

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009890.D
 Acq On : 10 Apr 2019 20:11
 Operator : SY/VA
 Sample : K2340-13
 Misc : 5.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N7

Quant Time: Apr 11 03:48:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126345	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.84%
7) Chloroethane-d5	2.89	69	121842	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
10) 1,1-Dichloroethene-d2	4.01	63	243537	16.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.28%
20) 2-Butanone-d5	7.07	46	117934	52.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.68%
24) Chloroform-d	7.65	84	368245	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	8.40	65	204	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	657865	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.27	67	212870	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.60%
37) Toluene-d8	10.32	98	573252	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.32%
38) trans-1,3-Dichloropropene-	10.58	79	85964	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	10.93	63	75461	48.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193366	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	211518	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

Target Compounds

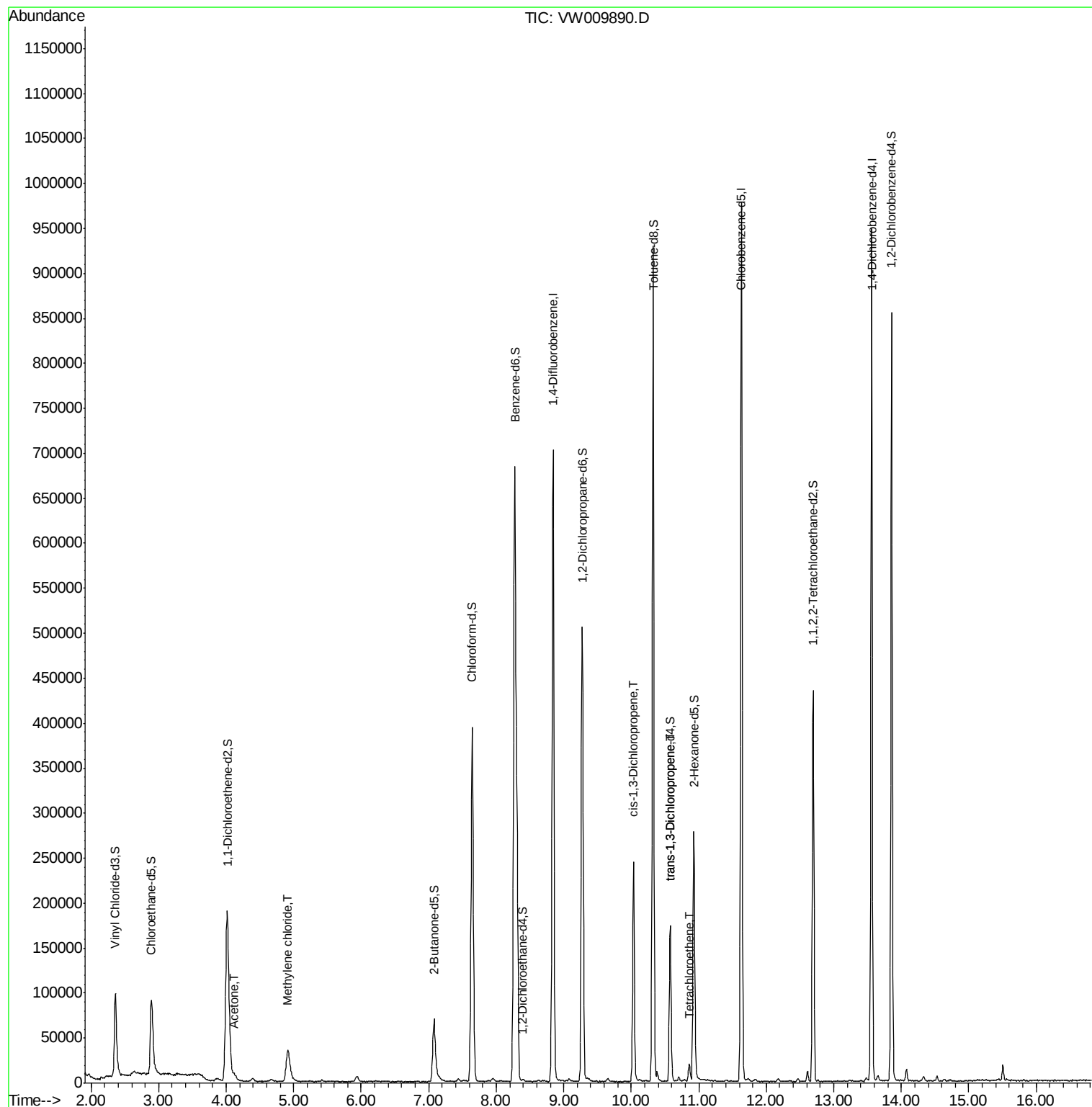
					Qvalue
13) Acetone	4.12	43	8762	3.629 ug/L	98
16) Methylene chloride	4.92	84	17395	1.860 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	6651	0.545 ug/L #	78
45) trans-1,3-Dichloropropene	10.57	75	5174	0.491 ug/L #	72
47) Tetrachloroethene	10.86	164	3638	0.573 ug/L	90

