

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058496.D
 Acq On : 09 Apr 2024 02:26
 Operator : MD/SY
 Sample : P2013-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MC2

Quant Time: Apr 09 05:54:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

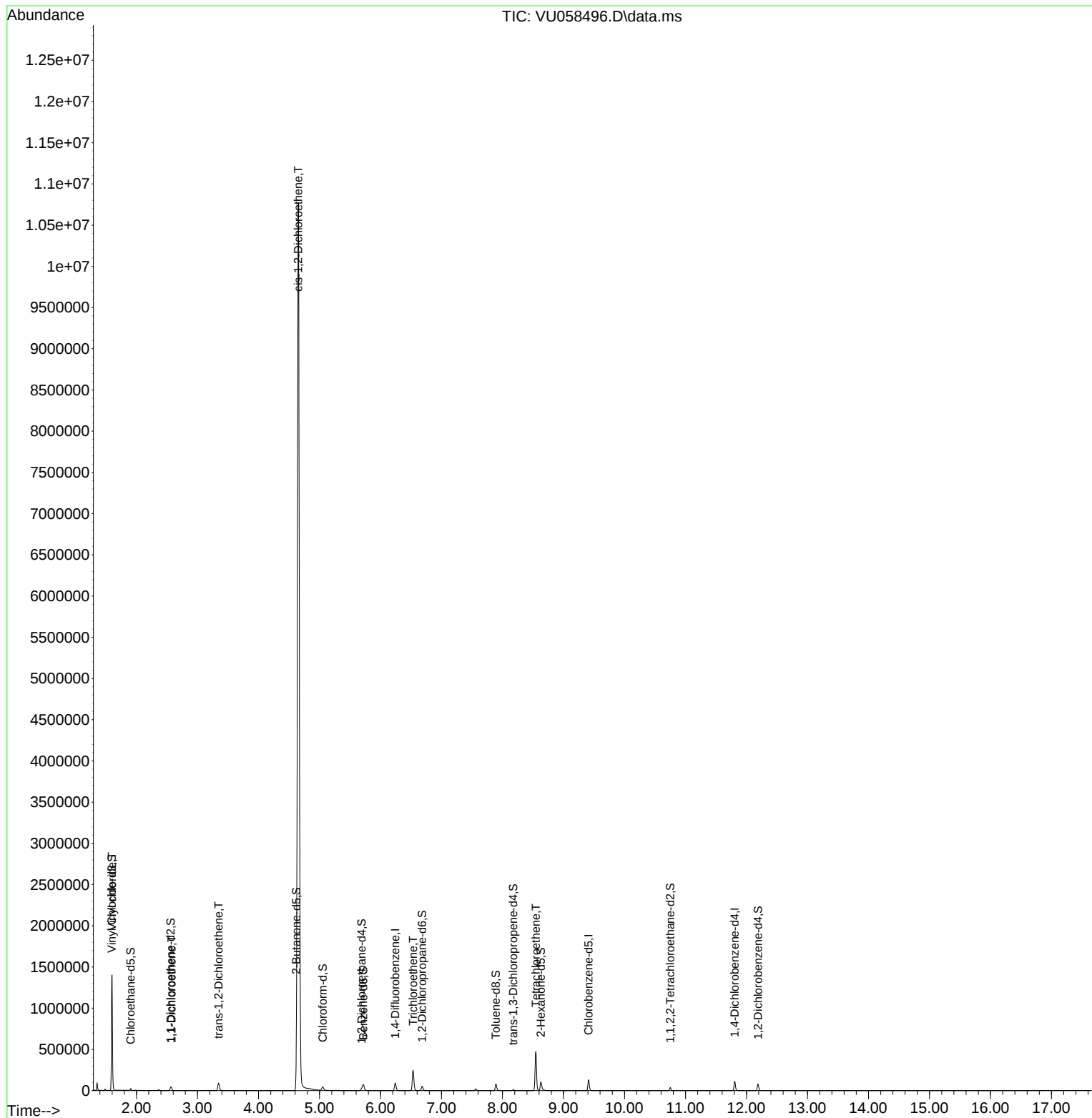
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20308	4.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.904	69	13994	3.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.560	65	6119	2.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	4.621	46	58931	58.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.400%
24) Chloroform-d	5.052	84	39675	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	19396	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.717	84	67680	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.682	67	24459	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.891	98	53460	3.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	8.177	79	6714	3.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.627	63	36679	48.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19049	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	20897	4.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	935502	127.628	ug/L	99
12) 1,1-Dichloroethene	2.573	96	7121	1.397	ug/L #	69
18) trans-1,2-Dichloroethene	3.345	96	35655	6.672	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	5044813	840.609	ug/L	94
34) Trichloroethene	6.534	95	83307	13.134	ug/L	97
47) Tetrachloroethene	8.547	164	97493	20.968	ug/L	98

