

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026703.D
 Acq On : 08 Jul 2022 17:59
 Operator : SY/MD
 Sample : N3601-19 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB2

Quant Time: Jul 08 23:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

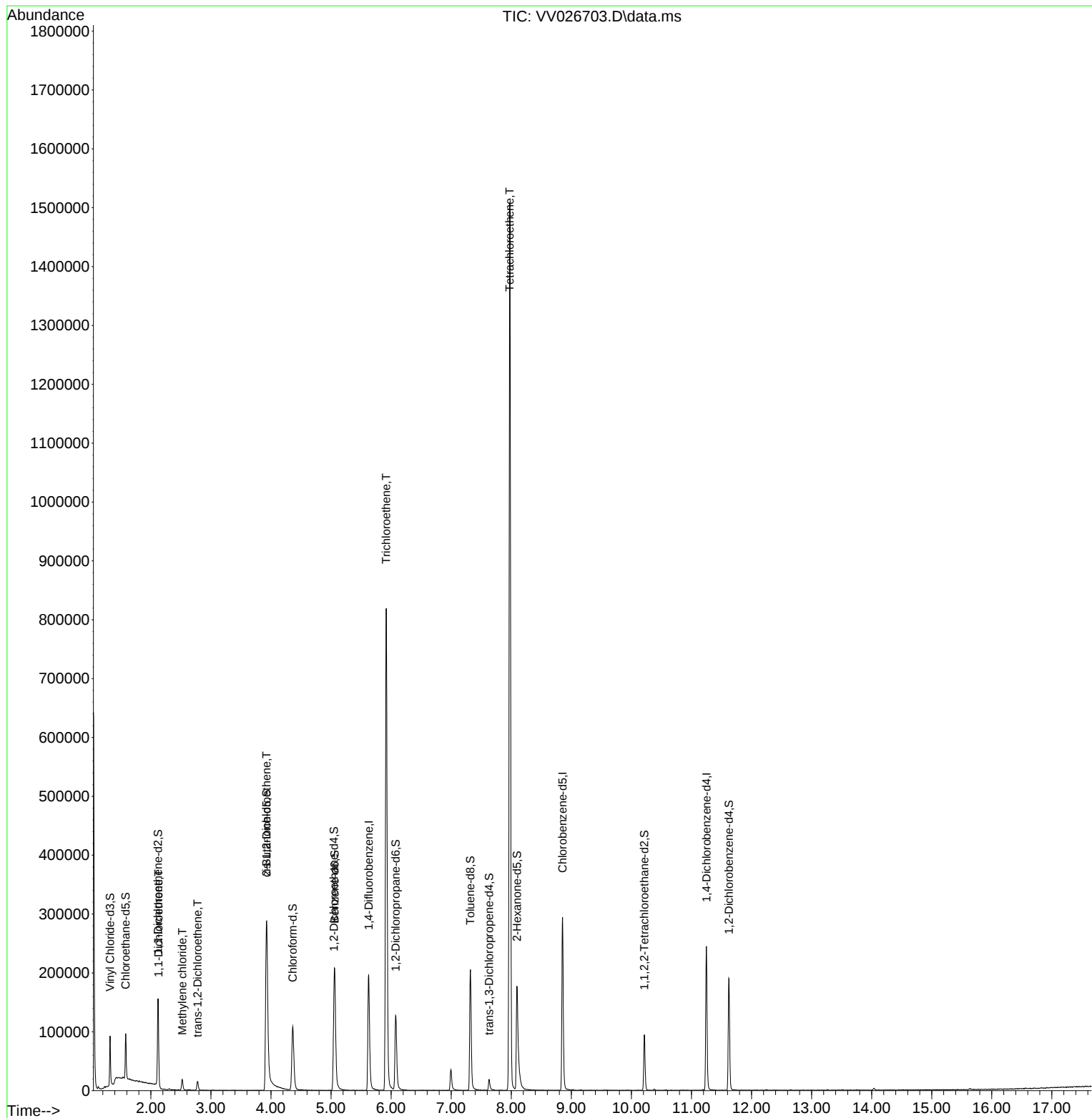
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	183278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52720	3.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.580	69	51869	4.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.121	63	76090	2.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	3.928	46	79277	54.099	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.200%	
24) Chloroform-d	4.362	84	113549	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.046	65	47094	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.059	84	200995	3.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	6.075	67	66415	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.320	98	146366	3.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.000%#	
43) trans-1,3-Dichloroprop...	7.632	79	11499	3.182	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.600%	
46) 2-Hexanone-d5	8.095	63	68699	49.910	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46435	5.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53704	4.659	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.127	96	2172	0.175	ug/L #	1
16) Methylene chloride	2.522	84	8034	0.611	ug/L	98
18) trans-1,2-Dichloroethene	2.780	96	6257	0.495	ug/L	90
22) cis-1,2-Dichloroethene	3.924	96	160698	12.814	ug/L	98
34) Trichloroethene	5.918	95	289015	21.272	ug/L	96
47) Tetrachloroethene	7.976	164	346185	32.003	ug/L	99

