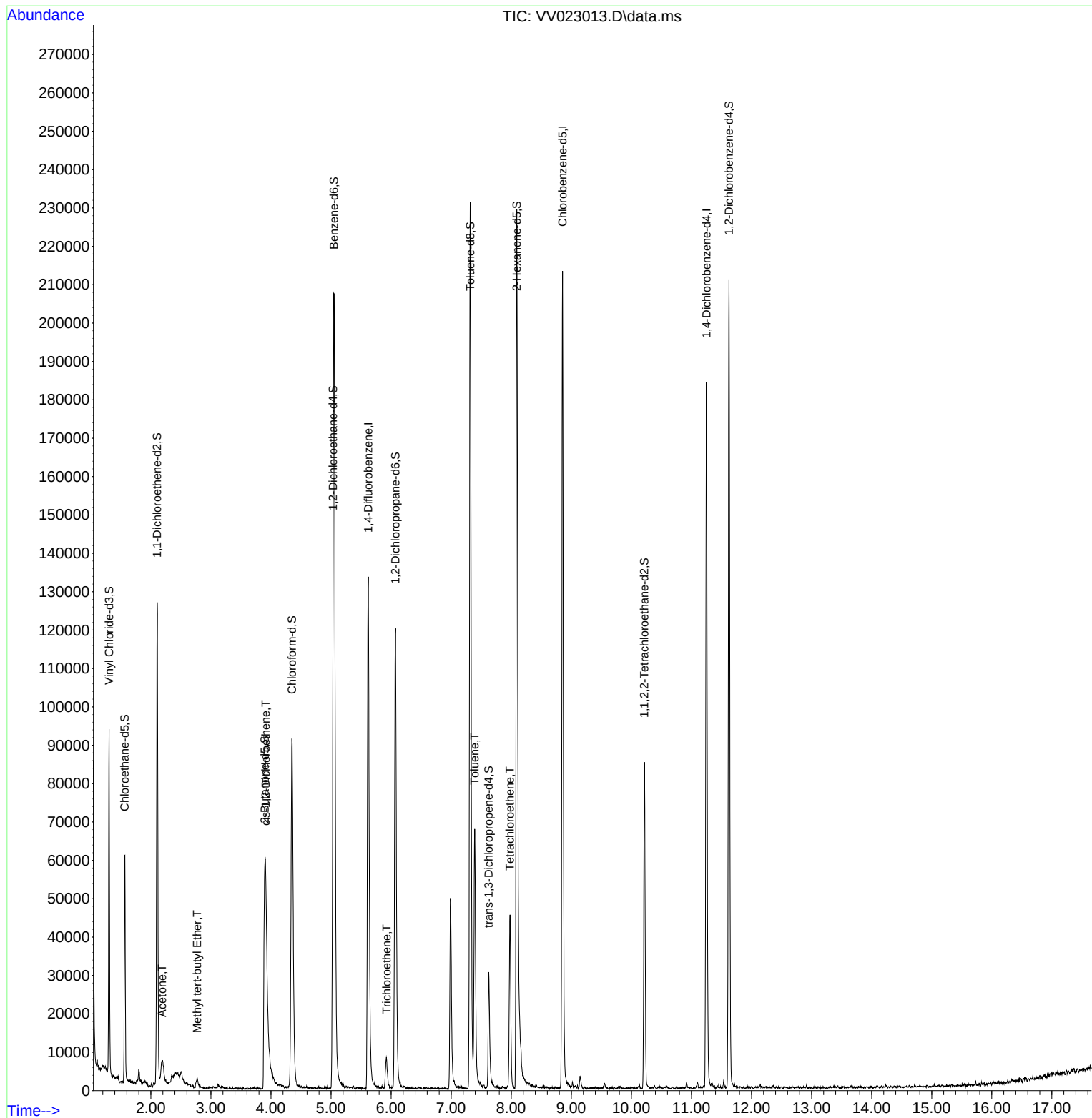
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119949	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54266	5.177	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.565	69	36458	5.623	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.400%		
11) 1,1-Dichloroethene-d2	2.105	63	65658	4.342	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 86.800%		
20) 2-Butanone-d5	3.896	46	109060	64.864	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 129.720%		
24) Chloroform-d	4.349	84	96100	5.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.800%		
26) 1,2-Dichloroethane-d4	5.034	65	44565	5.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.000%		
32) Benzene-d6	5.050	84	192051	5.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
36) 1,2-Dichloropropane-d6	6.072	67	59174	5.419	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.400%		
41) Toluene-d8	7.317	98	156988	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.600%		
43) trans-1,3-Dichloroprop...	7.625	79	18175	4.750	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.000%		
46) 2-Hexanone-d5	8.092	63	74800	52.807	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40224	5.335	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56901	6.358	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 127.200%#		
Target Compounds						
						Qvalue
13) Acetone	2.188	43	13756	16.676	ug/L	78
17) Methyl tert-butyl Ether	2.770	73	2296	0.157	ug/L #	88
22) cis-1,2-Dichloroethene	3.912	96	9671	1.301	ug/L #	91
34) Trichloroethene	5.924	95	2354	0.287	ug/L	95
42) Toluene	7.391	91	51327	1.549	ug/L	98
47) Tetrachloroethene	7.979	164	10594	1.527	ug/L	96

