

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045183.D
 Acq On : 06 Oct 2021 14:15
 Operator : SY/MD
 Sample : M3996-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A17

Quant Time: Oct 07 03:02:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

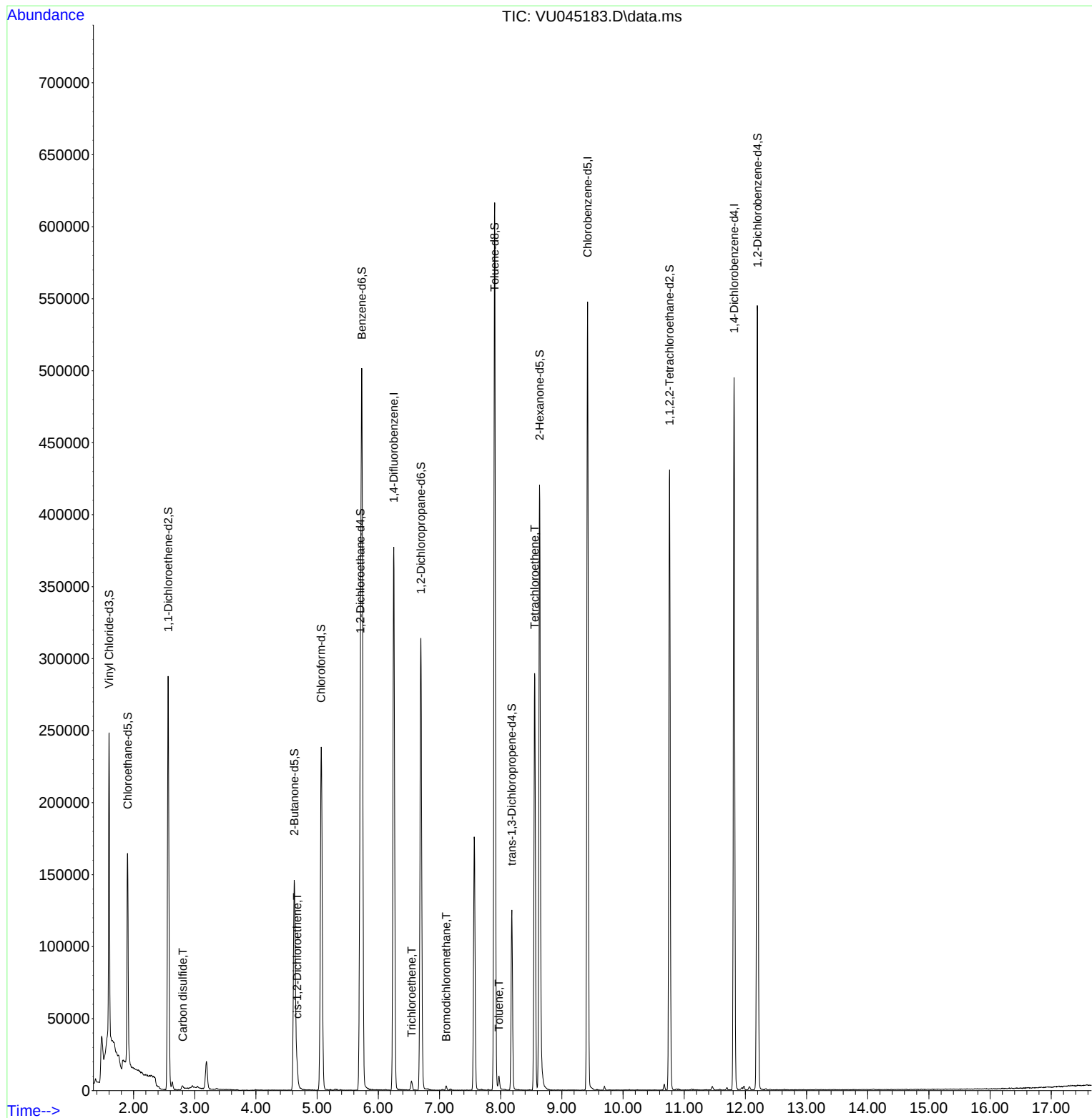
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	293663	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142223	44.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.480%
7) Chloroethane-d5	1.903	69	114600	44.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.980%
11) 1,1-Dichloroethene-d2	2.565	63	174747	32.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.740%
21) 2-Butanone-d5	4.626	46	204815	80.588	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.590%
24) Chloroform-d	5.067	84	215011	42.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
26) 1,2-Dichloroethane-d4	5.707	65	151843	44.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
32) Benzene-d6	5.732	84	447537	46.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.697	67	143896	45.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	7.903	98	389545	46.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.182	79	64778	46.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
47) 2-Hexanone-d5	8.636	63	146371	83.440	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211984	43.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.020%
66) 1,2-Dichlorobenzene-d4	12.198	152	134287	50.434	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.860%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.803	76	5900	0.810	ug/L #	91
20) cis-1,2-Dichloroethene	4.675	96	5742	2.175	ug/L	87
34) Trichloroethene	6.546	95	1739	0.698	ug/L	89
38) Bromodichloromethane	7.109	83	2008	0.580	ug/L #	98
42) Toluene	7.973	91	6019	0.571	ug/L	94
46) Tetrachloroethene	8.555	164	60166	33.773	ug/L	98

