

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047383.D
 Acq On : 08 Mar 2022 11:57
 Operator : SY/MD
 Sample : N1773-10DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17DL

Quant Time: Mar 09 03:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

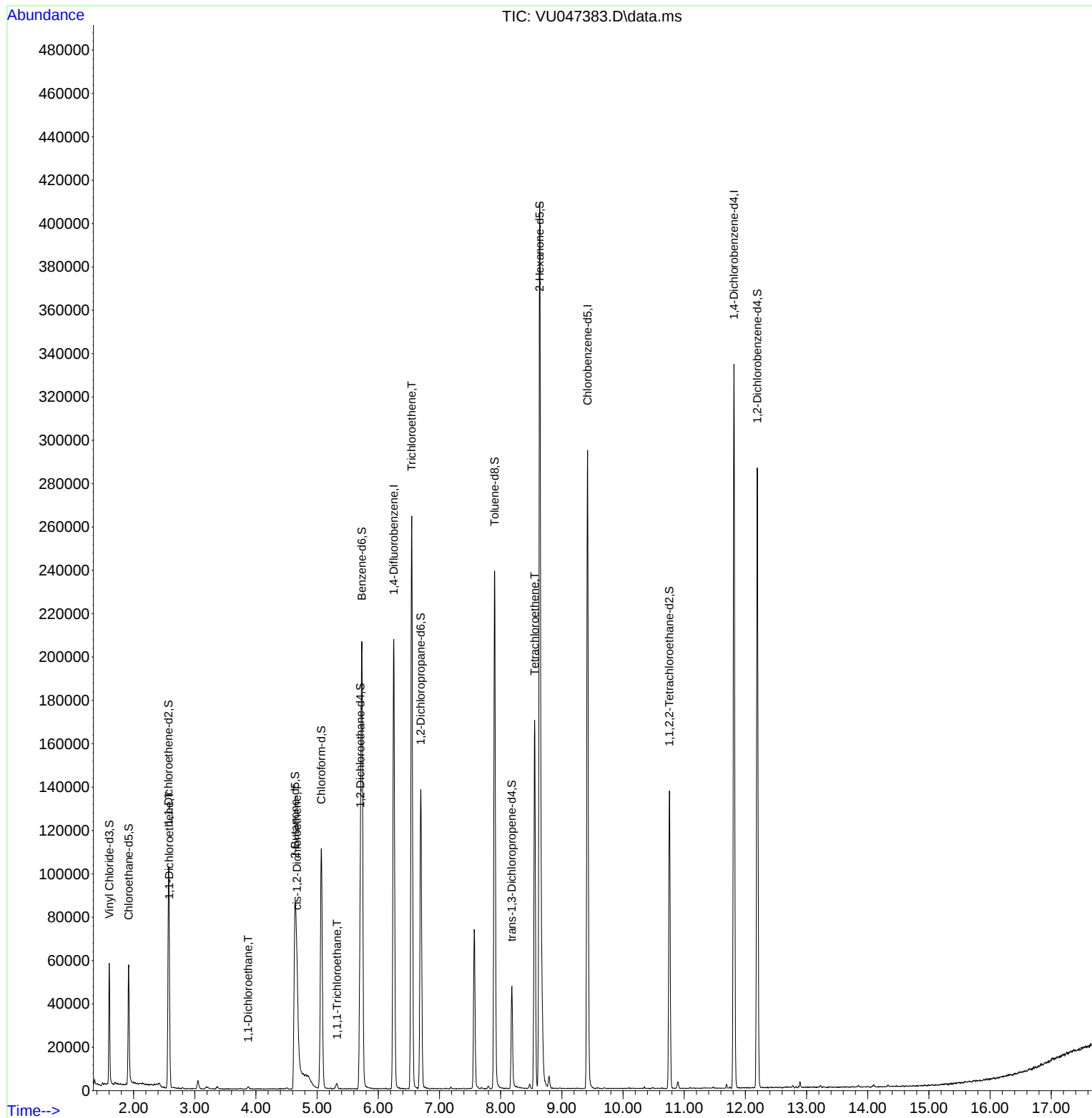
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	174283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40585	3.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.919	69	42110	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.572	65	17450	3.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.639	46	177071	41.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.860%
24) Chloroform-d	5.070	84	102874	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.707	65	61156	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.732	84	194344	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.694	67	66843	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.899	98	168518	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.182	79	27283	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.639	63	175743	45.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	68065	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	78918	4.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	4614	0.519	ug/L	# 1
19) 1,1-Dichloroethane	3.874	63	1523	0.095	ug/L	87
22) cis-1,2-Dichloroethene	4.671	96	12905	1.229	ug/L	90
29) 1,1,1-Trichloroethane	5.324	97	1940	0.133	ug/L	98
34) Trichloroethene	6.546	95	88546	8.565	ug/L	93
47) Tetrachloroethene	8.555	164	39316	4.464	ug/L	93

