

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010084.D
 Acq On : 22 Apr 2019 16:06
 Operator : SY/VA
 Sample : K2455-12
 Misc : 5.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR2

Quant Time: Apr 23 06:09:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	809108	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	748344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354218	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152573	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
7) Chloroethane-d5	2.89	69	127773	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.00%
10) 1,1-Dichloroethene-d2	4.01	63	325094	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.07	46	140524	33.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.94%
24) Chloroform-d	7.64	84	453603	19.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.56%
26) 1,2-Dichloroethane-d4	8.31	65	256552	17.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.72%
29) Benzene-d6	8.27	84	893196	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	279315	21.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.28%
37) Toluene-d8	10.32	98	811299	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	115166	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.16%
39) 2-Hexanone-d5	10.93	63	106450	36.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212243	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	283151	21.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.04%

Target Compounds

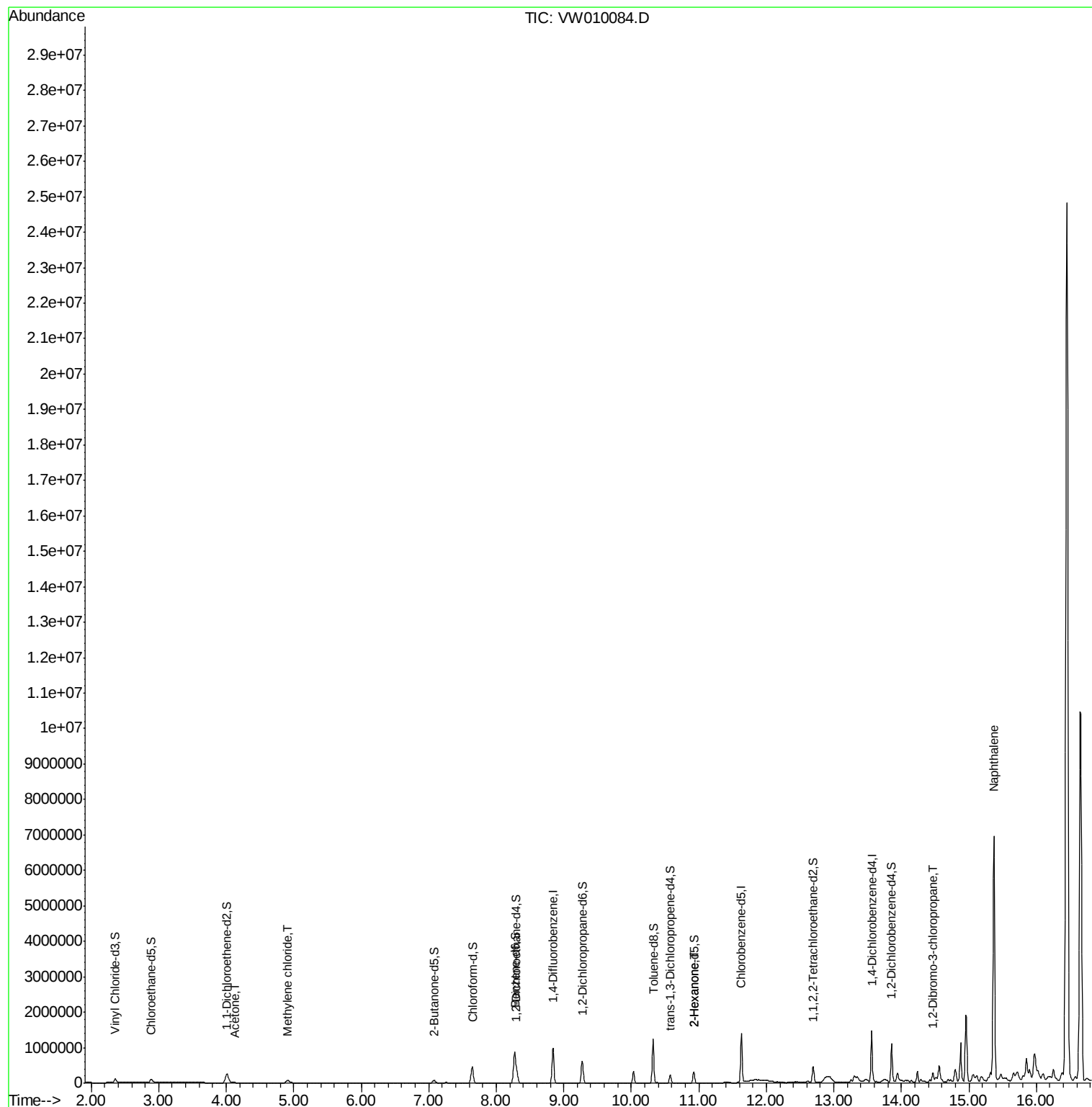
					Qvalue
13) Acetone	4.12	43	27005	7.342 ug/L	98
16) Methylene chloride	4.92	84	66319	4.527 ug/L	94
49) 2-Hexanone	10.93	43	13525	1.983 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.47	75	3565	1.678 ug/L #	13
69) Naphthalene	15.37	128	5727368	207.802 ug/L	99