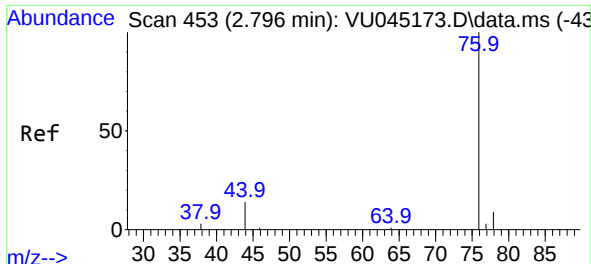
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration

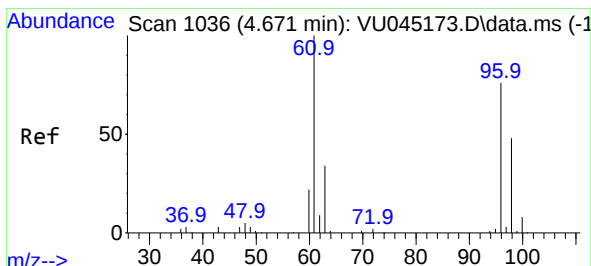
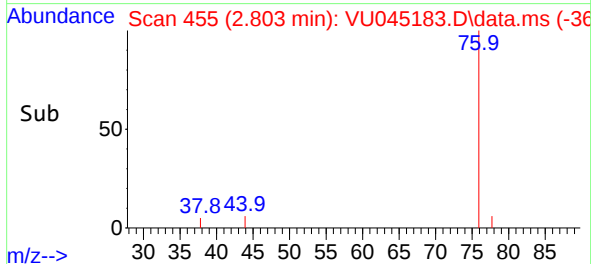
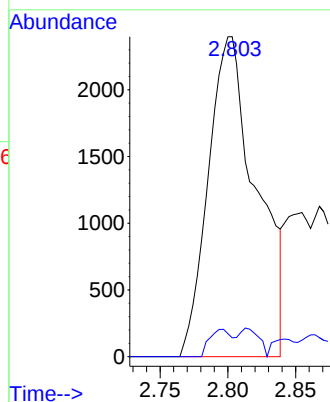
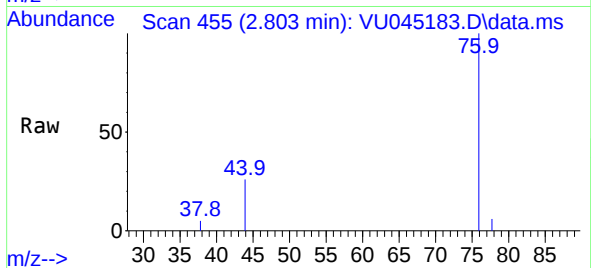




#14
Carbon disulfide
Concen: 0.810 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.007 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

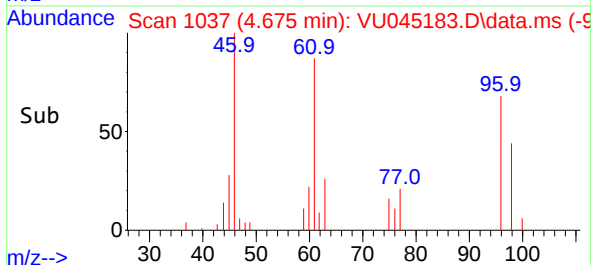
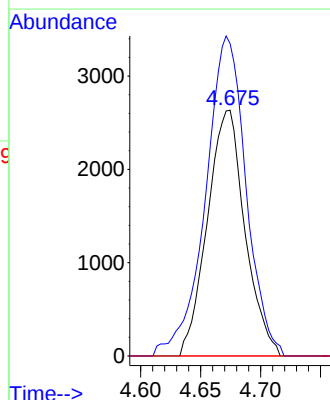
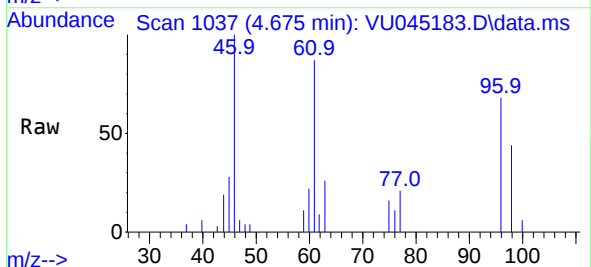
Instrument :
MSVOA_U
ClientSampleId :
F4A17