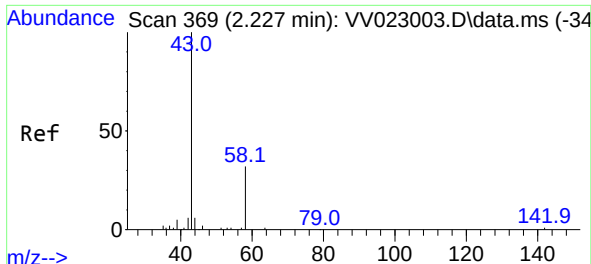
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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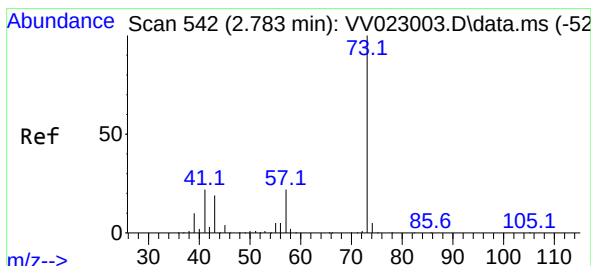
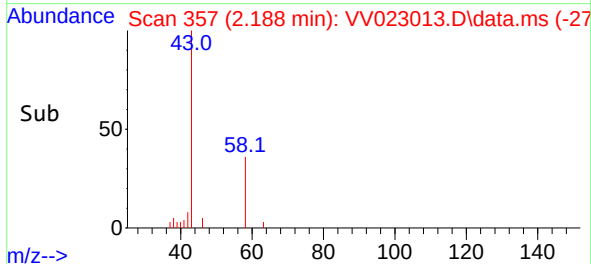
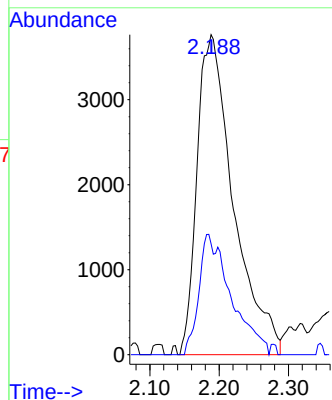
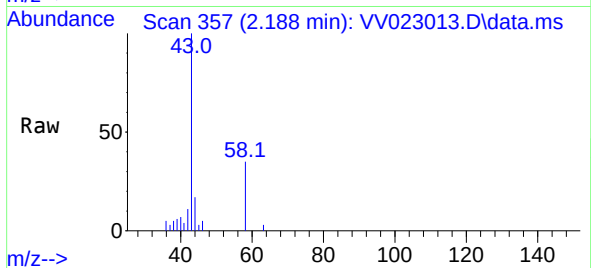




#13
Acetone
Concen: 16.676 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.038 min
Lab File: VV023013.D
Acq: 23 Oct 2021 16:35