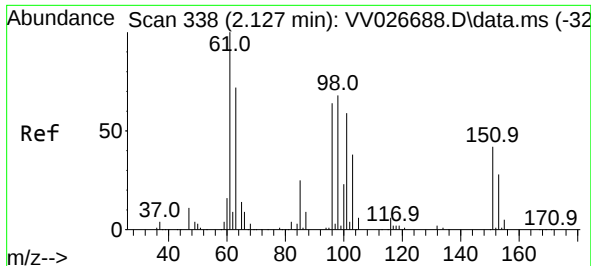
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.175 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026703.D

Acq: 08 Jul 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

DBUB2

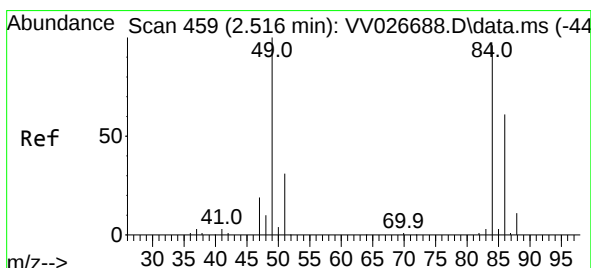
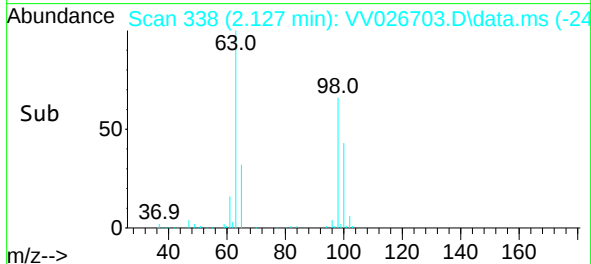
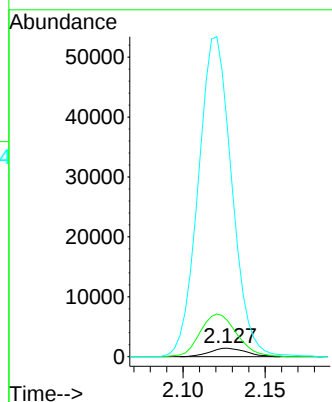
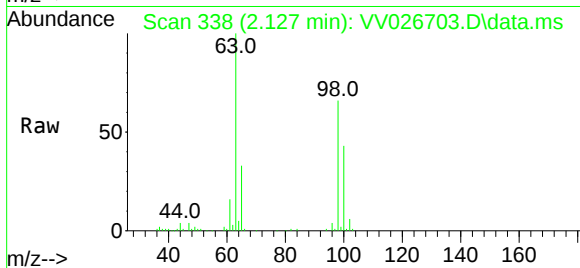
Tgt Ion: 96 Resp: 2172

Ion Ratio Lower Upper

96 100

61 424.8 115.4 214.4#

63 2689.6 87.4 162.2#



#16

Methylene chloride

Concen: 0.611 ug/L

RT: 2.522 min Scan# 461

Delta R.T. 0.006 min

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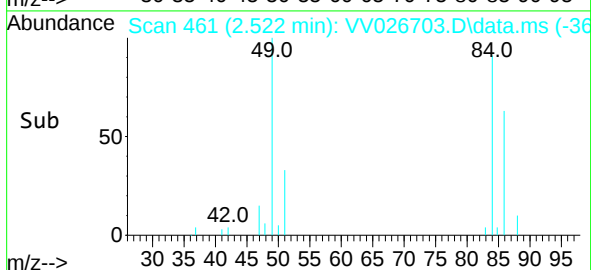
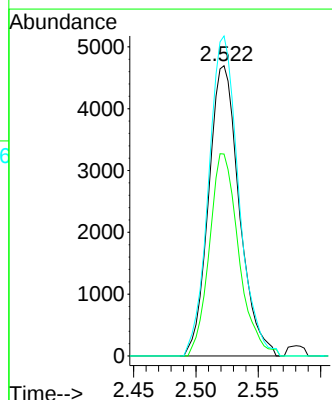
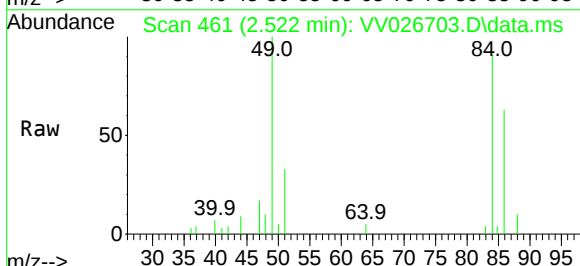
Tgt Ion: 84 Resp: 8034