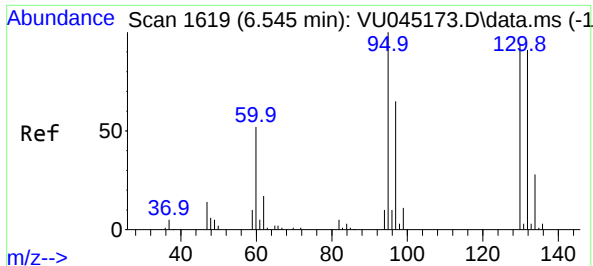
Tgt Ion: 76 Resp: 5900
Ion Ratio Lower Upper
76 100
78 5.9 7.3 10.9#



#20
cis-1,2-Dichloroethene
Concen: 2.175 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.004 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 96 Resp: 5742
Ion Ratio Lower Upper
96 100
61 127.1 100.2 186.0
68 0.0 0.0 0.0



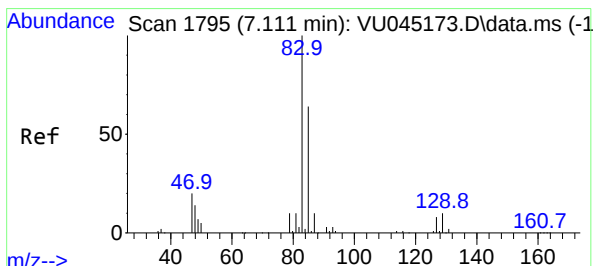
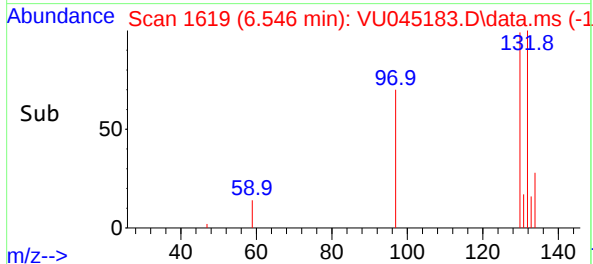
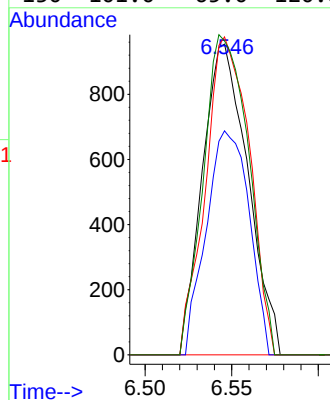
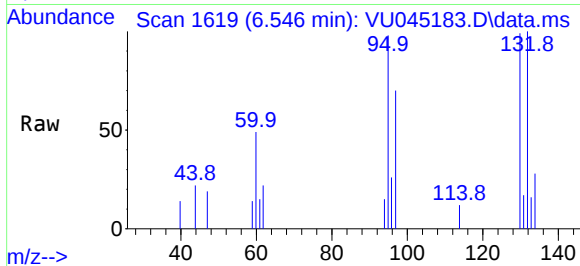


#34
Trichloroethene
Concen: 0.698 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion: 95 Resp: 1739