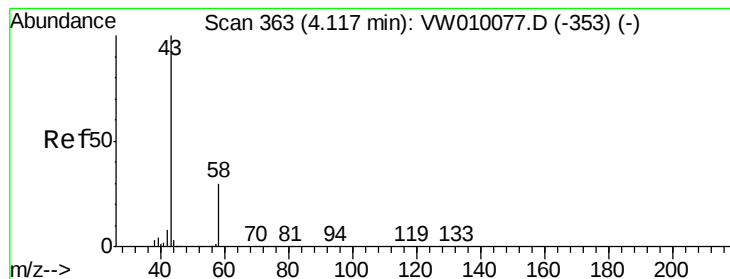
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
Data File : VW010084.D
Acq On : 22 Apr 2019 16:06
Operator : SY/VA
Sample : K2455-12
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR2

Quant Time: Apr 23 06:09:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:06:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.342 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010084.D

Acq: 22 Apr 2019 16:06

Instrument :

MSVOA_W

ClientSampled :

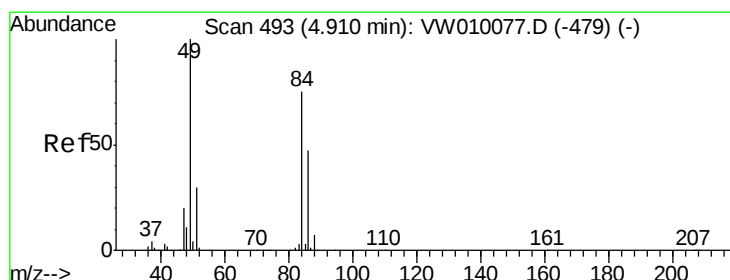
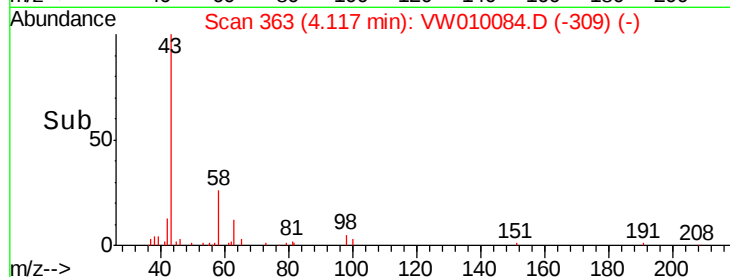
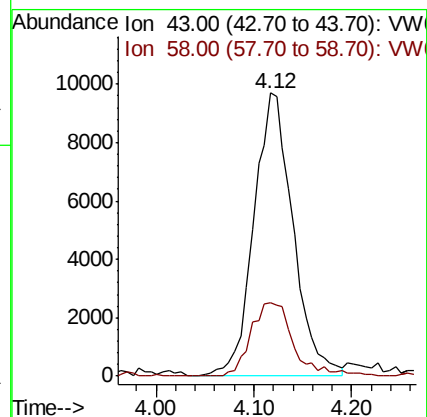
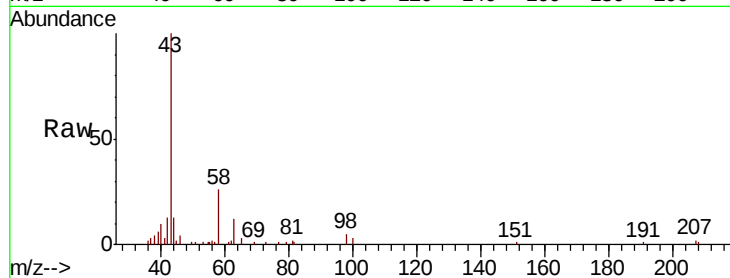
GAHR2

