

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051924.D
 Acq On : 19 Nov 2022 00:51
 Operator : JC/MD
 Sample : N5684-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J3

Quant Time: Nov 19 01:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

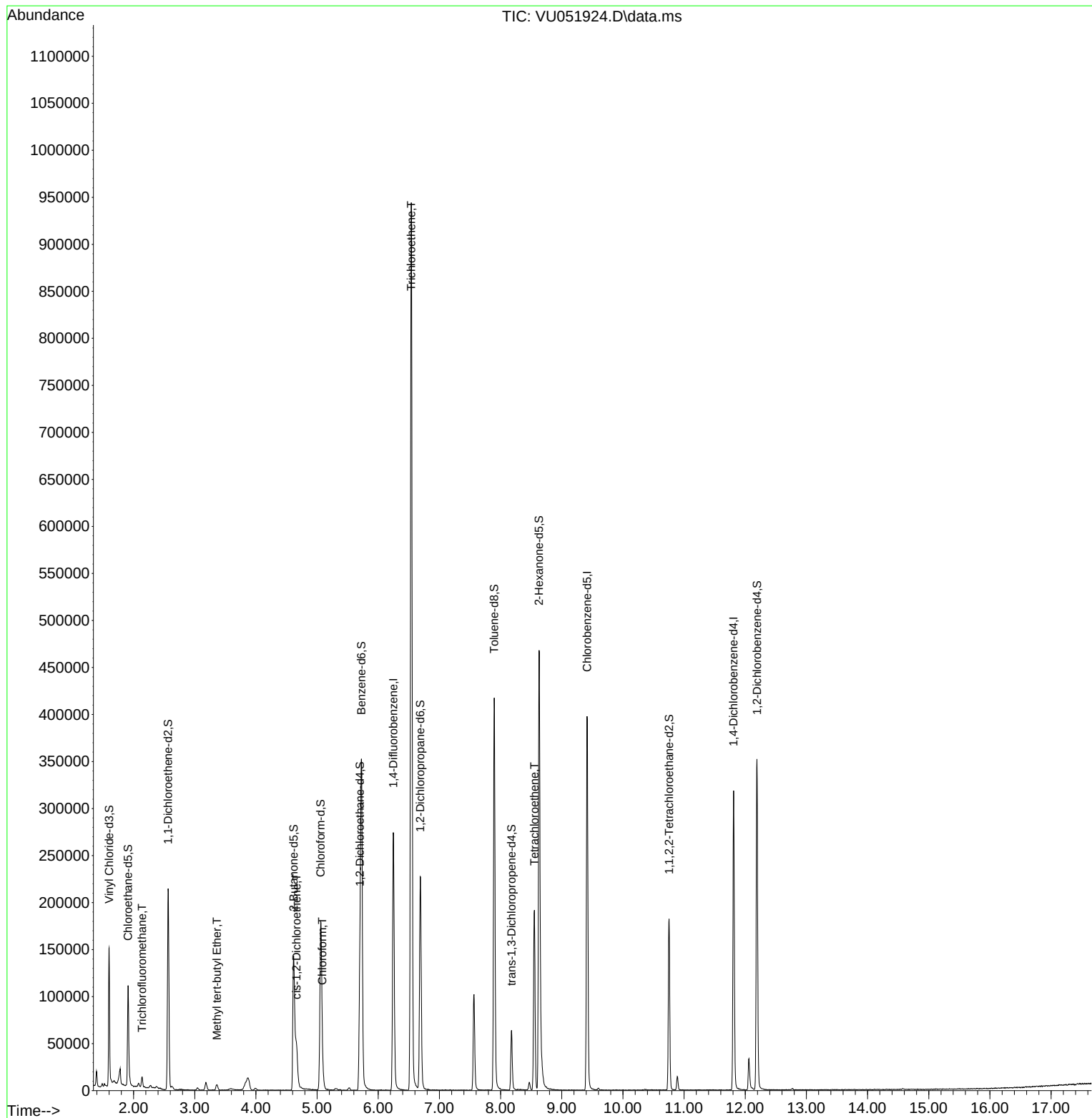
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110895	5.021	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.909	69	90281	5.262	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.565	65	39732	5.018	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.400%		
20) 2-Butanone-d5	4.616	46	200744	50.141	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 100.280%		
24) Chloroform-d	5.060	84	165151	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	5.700	65	87371	5.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.726	84	354217	5.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
36) 1,2-Dichloropropane-d6	6.687	67	114578	5.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.896	98	288635	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.800%		
43) trans-1,3-Dichloroprop...	8.179	79	37052	4.680	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.600%		
46) 2-Hexanone-d5	8.629	63	160851	47.939	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.880%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93853	4.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	99251	5.842	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.800%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	7104	0.261	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	5242	0.142	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	19967	1.077	ug/L	97
25) Chloroform	5.086	83	15544	0.482	ug/L	90
34) Trichloroethene	6.539	95	337312	17.573	ug/L	98
47) Tetrachloroethene	8.552	164	43966	2.989	ug/L	98

