

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061825.D
 Acq On : 18 Nov 2024 20:36
 Operator : MD/SY
 Sample : VU1118WBL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 03:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

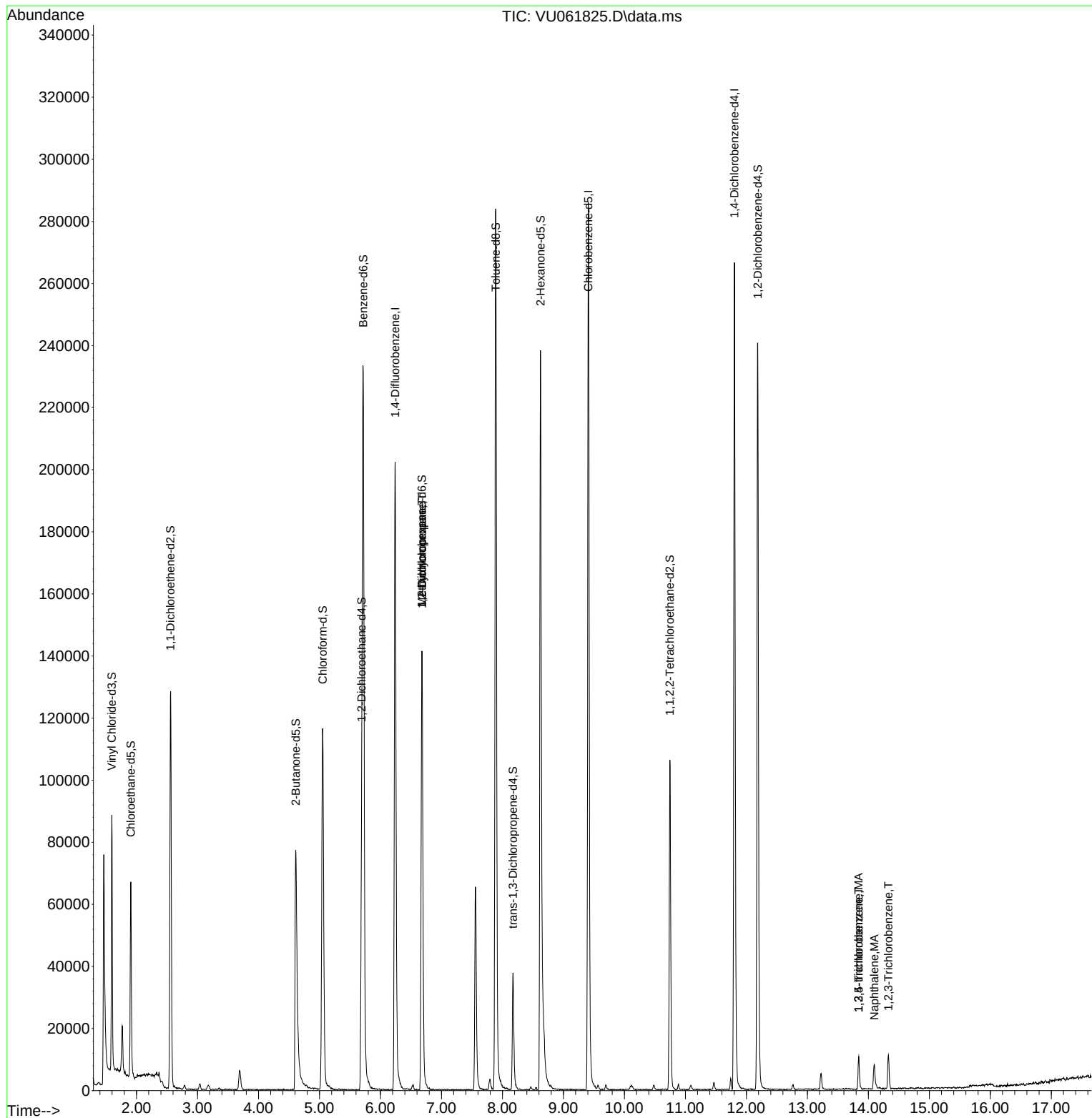
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176326	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56076	4.922	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.907	69	47383	4.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.557	65	24534	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	4.612	46	115591	47.802	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.600%	
24) Chloroform-d	5.052	84	112685	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.692	65	56997	5.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.718	84	228053	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.679	67	71004	5.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.891	98	207265	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.174	79	22437	4.419	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.624	63	89426	44.570	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.140%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54151	4.983	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	67646	5.158	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.679	83	16122	0.774	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7344	0.566	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.843	180	3802	0.233	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	3802	0.300	ug/L	99
71) Naphthalene	14.097	128	9935	0.546	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.328	180	4349	0.409	ug/L	99

