

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045843.D
 Acq On : 17 Nov 2021 16:28
 Operator : SY/MD
 Sample : M4686-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG212

Quant Time: Nov 18 02:21:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

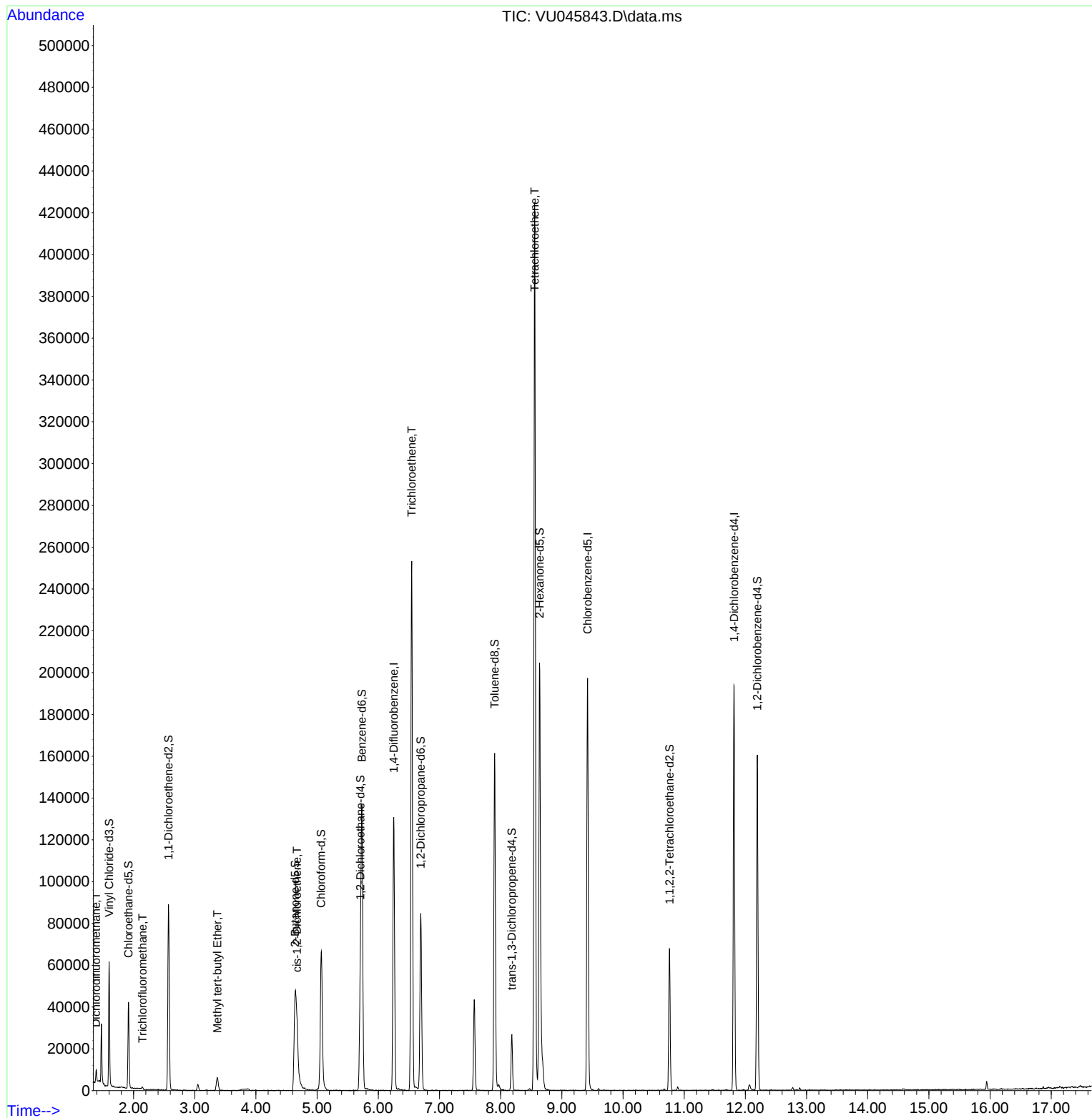
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	49748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41146	5.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.916	69	30050	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.572	65	16633	4.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.642	46	98695	45.058	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	5.067	84	60473	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.707	65	36262	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	127223	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.694	67	40856	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.903	98	109376	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.182	79	15294	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.636	63	71452	41.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	33685	4.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	41183	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1503	0.179	ug/L	97
9) Trichlorofluoromethane	2.144	101	480	0.042	ug/L	84
17) Methyl tert-butyl Ether	3.369	73	6864	0.413	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	6402	0.863	ug/L	97
34) Trichloroethene	6.546	95	86275	11.003	ug/L	98
47) Tetrachloroethene	8.555	164	92739	16.895	ug/L	97