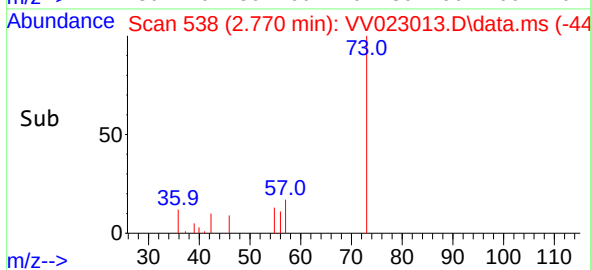
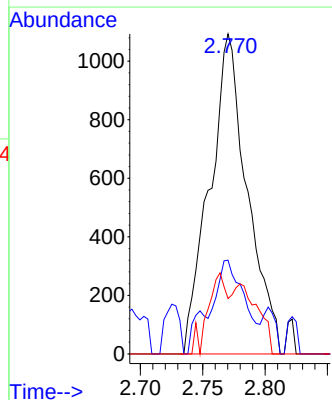
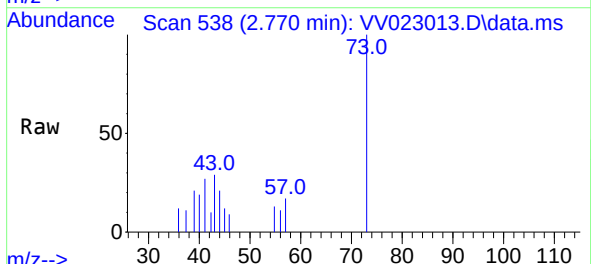
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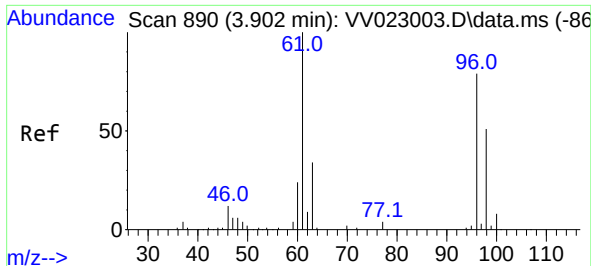
Tgt Ion: 43 Resp: 13756
Ion Ratio Lower Upper
43 100
58 16.4 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.013 min
Lab File: VV023013.D
Acq: 23 Oct 2021 16:35

Tgt Ion: 73 Resp: 2296
Ion Ratio Lower Upper
73 100
43 18.0 17.4 26.0
57 12.8 16.5 24.7#

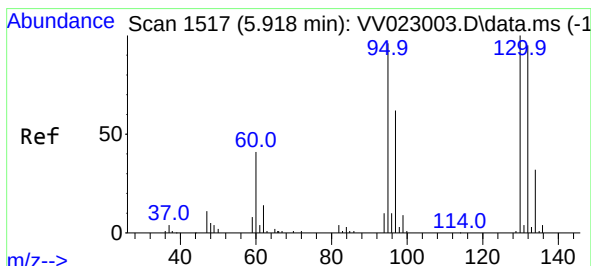
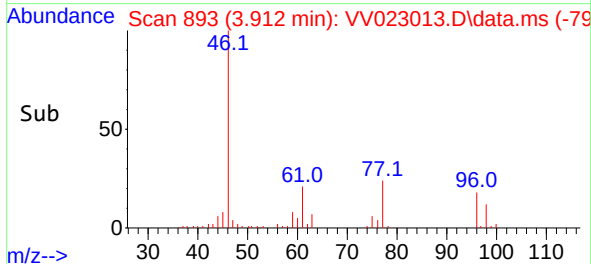
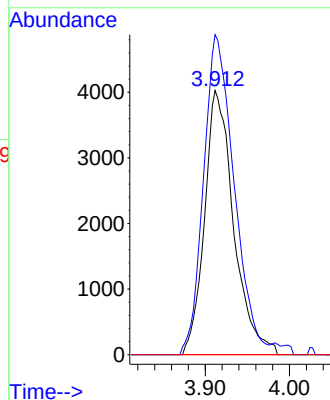
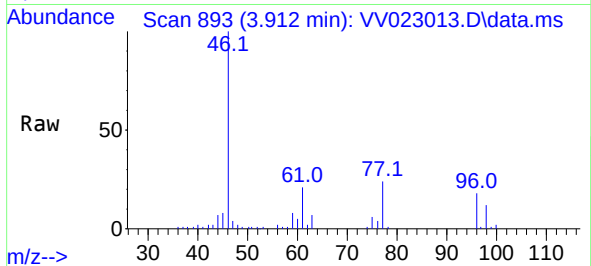




#22
 cis-1,2-Dichloroethene
 Concen: 1.301 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV023013.D
 Acq: 23 Oct 2021 16:35