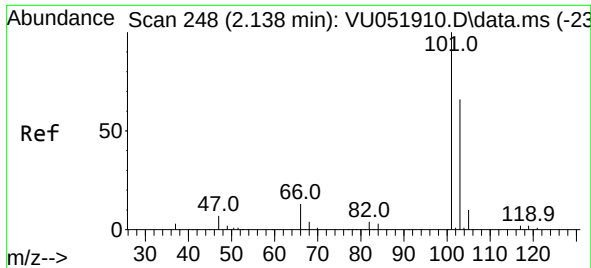
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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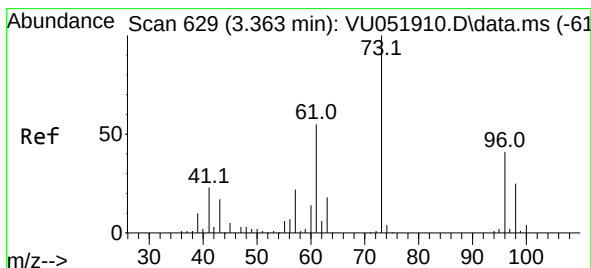
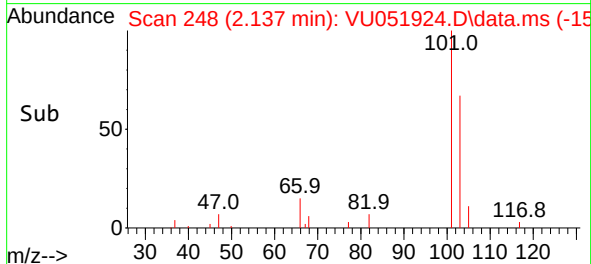
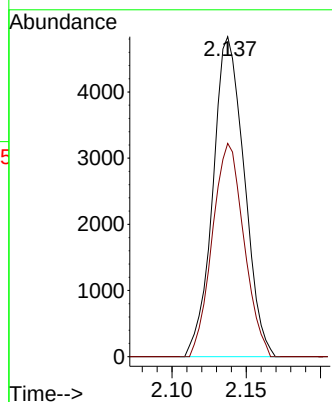
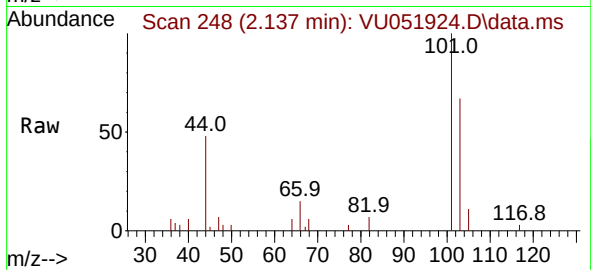




#9
 Trichlorofluoromethane
 Concen: 0.261 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

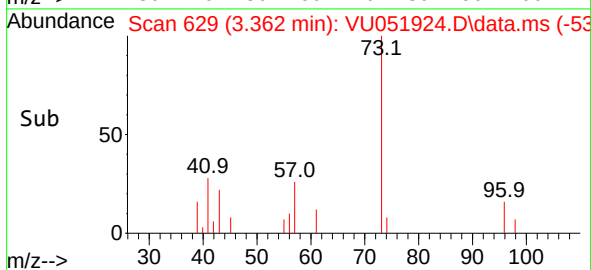
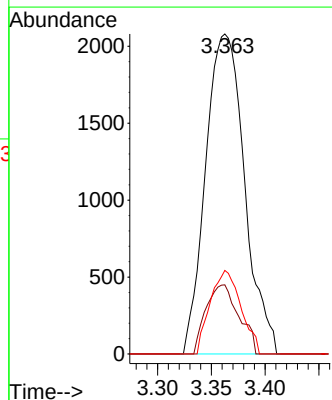
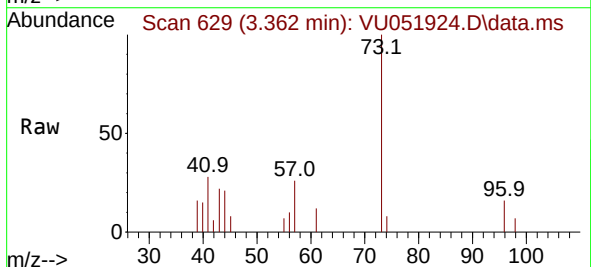
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J3

