

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030513.D
 Acq On : 08 Aug 2022 15:29
 Operator : JC/MD
 Sample : NN4066-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E26

Quant Time: Aug 09 01:06:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

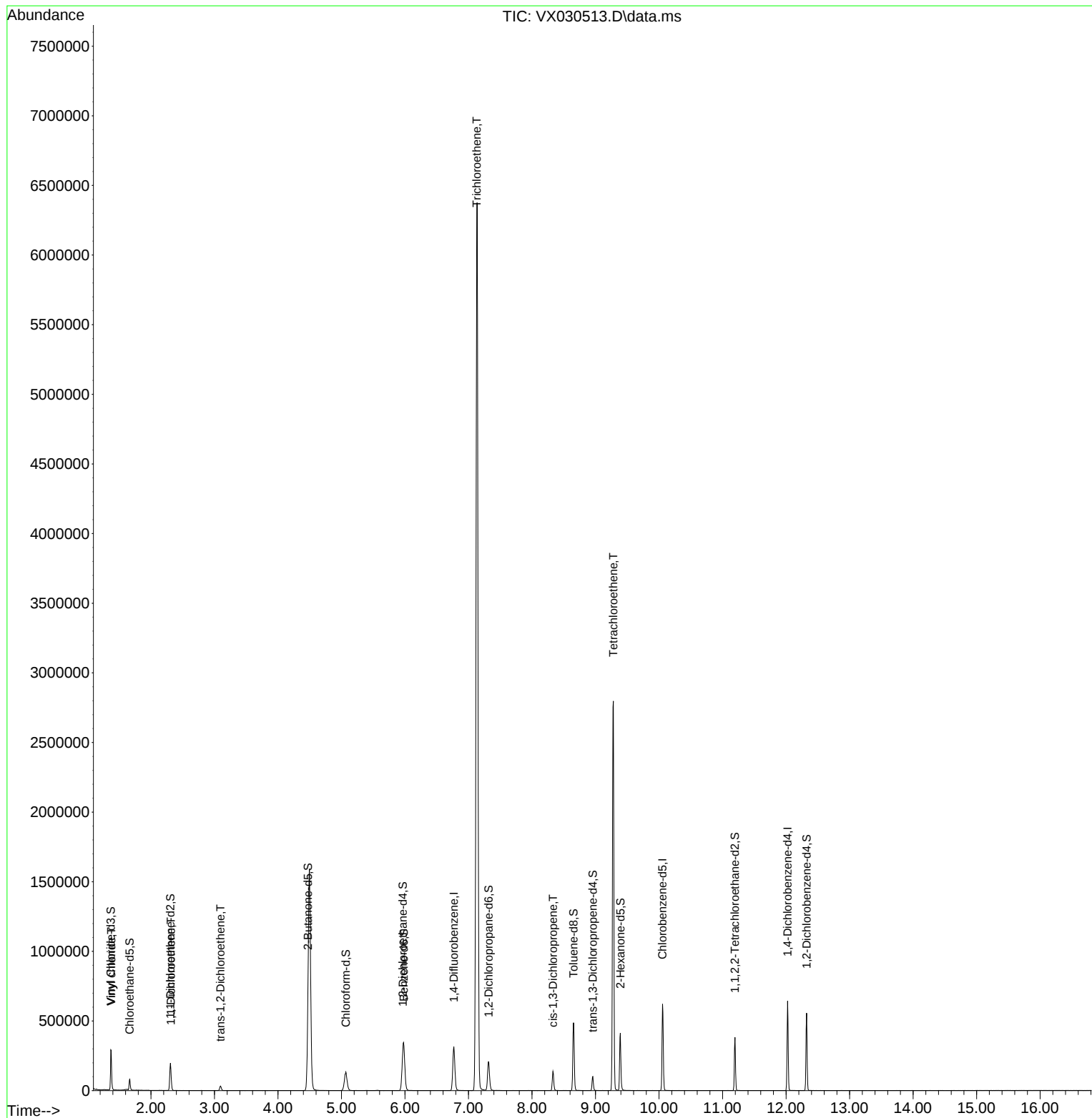
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	298836	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	67378	35.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.220%
7) Chloroethane-d5	1.666	69	52518	38.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	2.306	63	107667	29.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.320%#
21) 2-Butanone-d5	4.471	46	169685	95.430	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.430%
24) Chloroform-d	5.068	84	157515	39.872	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.740%
26) 1,2-Dichloroethane-d4	5.964	65	113628	42.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.720%
32) Benzene-d6	5.982	84	312522	41.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.280%
36) 1,2-Dichloropropane-d6	7.318	67	103357	42.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.900%
41) Toluene-d8	8.653	98	279449	39.501	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.000%#
43) trans-1,3-Dichloroprop...	8.958	79	47564	39.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.520%
47) 2-Hexanone-d5	9.390	63	111735	90.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141154	44.127	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	101314	44.006	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.020%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	140064	67.817	ug/L	98
12) 1,1-Dichloroethene	2.312	96	3636	2.174	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	11857	6.119	ug/L	96
34) Trichloroethene	7.129	95	2427185	997.599	ug/L	96
39) cis-1,3-Dichloropropene	8.330	75	3071	0.922	ug/L #	40
46) Tetrachloroethene	9.281	164	495915	322.516	ug/L	93