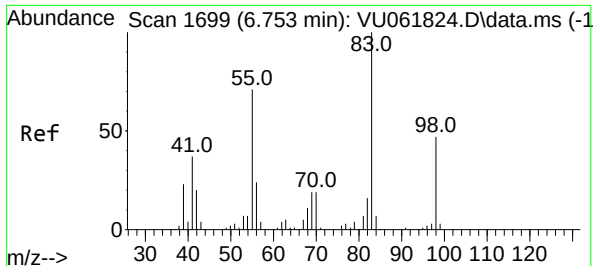
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061825.D

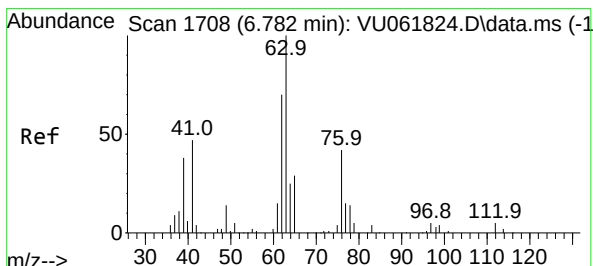
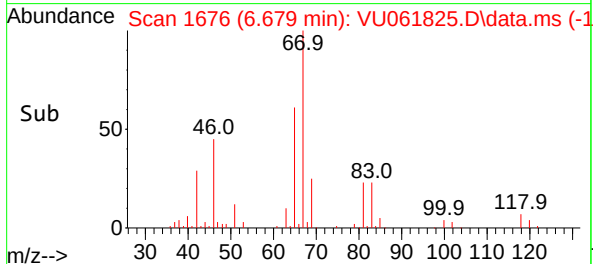
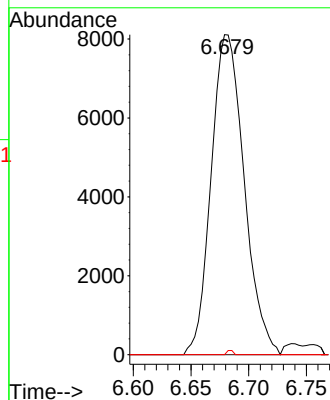
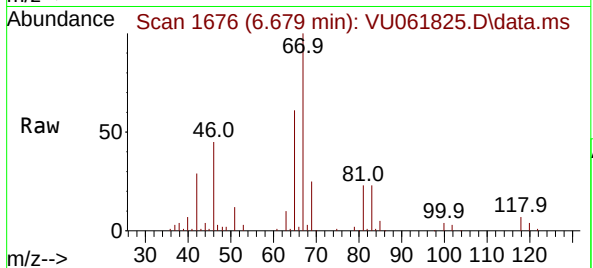
Acq: 18 Nov 2024 20:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16122
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	0.2	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

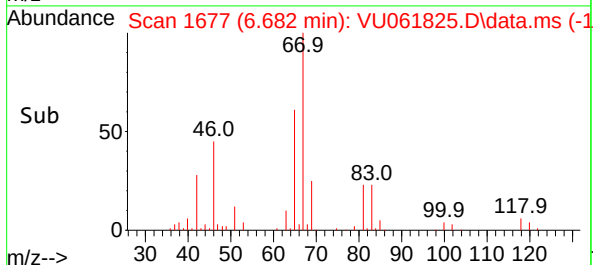
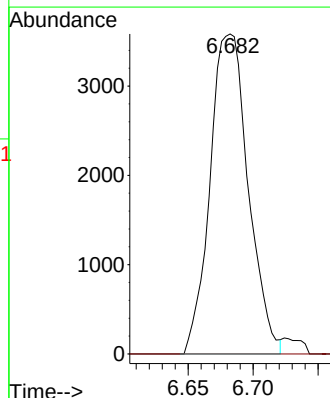
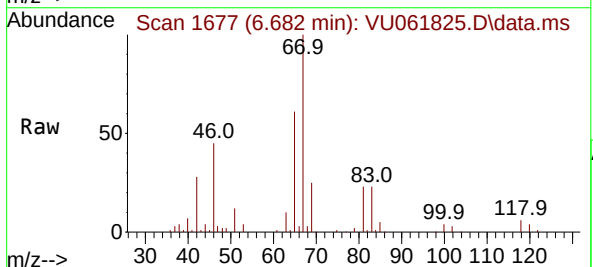
RT: 6.682 min Scan# 1677