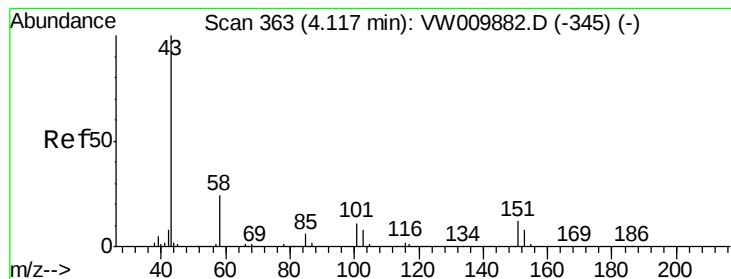
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.629 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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ClientSampleId :

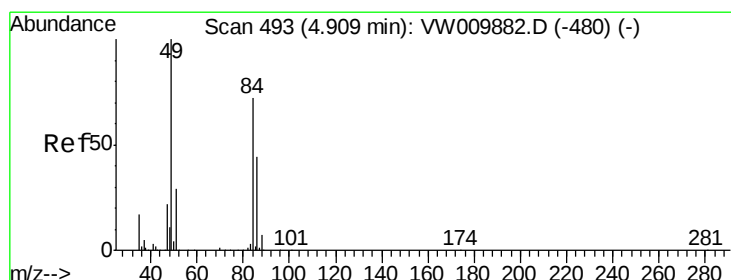
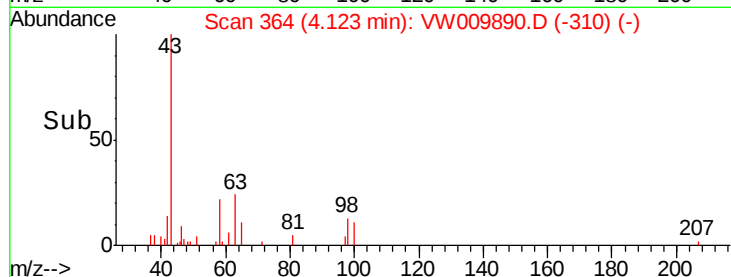
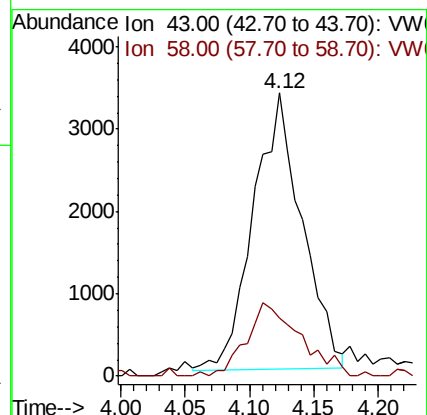
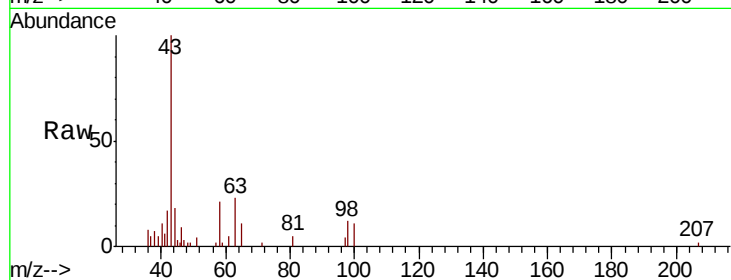
BF2N7