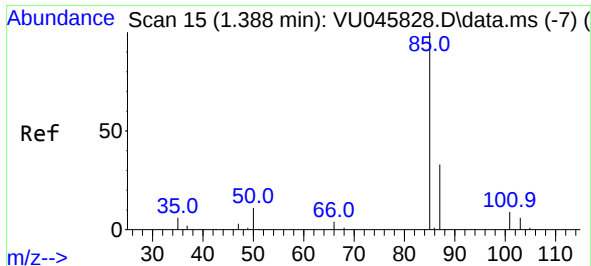
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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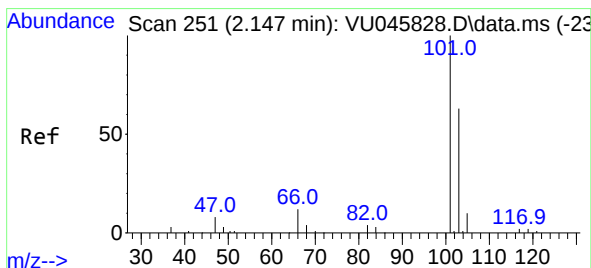
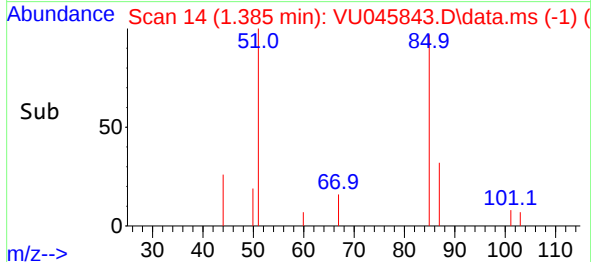
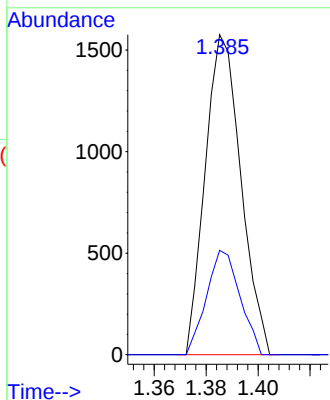
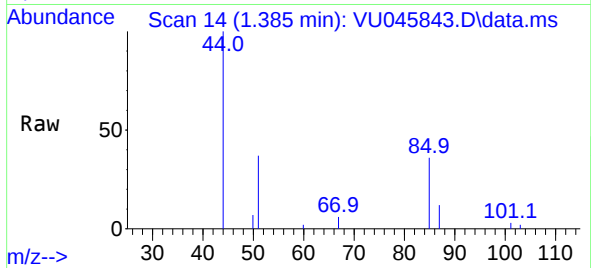




#2
Dichlorodifluoromethane
Concen: 0.179 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

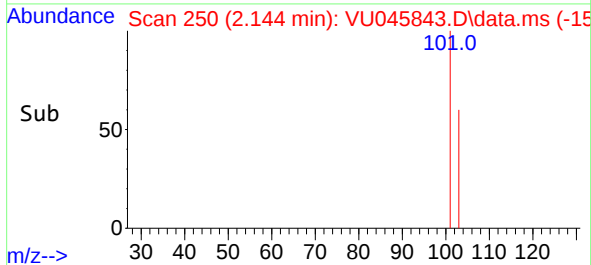
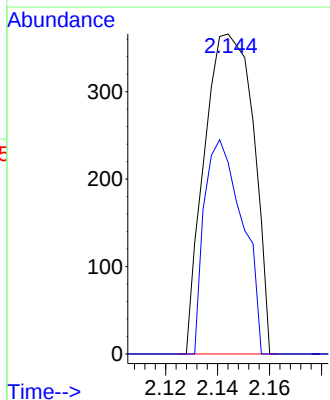
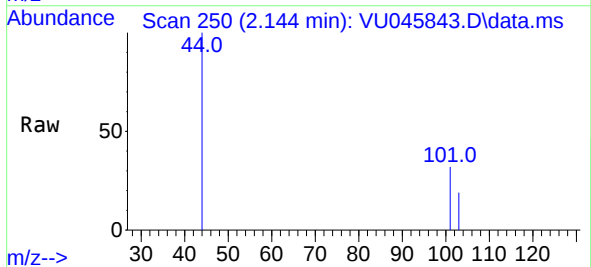
Instrument :
MSVOA_U
ClientSampleId :
BG212