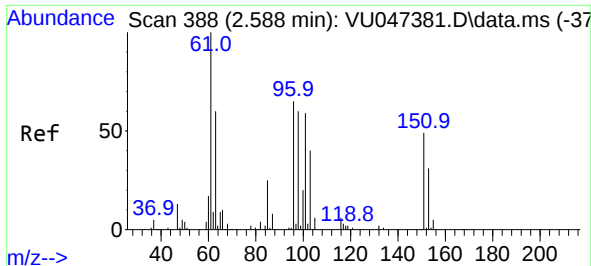
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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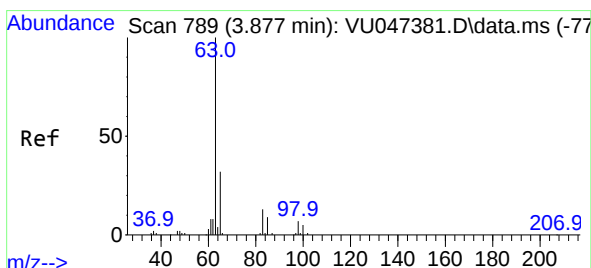
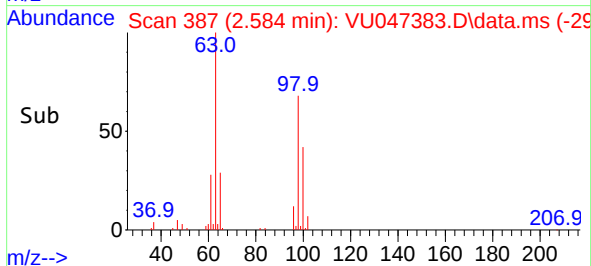
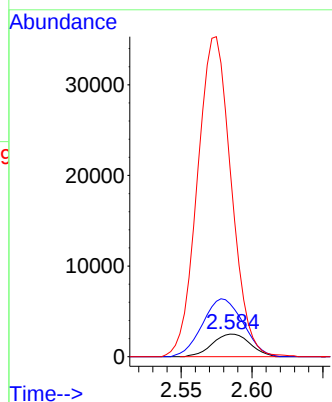
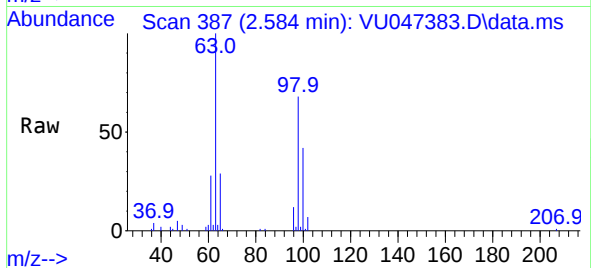




#12
1,1-Dichloroethene
Concen: 0.519 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

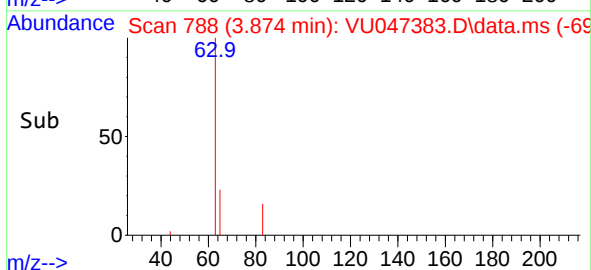
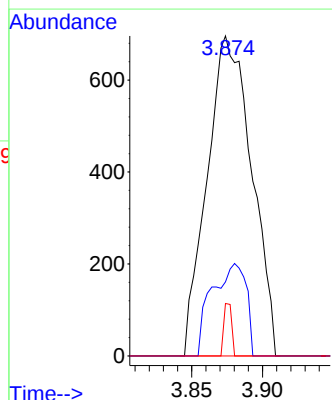
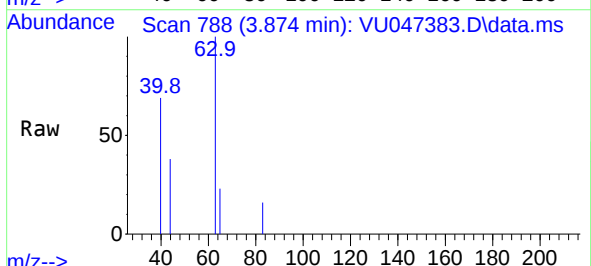
Instrument :
MSVOA_U
ClientSampleId :
BFY17DL