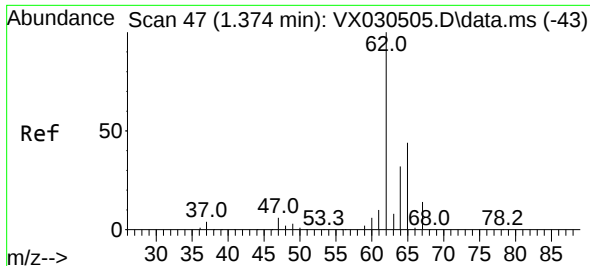
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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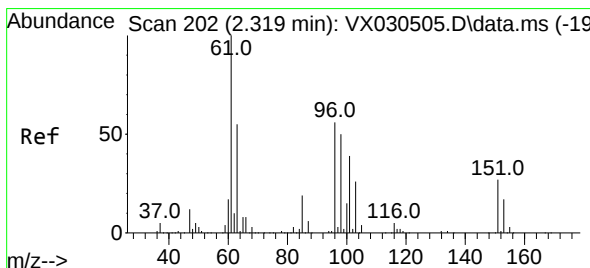
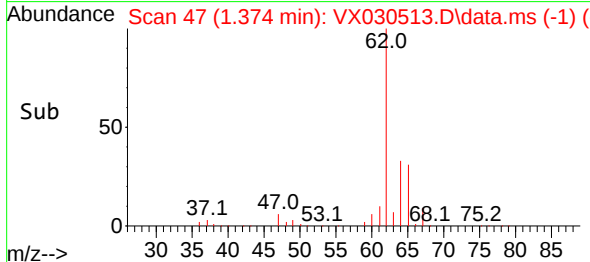
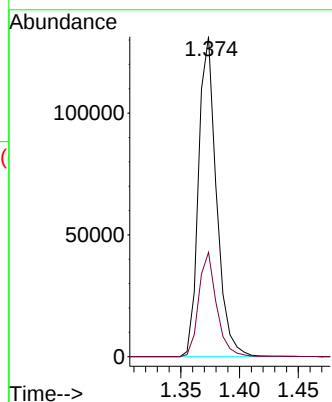
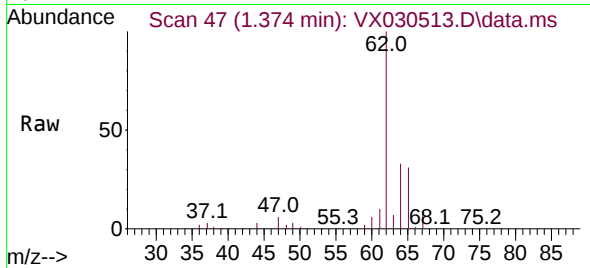




#5
 Vinyl chloride
 Concen: 67.817 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030513.D
 Acq: 08 Aug 2022 15:29

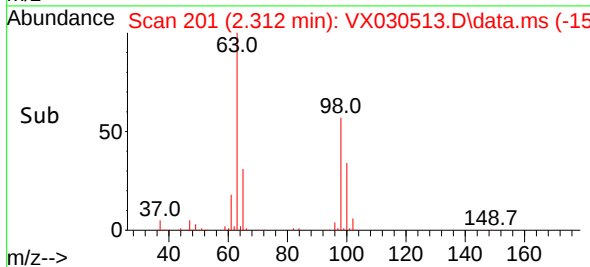
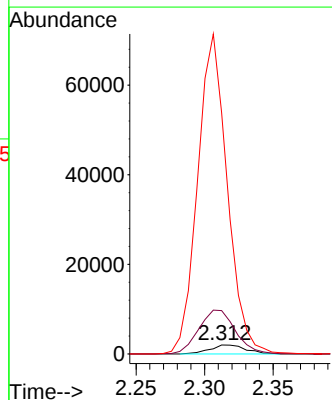
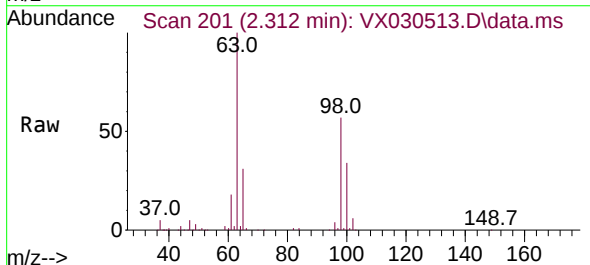
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E26