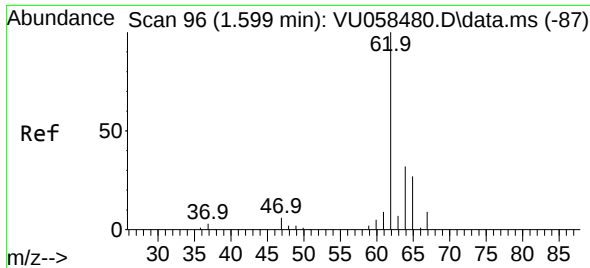
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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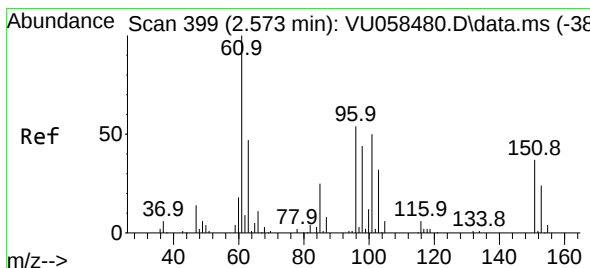
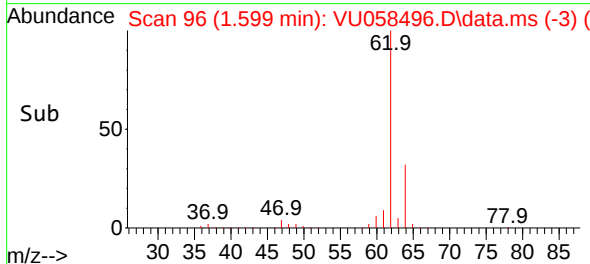
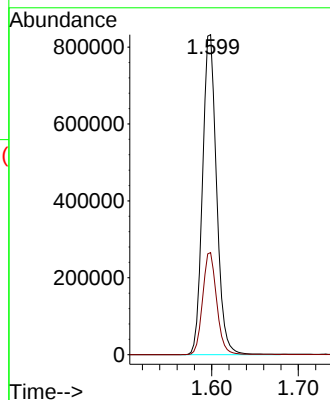
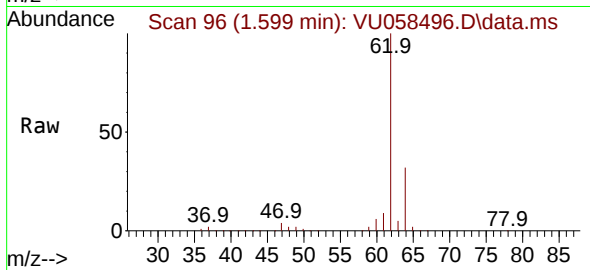




#5
 Vinyl chloride
 Concen: 127.628 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058496.D
 Acq: 09 Apr 2024 02:26

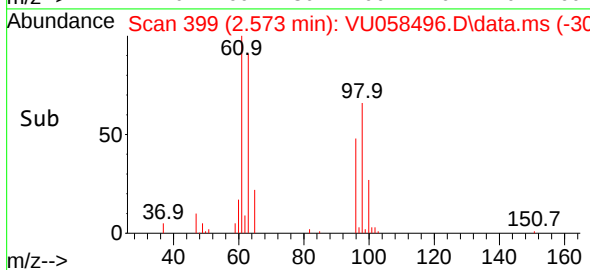
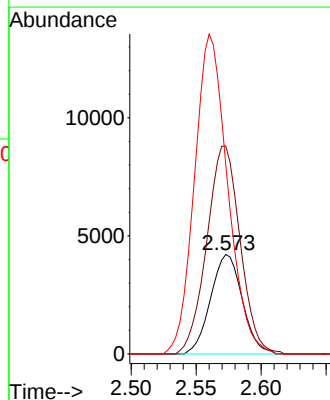
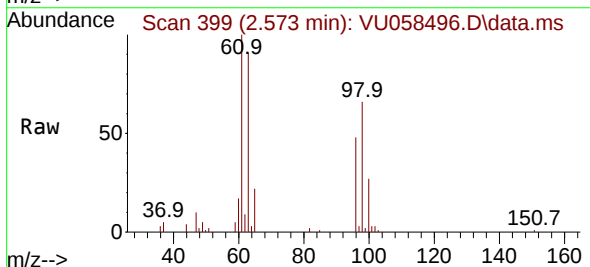
Instrument :
 MSVOA_U
 ClientSampleId :
 E0MC2