Tgt Ion: 43 Resp: 8762

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.0



#16

Methylene chloride

Concen: 1.860 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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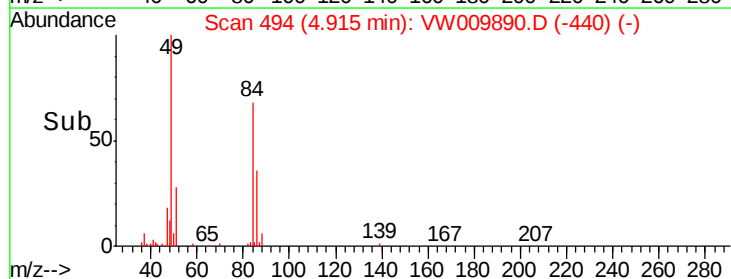
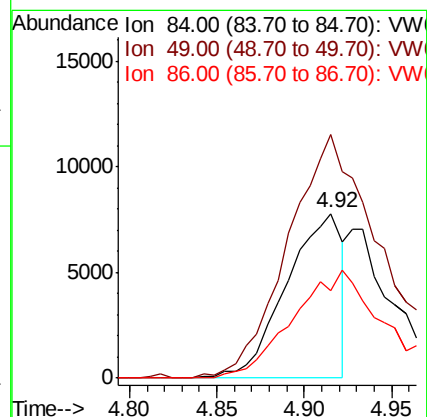
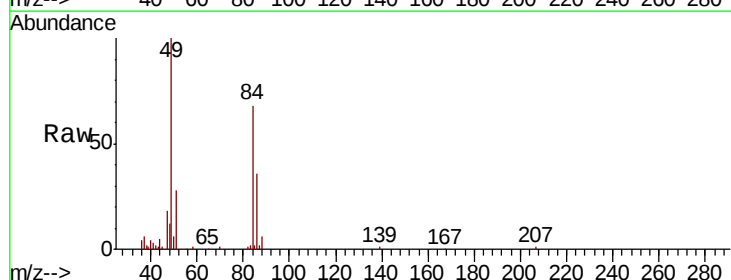
Tgt Ion: 84 Resp: 17395

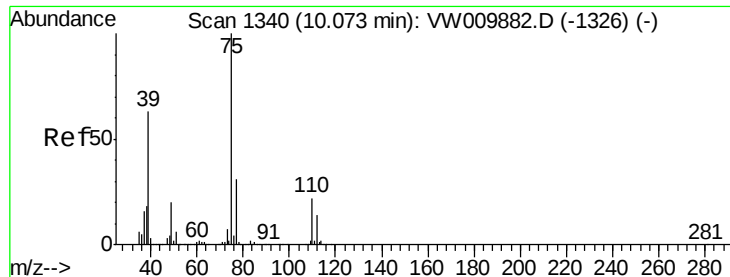
Ion Ratio Lower Upper

84 100

49 147.7 98.3 182.5

86 53.2 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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ClientSampleId :

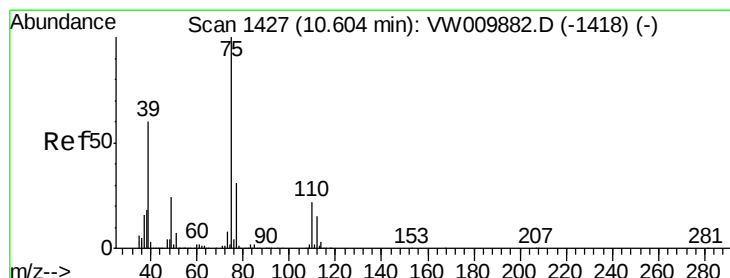
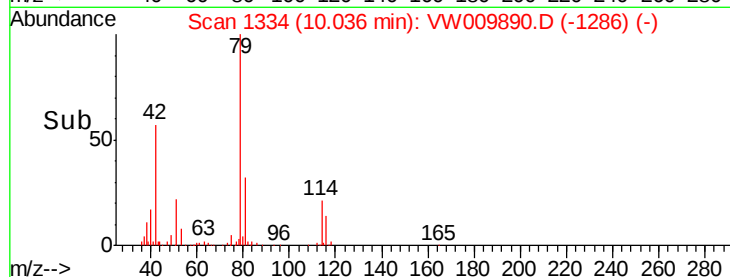
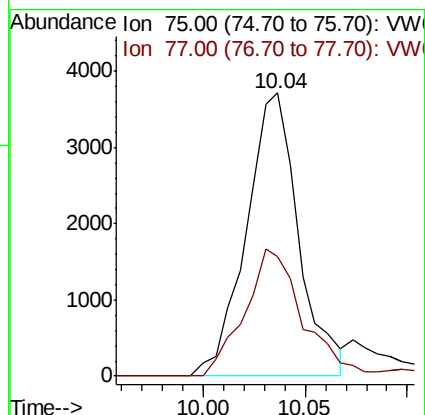
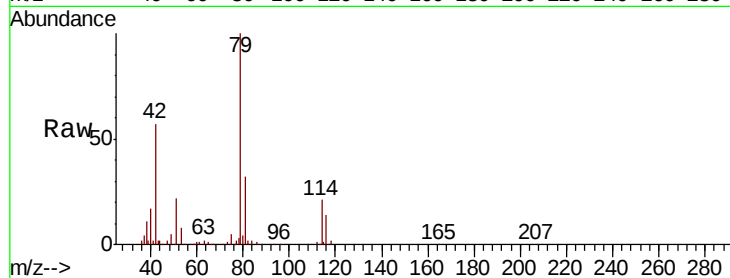
BF2N7