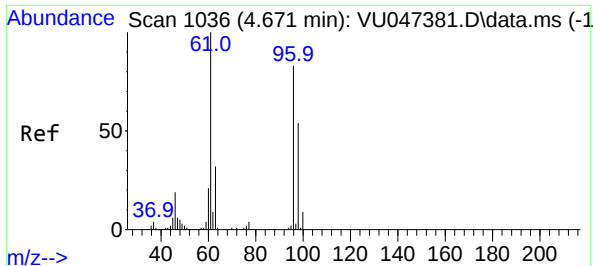
Tgt Ion: 96 Resp: 4614
Ion Ratio Lower Upper
96 100
61 234.3 124.7 231.5#
63 840.8 105.2 195.4#



#19
1,1-Dichloroethane
Concen: 0.095 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

Tgt Ion: 63 Resp: 1523
Ion Ratio Lower Upper
63 100
65 23.1 22.3 41.5
83 16.4 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 1.229 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

Instrument :

MSVOA_U

ClientSampleId :

BFY17DL

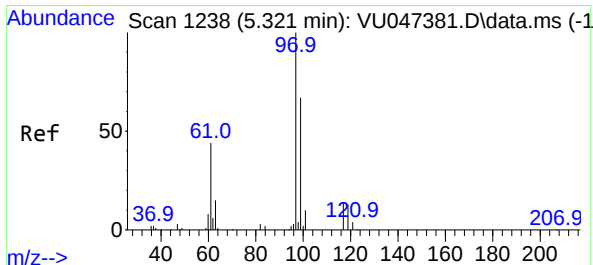
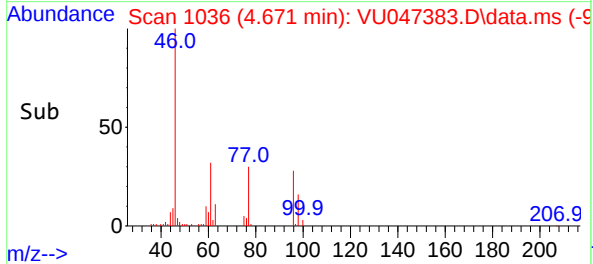
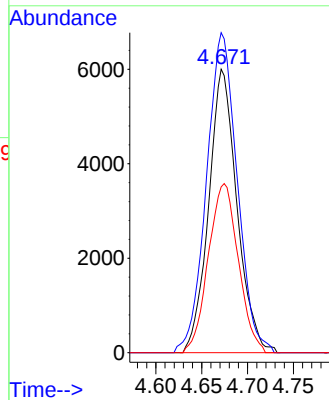
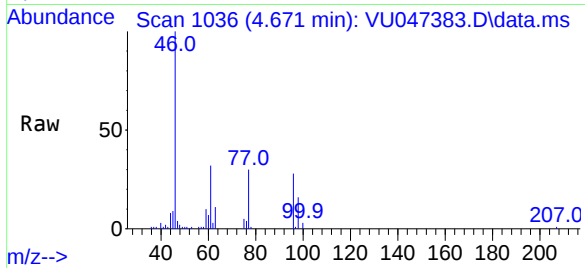
Tgt Ion: 96 Resp: 12905

Ion Ratio Lower Upper

96 100

61 112.8 88.5 164.3

98 58.5 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.133 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU047383.D