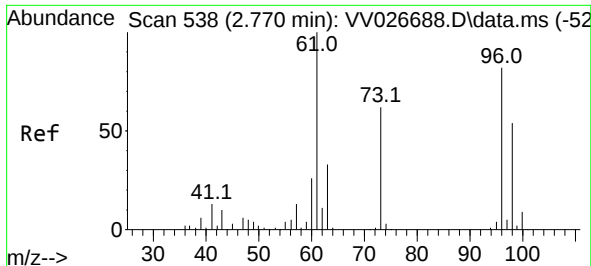
Ion Ratio Lower Upper

84 100

86 69.5 46.0 85.4

49 110.2 77.7 144.3

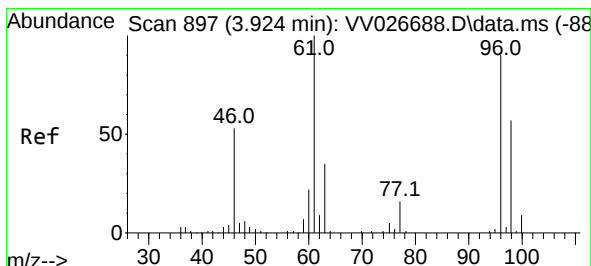
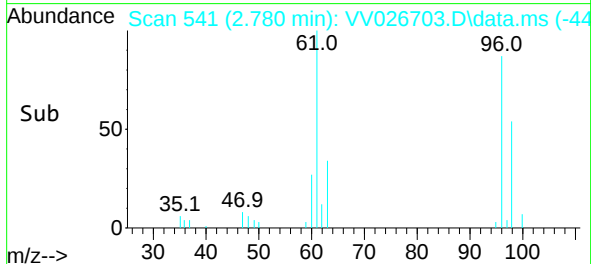
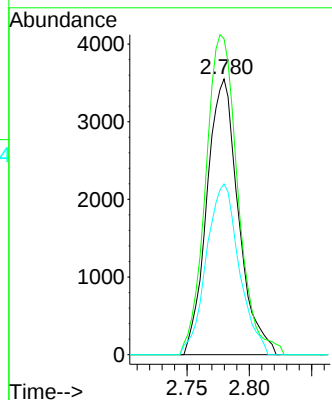
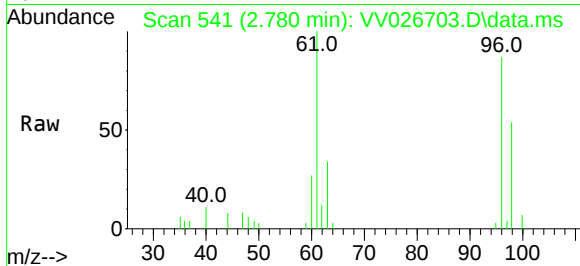




#18
trans-1,2-Dichloroethene
Concen: 0.495 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