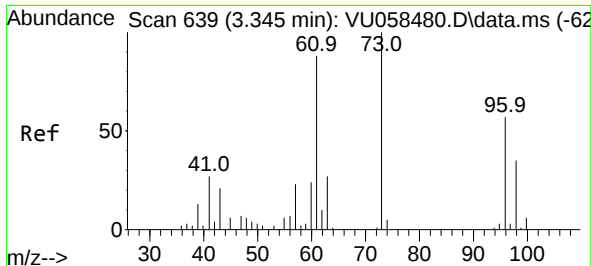
Tgt Ion: 62 Resp: 935502
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.6 42.0



#12
 1,1-Dichloroethene
 Concen: 1.397 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058496.D
 Acq: 09 Apr 2024 02:26

Tgt Ion: 96 Resp: 7121
 Ion Ratio Lower Upper
 96 100
 61 209.0 132.5 246.1
 63 190.0 87.7 162.9

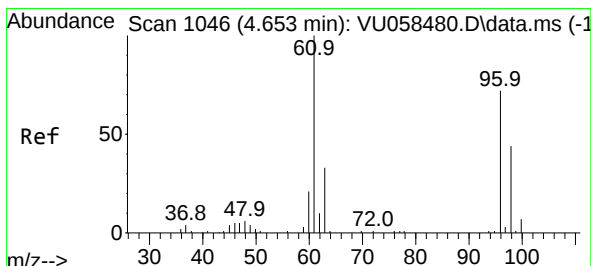
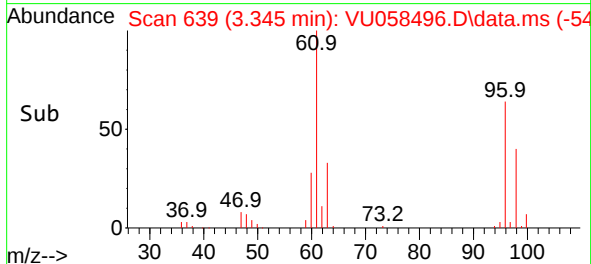
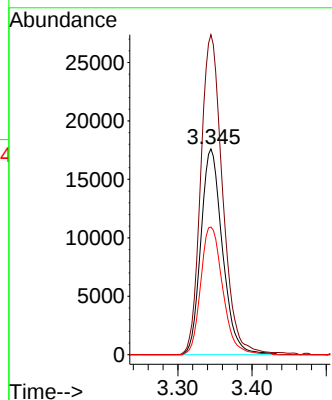
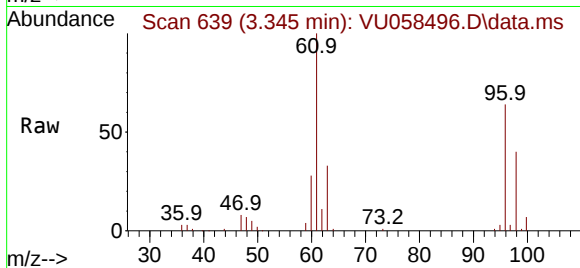




#18
trans-1,2-Dichloroethene
Concen: 6.672 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