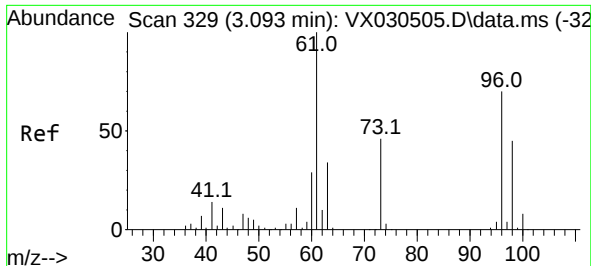
Tgt Ion: 62 Resp: 140064
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 2.174 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030513.D
 Acq: 08 Aug 2022 15:29

Tgt Ion: 96 Resp: 3636
 Ion Ratio Lower Upper
 96 100
 61 485.3 130.2 241.8#
 63 2695.6 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 6.119 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030513.D

Acq: 08 Aug 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

F5E26

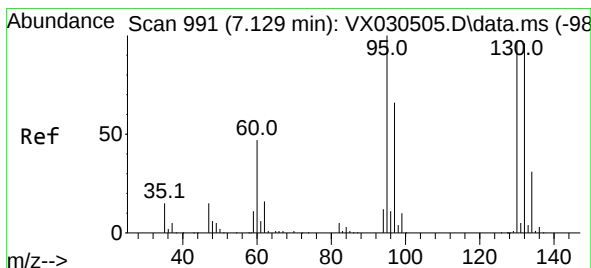
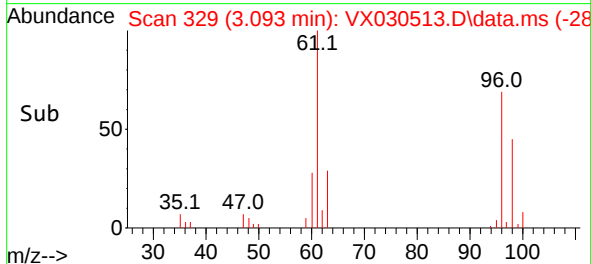
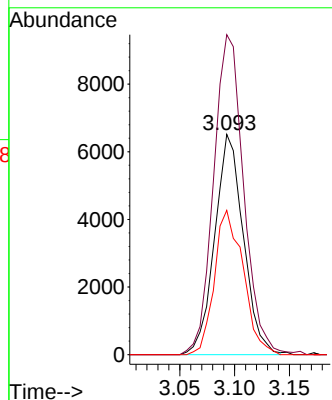
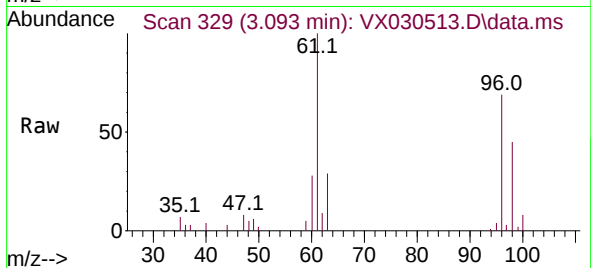
Tgt Ion: 96 Resp: 11857