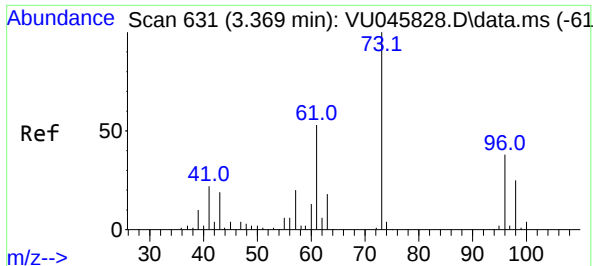
Tgt Ion: 85 Resp: 1503
Ion Ratio Lower Upper
85 100
87 30.6 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.042 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion:101 Resp: 480
Ion Ratio Lower Upper
101 100
103 52.1 51.5 77.3

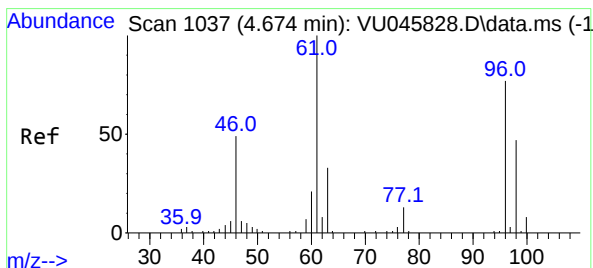
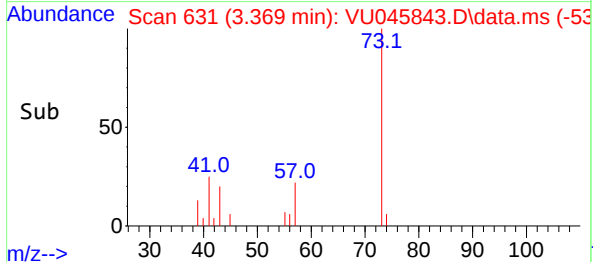
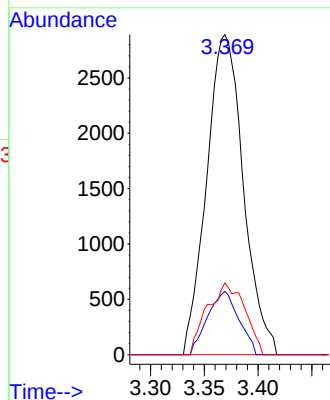
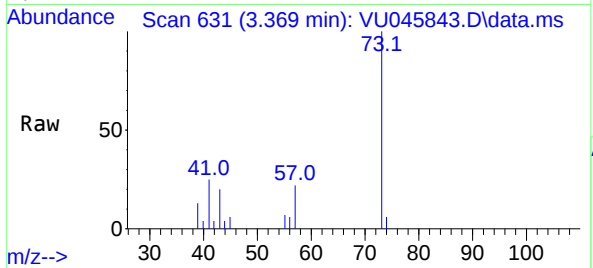




#17
Methyl tert-butyl Ether
Concen: 0.413 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