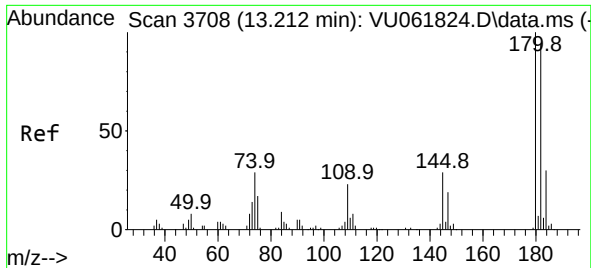
Delta R.T. -0.099 min

Lab File: VU061825.D

Acq: 18 Nov 2024 20:36

Tgt Ion:	63	Resp:	7344
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.233 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

Lab File: VU061825.D

Acq: 18 Nov 2024 20:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 3802

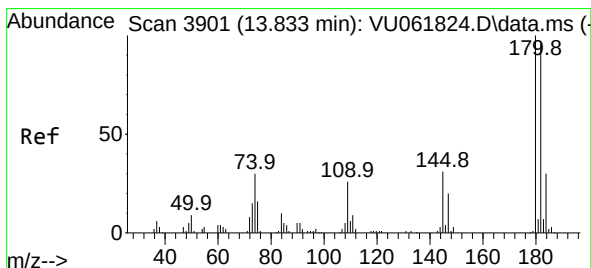
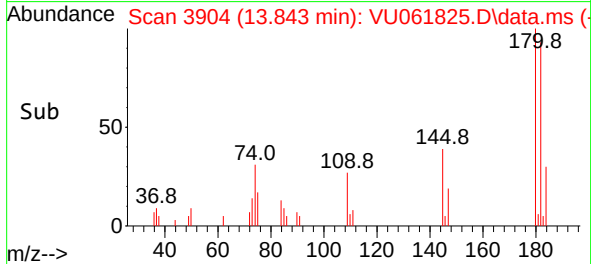
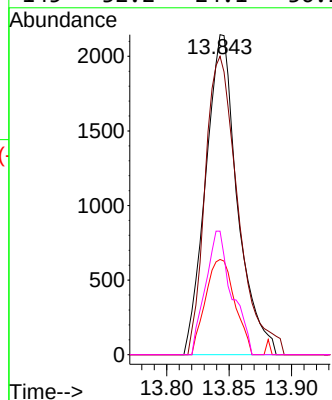
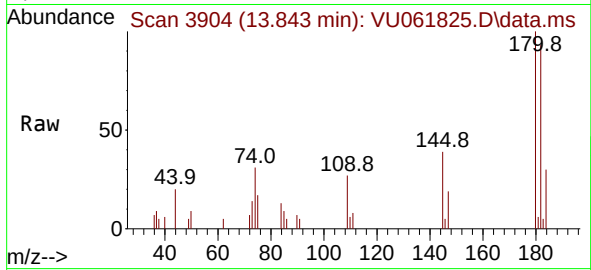
Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

184 27.5 24.7 37.1

145 32.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.300 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU061825.D