Ion Ratio Lower Upper

96 100

61 145.2 103.7 192.5

98 65.5 41.5 77.1



#34

Trichloroethene

Concen: 997.599 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030513.D

Acq: 08 Aug 2022 15:29

Tgt Ion: 95 Resp: 2427185

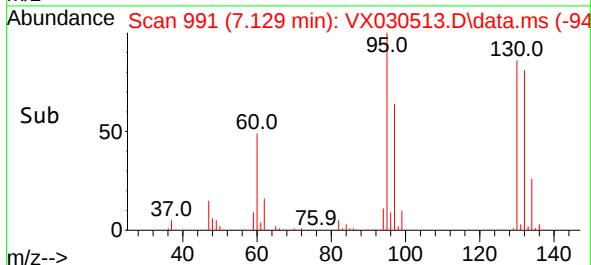
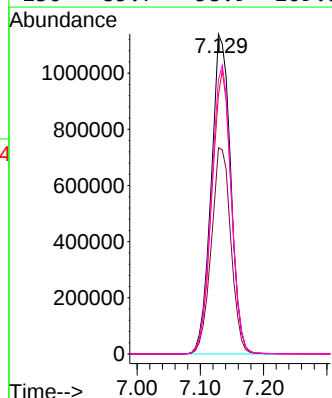
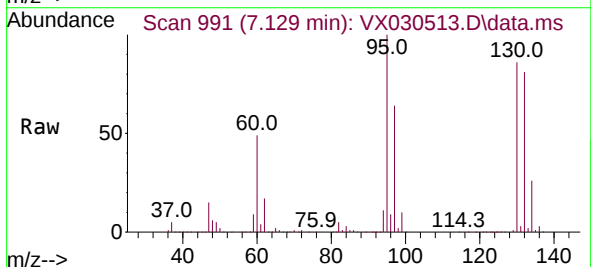
Ion Ratio Lower Upper

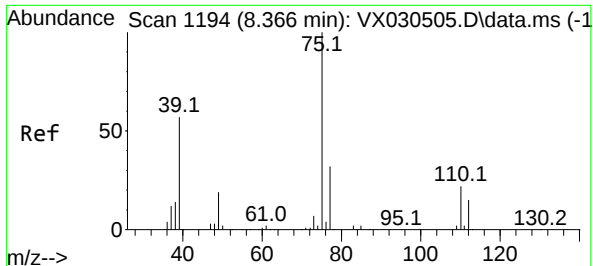
95 100

97 64.4 40.2 74.6

132 80.9 55.3 102.7

130 85.7 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030513.D

Acq: 08 Aug 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

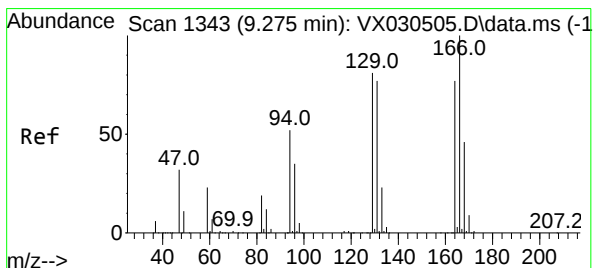
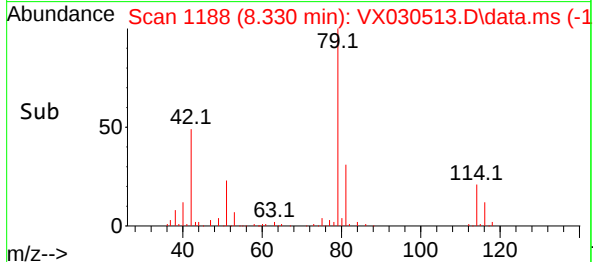
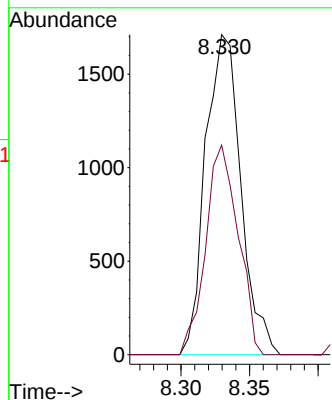
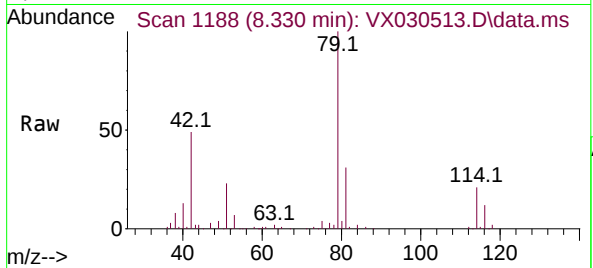
F5E26

Tgt Ion: 75 Resp: 3071

Ion Ratio Lower Upper

75 100

77 65.5 22.4 41.6#



#46

Tetrachloroethene

Concen: 322.516 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030513.D

Acq: 08 Aug 2022 15:29

Tgt Ion: 164 Resp: 495915

Ion Ratio Lower Upper

164 100

129 95.8 72.7 135.1

131 92.2 69.9 129.9

166 120.4 88.3 164.1