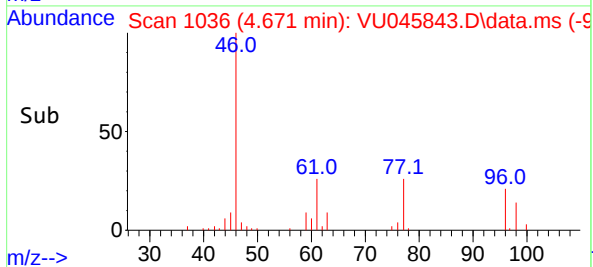
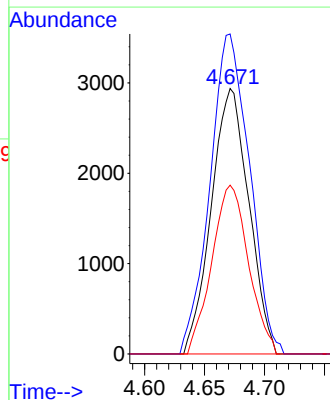
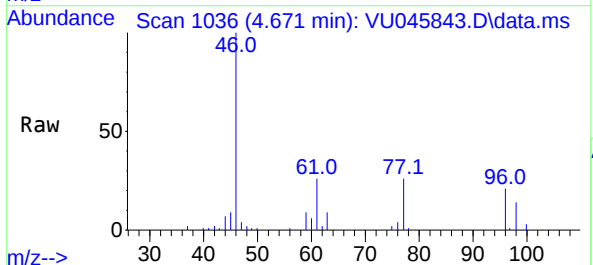
Instrument :
MSVOA_U
ClientSampleId :
BG212

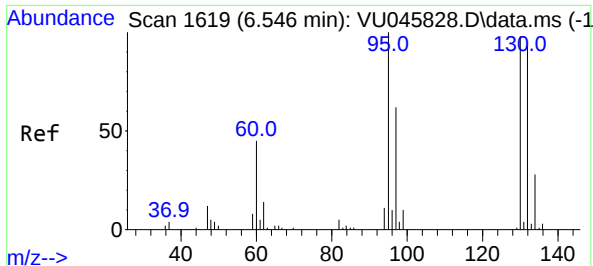
Tgt Ion: 73	Resp: 6864
Ion Ratio	Lower Upper
73 100	
43 16.8	14.8 22.2
57 22.9	17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 0.863 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion: 96	Resp: 6402
Ion Ratio	Lower Upper
96 100	
61 120.5	88.5 164.3
98 63.6	44.4 82.5

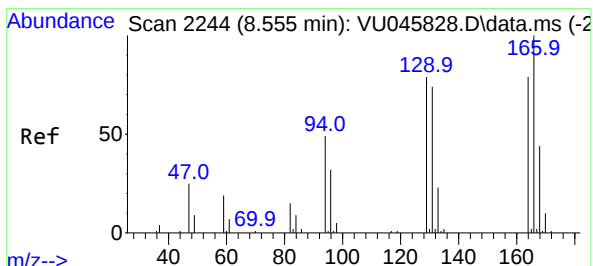
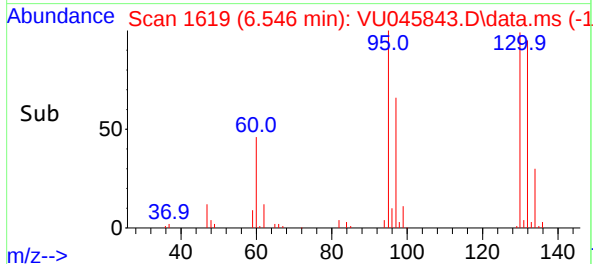
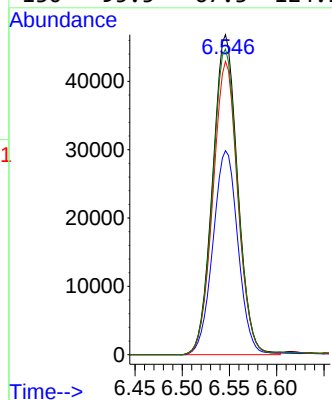
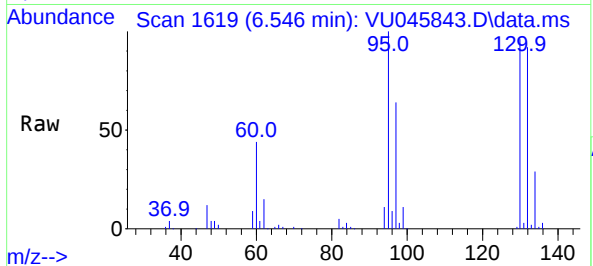




#34
Trichloroethene
Concen: 11.003 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Instrument :
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ClientSampleId :
BG212

Tgt Ion: 95 Resp: 86275
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.5
132 91.6 65.1 120.9
130 95.5 67.3 124.9



#47
Tetrachloroethene
Concen: 16.895 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion:164 Resp: 92739
Ion Ratio Lower Upper
164 100
129 100.2 71.8 133.4
131 97.2 68.5 127.3
166 129.0 94.1 174.8