Acq: 18 Nov 2024 20:36

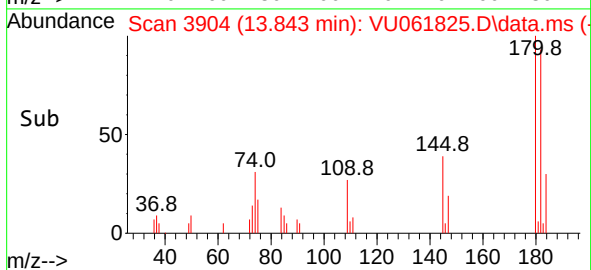
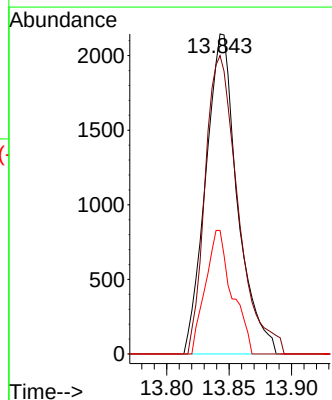
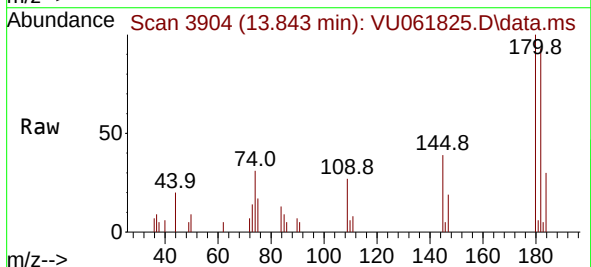
Tgt Ion:180 Resp: 3802

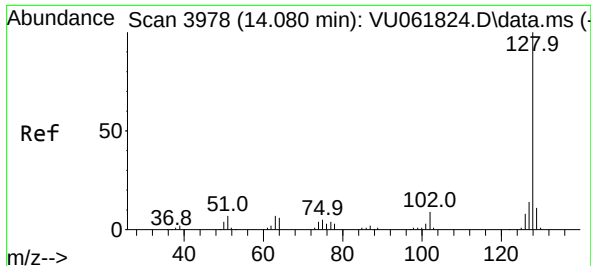
Ion Ratio Lower Upper

180 100

182 96.4 77.4 116.0

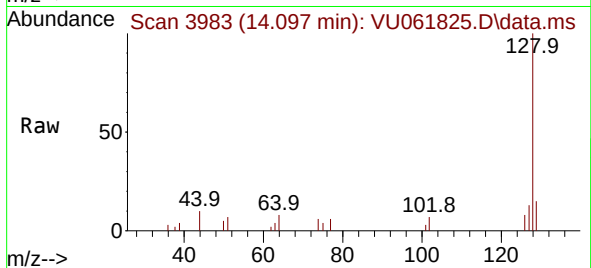
145 32.2 24.5 36.7



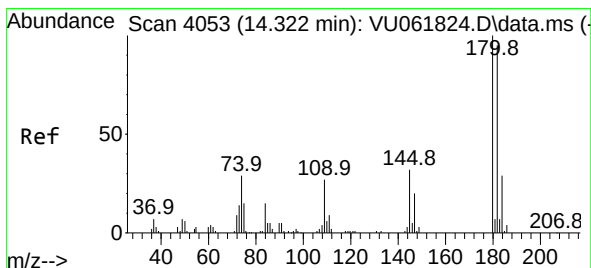
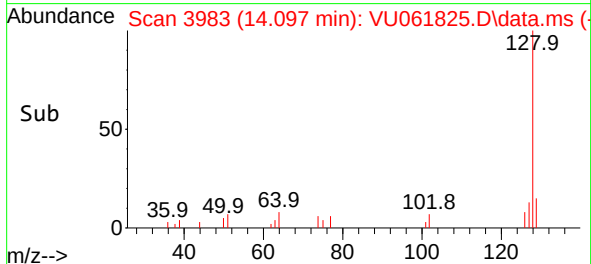
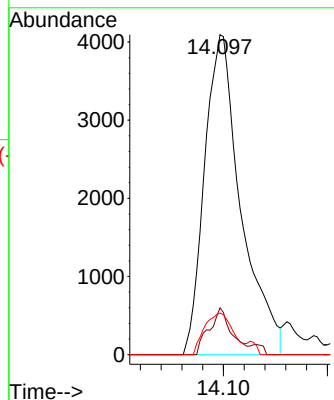


#71
Naphthalene
Concen: 0.546 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU061825.D
Acq: 18 Nov 2024 20:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 9935
Ion Ratio Lower Upper
128 100
129 9.2 8.5 12.7
127 10.1 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.409 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU061825.D
Acq: 18 Nov 2024 20:36

Tgt Ion:180 Resp: 4349
Ion Ratio Lower Upper
180 100
182 96.5 76.6 114.8
145 33.4 26.3 39.5