Tgt Ion: 75 Resp: 6651

Ion Ratio Lower Upper

75 100

77 42.1 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009890.D

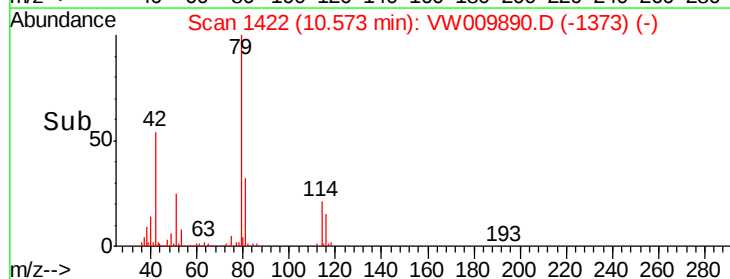
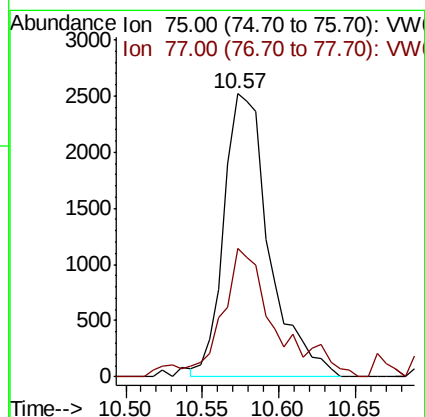
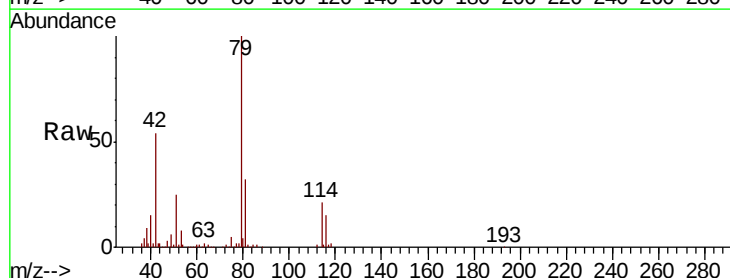
Acq: 10 Apr 2019 20:11

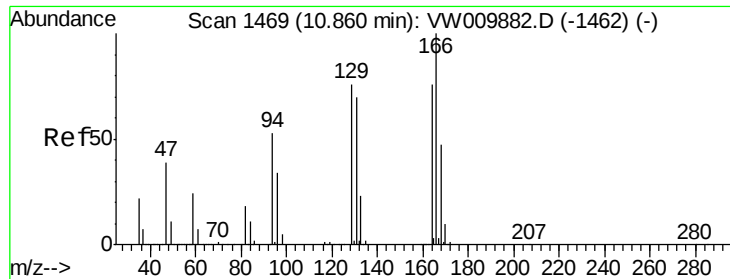
Tgt Ion: 75 Resp: 5174

Ion Ratio Lower Upper

75 100

77 45.2 21.1 39.3#





#47

Tetrachloroethene

Concen: 0.573 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009890.D

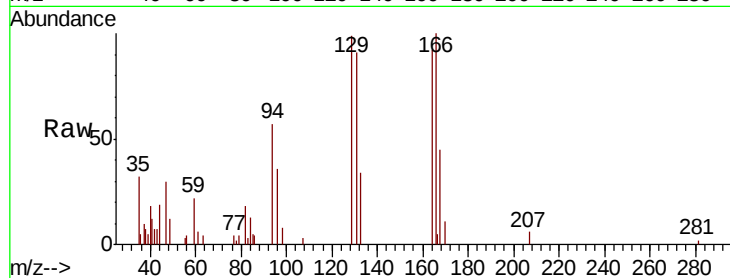
Acq: 10 Apr 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

BF2N7



Tgt Ion:164 Resp: 3638

Ion Ratio Lower Upper

164 100

129 108.0 68.9 127.9

131 99.4 63.1 117.1

166 115.2 88.5 164.4