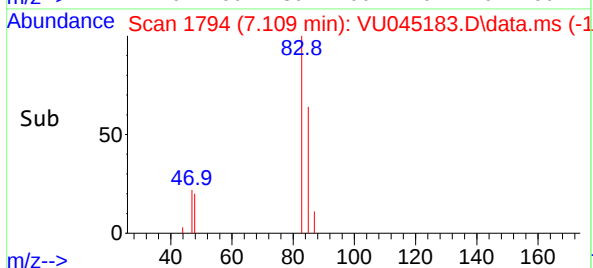
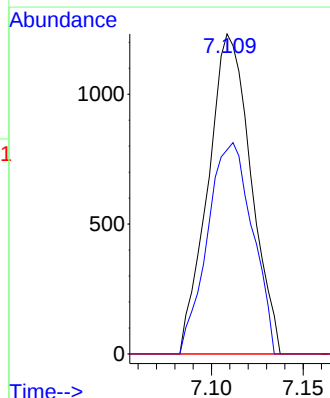
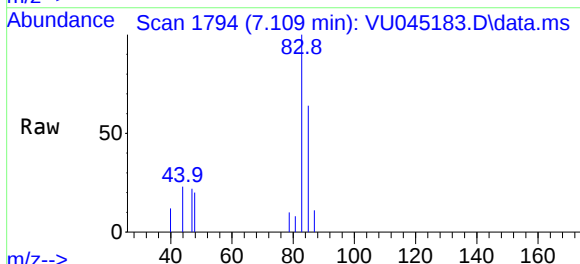
Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.4	82.4
132	102.3	62.9	116.9
130	101.0	65.0	120.8

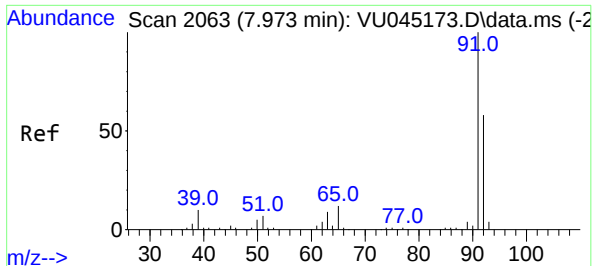


#38
Bromodichloromethane
Concen: 0.580 ug/L
RT: 7.109 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 83 Resp: 2008

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.6	82.8
127	0.0	6.2	9.2#

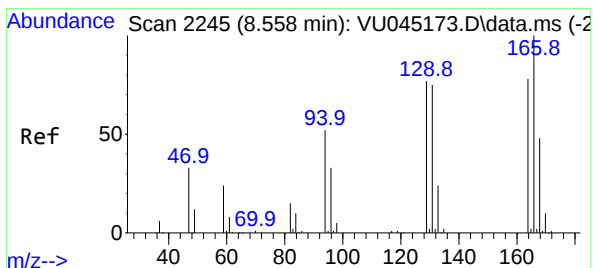
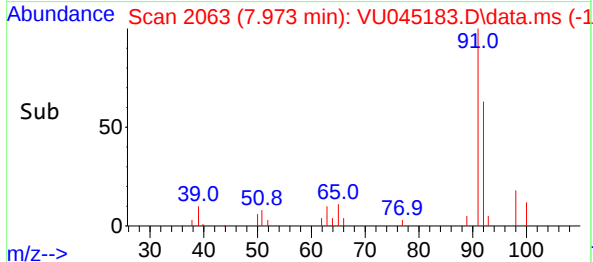
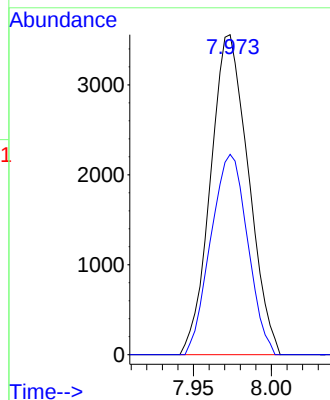
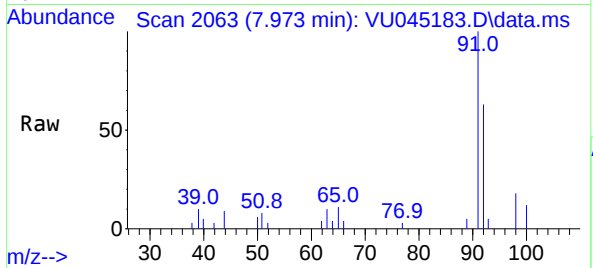




#42
Toluene
Concen: 0.571 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

Instrument :
MSVOA_U
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Tgt Ion: 91 Resp: 6019
Ion Ratio Lower Upper
91 100
92 62.6 40.5 75.1



#46
Tetrachloroethene
Concen: 33.773 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 164 Resp: 60166
Ion Ratio Lower Upper
164 100
129 100.5 69.8 129.6
131 96.1 66.4 123.2
166 125.5 91.1 169.3