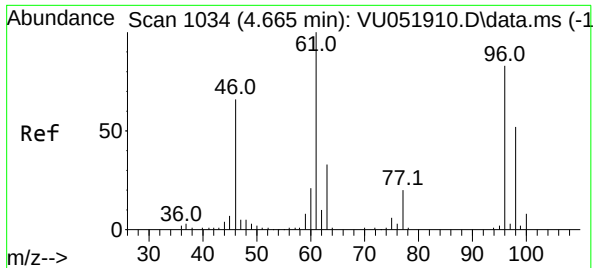
Tgt Ion:101 Resp: 7104
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.142 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

Tgt Ion: 73 Resp: 5242
 Ion Ratio Lower Upper
 73 100
 43 18.3 13.2 19.8
 57 20.6 17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 1.077 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051924.D

Acq: 19 Nov 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

BH1J3

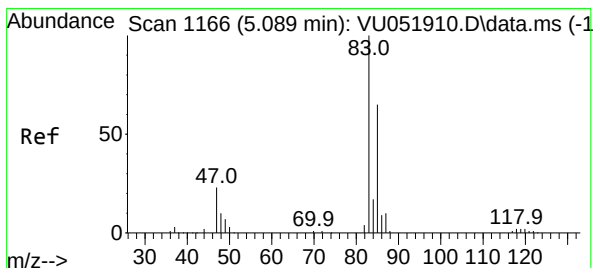
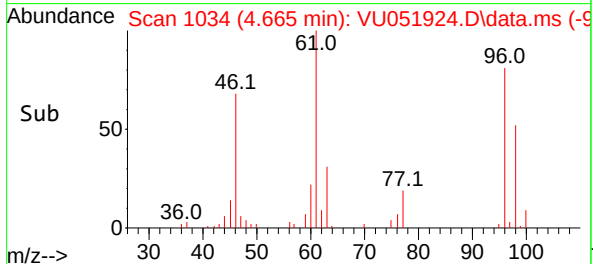
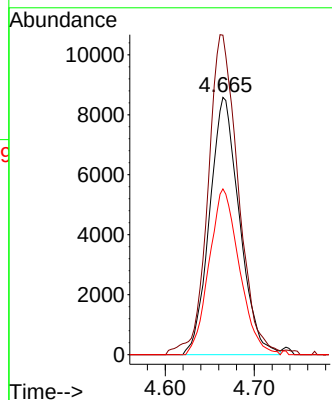
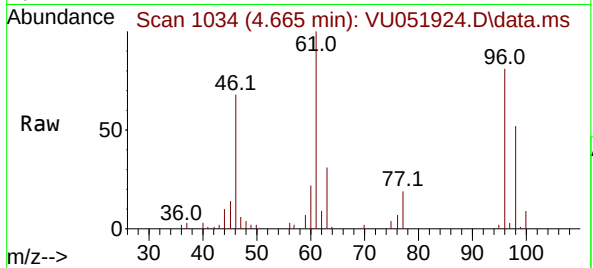
Tgt Ion: 96 Resp: 19967