Acq: 08 Mar 2022 11:57

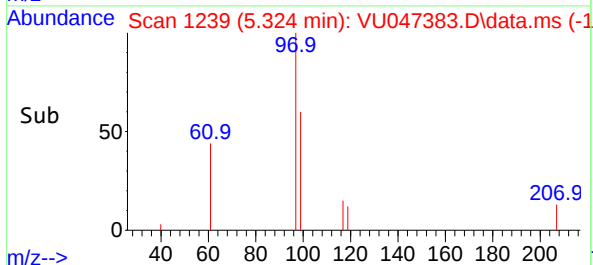
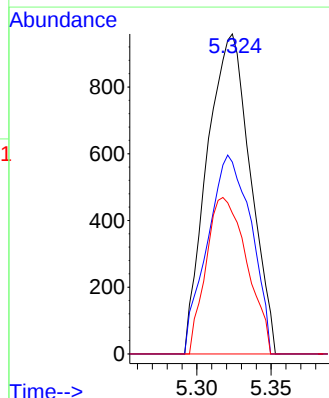
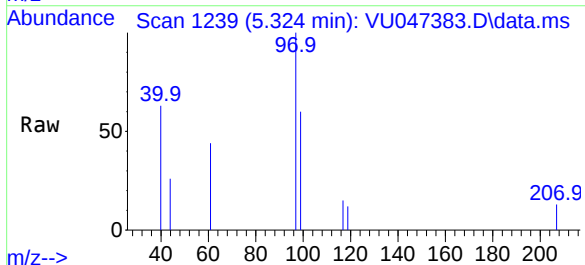
Tgt Ion: 97 Resp: 1940

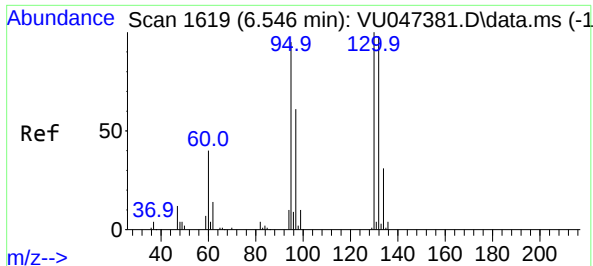
Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

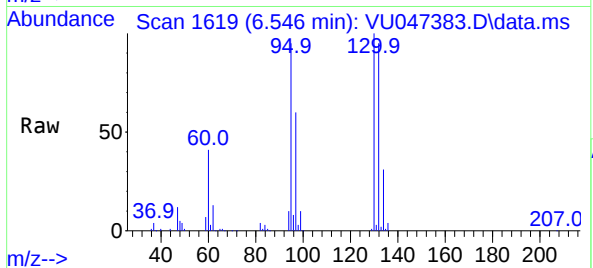
61 46.3 36.1 54.1



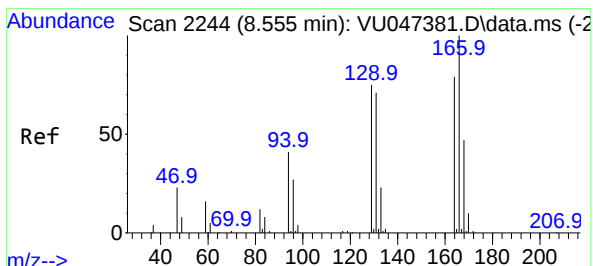
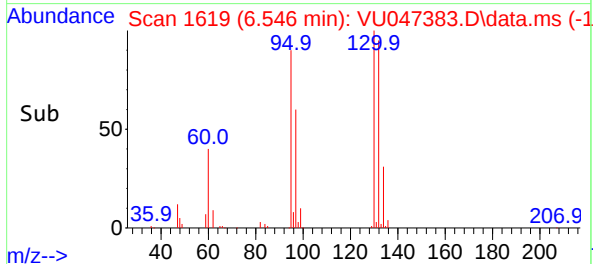
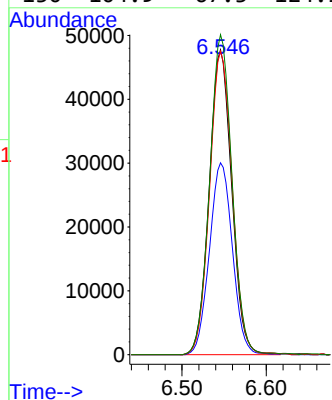


#34
Trichloroethene
Concen: 8.565 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

Instrument :
MSVOA_U
ClientSampleId :
BFY17DL



Tgt Ion: 95 Resp: 88546
Ion Ratio Lower Upper
95 100
97 62.9 46.5 86.5
132 99.5 65.1 120.9
130 104.9 67.3 124.9



#47
Tetrachloroethene
Concen: 4.464 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047383.D
Acq: 08 Mar 2022 11:57

Tgt Ion: 164 Resp: 39316
Ion Ratio Lower Upper
164 100
129 92.0 71.8 133.4
131 89.4 68.5 127.3
166 129.9 94.1 174.8