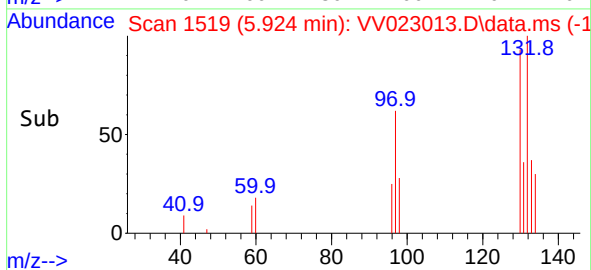
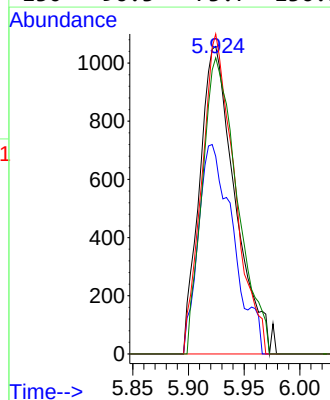
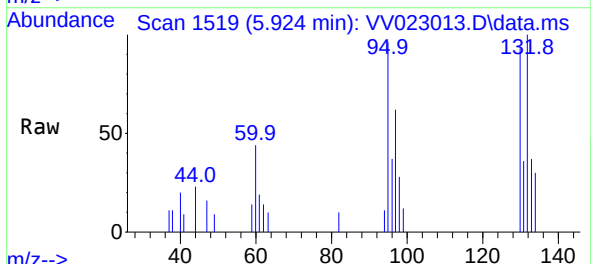
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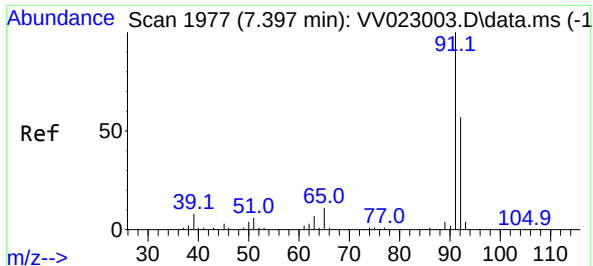
Tgt Ion: 96 Resp: 9671
 Ion Ratio Lower Upper
 96 100
 61 121.1 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 0.287 ug/L
 RT: 5.924 min Scan# 1519
 Delta R.T. 0.007 min
 Lab File: VV023013.D
 Acq: 23 Oct 2021 16:35

Tgt Ion: 95 Resp: 2354
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.0 83.6
 132 104.1 69.7 129.4
 130 96.3 73.7 136.9

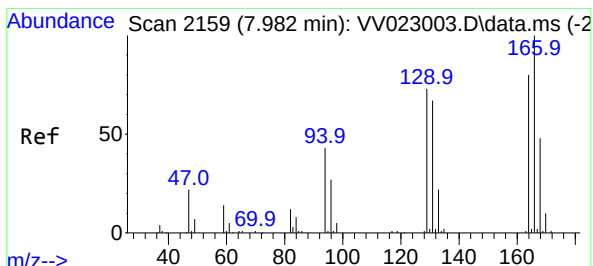
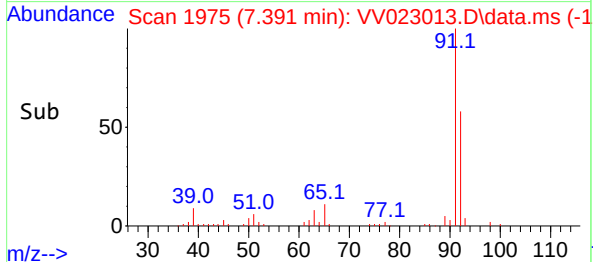
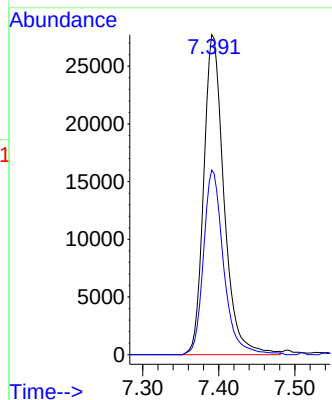
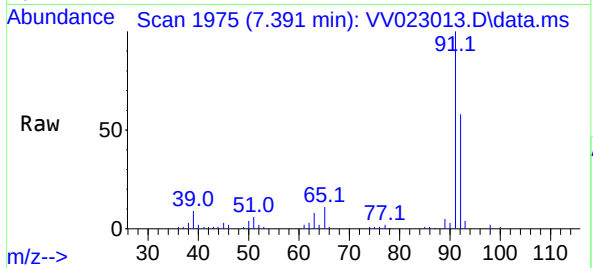




#42
Toluene
Concen: 1.549 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VV023013.D
Acq: 23 Oct 2021 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFGB3

Tgt Ion: 91 Resp: 51327
Ion Ratio Lower Upper
91 100
92 57.7 39.3 72.9



#47
Tetrachloroethene
Concen: 1.527 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VV023013.D
Acq: 23 Oct 2021 16:35

Tgt Ion: 164 Resp: 10594
Ion Ratio Lower Upper
164 100
129 91.0 64.0 119.0
131 86.5 63.4 117.8
166 136.0 89.3 165.9