Ion Ratio Lower Upper

96 100

61 124.2 85.1 158.1

98 64.4 42.8 79.6



#25

Chloroform

Concen: 0.482 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051924.D

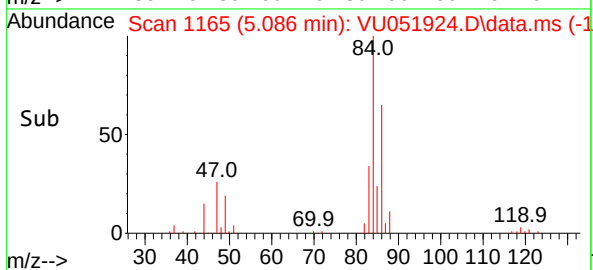
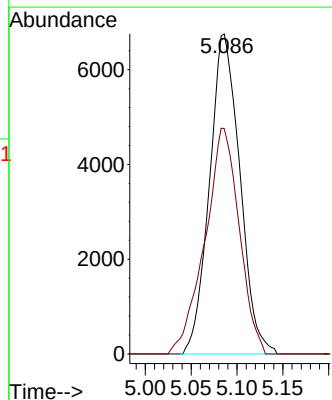
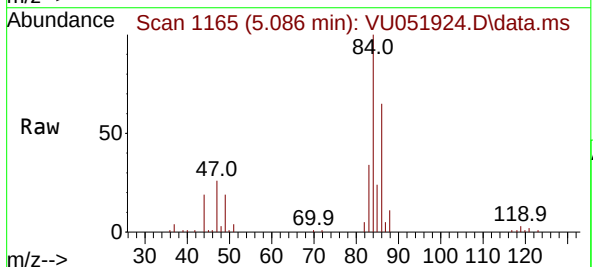
Acq: 19 Nov 2022 00:51

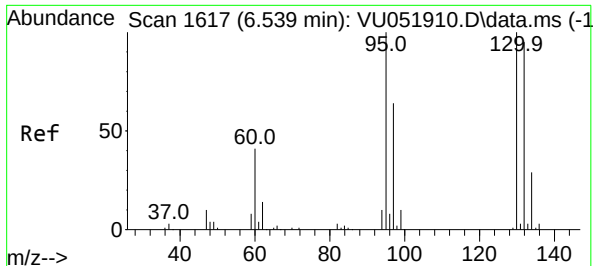
Tgt Ion: 83 Resp: 15544

Ion Ratio Lower Upper

83 100

85 70.5 43.8 81.4

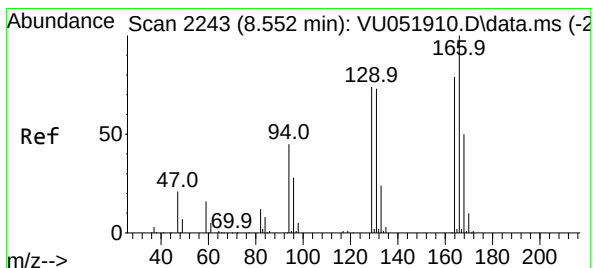
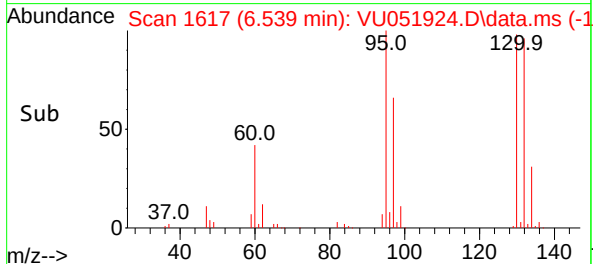
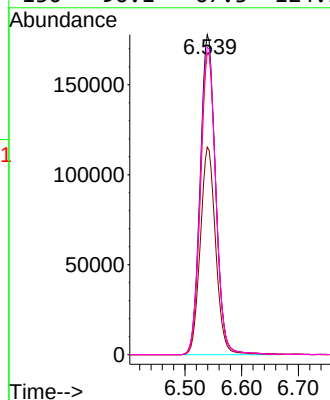
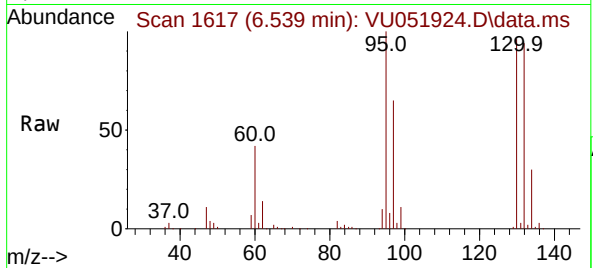




#34
Trichloroethene
Concen: 17.573 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051924.D
Acq: 19 Nov 2022 00:51

Instrument :
MSVOA_U
ClientSampleId :
BH1J3

Tgt Ion: 95 Resp: 337312
Ion Ratio Lower Upper
95 100
97 64.9 43.7 81.1
132 94.2 64.3 119.3
130 96.1 67.3 124.9



#47
Tetrachloroethene
Concen: 2.989 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051924.D
Acq: 19 Nov 2022 00:51

Tgt Ion: 164 Resp: 43966
Ion Ratio Lower Upper
164 100
129 97.5 67.4 125.2
131 92.7 67.1 124.7
166 126.1 89.7 166.5