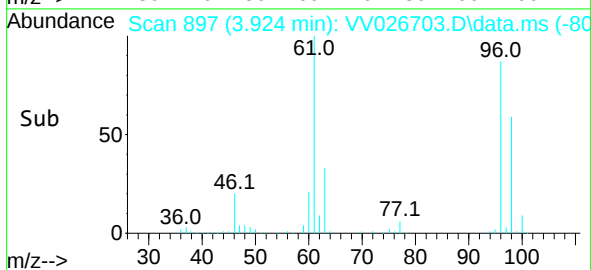
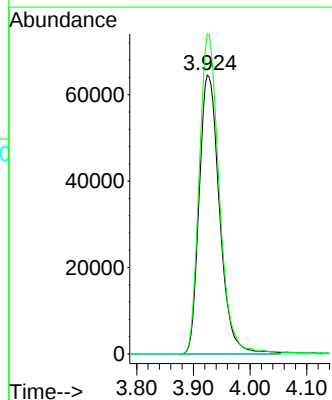
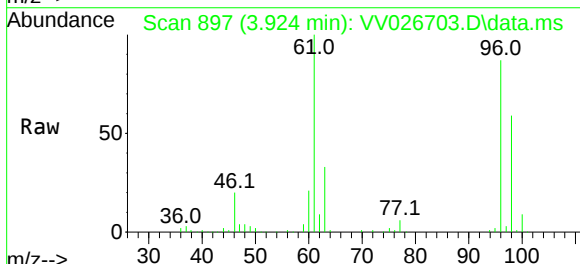
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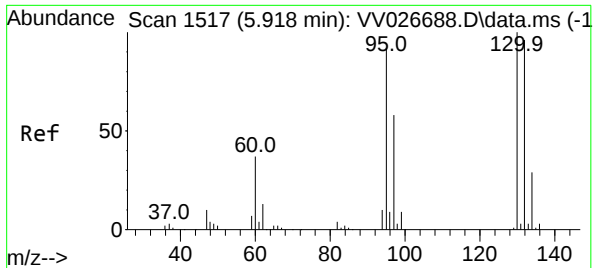
Tgt Ion: 96 Resp: 6257
Ion Ratio Lower Upper
96 100
61 114.6 90.4 167.8
98 61.9 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 12.814 ug/L
RT: 3.924 min Scan# 897
Delta R.T. -0.000 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 96 Resp: 160698
Ion Ratio Lower Upper
96 100
61 114.7 82.0 152.2
68 0.0 0.0 0.0

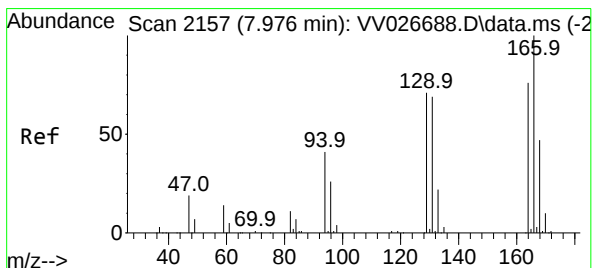
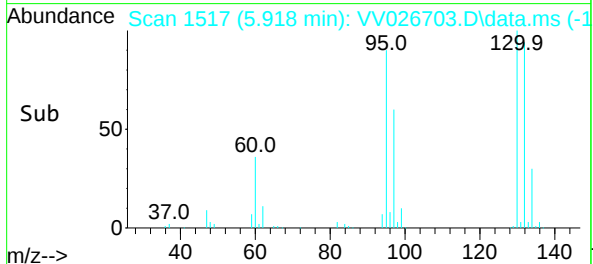
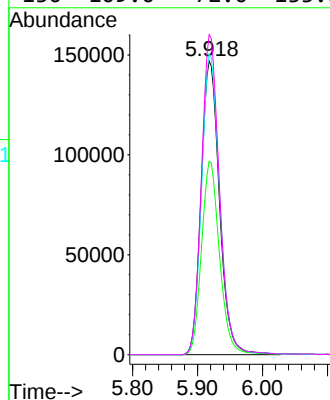
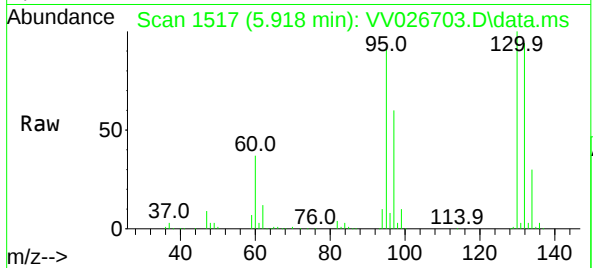




#34
Trichloroethene
Concen: 21.272 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Instrument :
MSVOA_V
ClientSampleId :
DBUB2

Tgt Ion: 95 Resp: 289015
Ion Ratio Lower Upper
95 100
97 65.9 46.8 87.0
132 102.4 69.9 129.7
130 109.0 72.0 133.8



#47
Tetrachloroethene
Concen: 32.003 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026703.D
Acq: 08 Jul 2022 17:59

Tgt Ion: 164 Resp: 346185
Ion Ratio Lower Upper
164 100
129 95.0 66.4 123.2
131 89.4 64.4 119.6
166 126.6 88.1 163.7