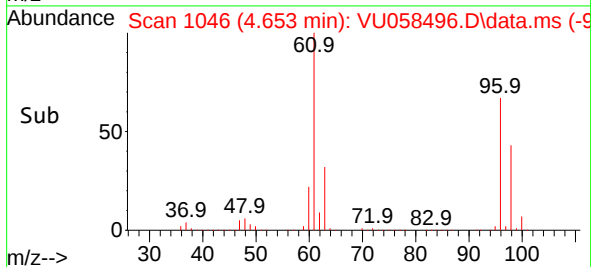
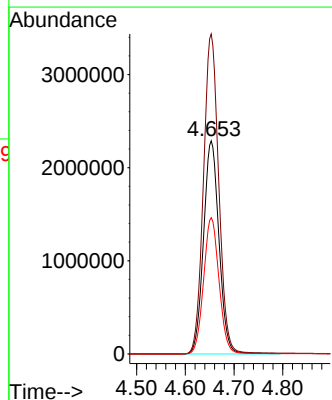
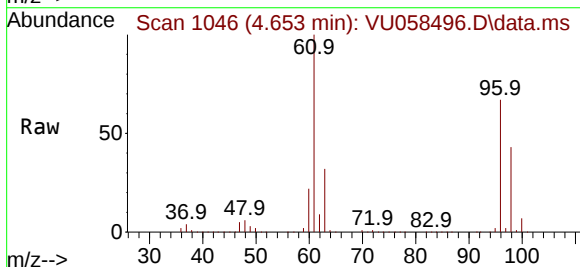
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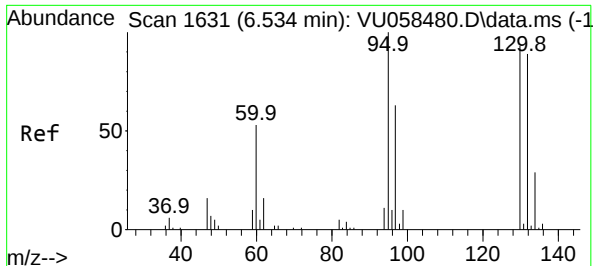
Tgt Ion: 96 Resp: 35655
Ion Ratio Lower Upper
96 100
61 155.5 107.6 199.8
98 62.0 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 840.609 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Tgt Ion: 96 Resp: 5044813
Ion Ratio Lower Upper
96 100
61 150.2 98.1 182.3
98 64.0 43.6 81.0

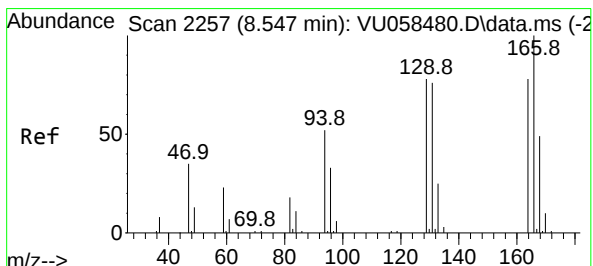
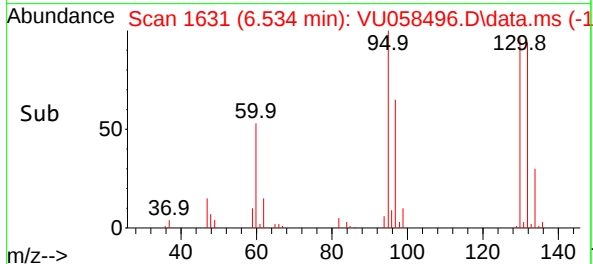
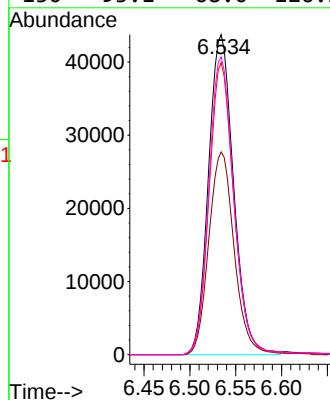
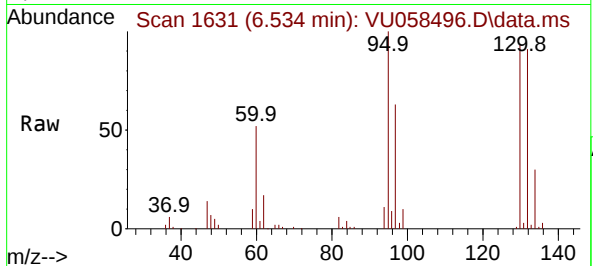




#34
Trichloroethene
Concen: 13.134 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Instrument :
MSVOA_U
ClientSampleId :
E0MC2

Tgt Ion: 95 Resp: 83307
Ion Ratio Lower Upper
95 100
97 63.4 45.6 84.6
132 91.3 64.8 120.3
130 93.1 68.0 126.2



#47
Tetrachloroethene
Concen: 20.968 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058496.D
Acq: 09 Apr 2024 02:26

Tgt Ion:164 Resp: 97493
Ion Ratio Lower Upper
164 100
129 98.9 67.3 125.1
131 96.4 65.5 121.6
166 127.4 89.5 166.1