Tgt Ion: 43 Resp: 27005

Ion Ratio Lower Upper

43 100

58 27.2 0.0 56.2



#16

Methylene chloride

Concen: 4.527 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW010084.D

Acq: 22 Apr 2019 16:06

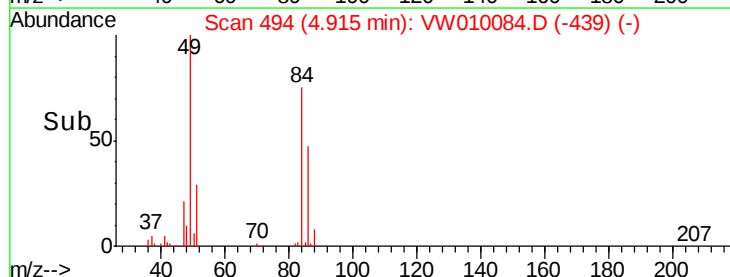
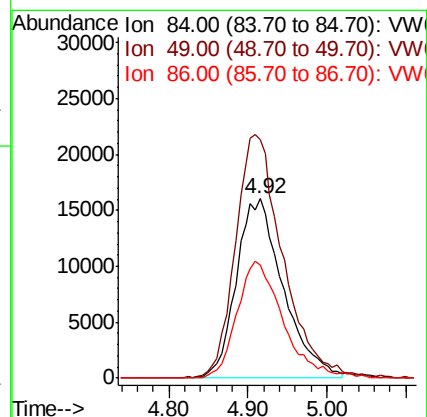
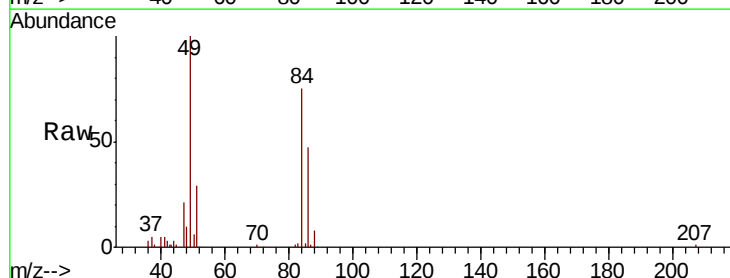
Tgt Ion: 84 Resp: 66319

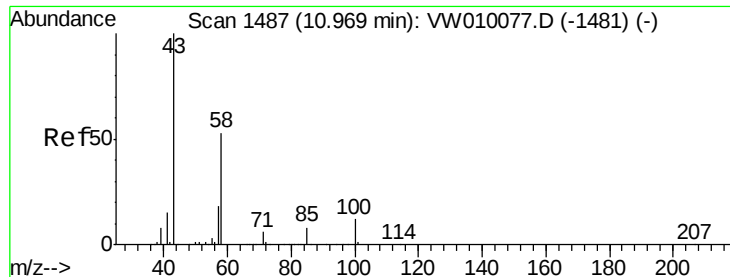
Ion Ratio Lower Upper

84 100

49 133.2 100.7 187.1

86 62.9 43.8 81.3





#49

2-Hexanone

Concen: 1.983 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010084.D

Acq: 22 Apr 2019 16:06

Instrument :

MSVOA_W

ClientSampleId :

GAHR2

Tgt Ion: 43 Resp: 13525

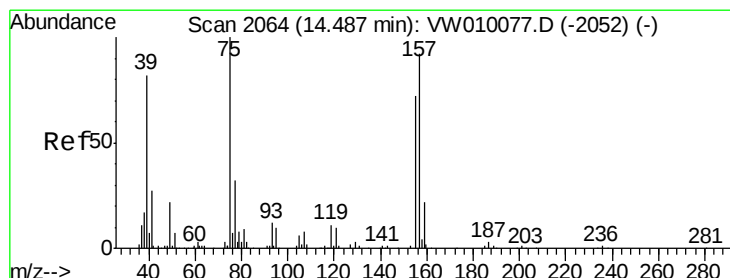
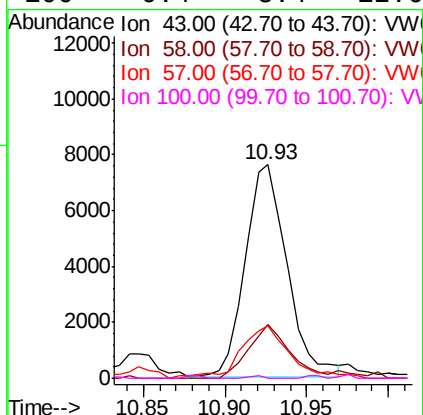
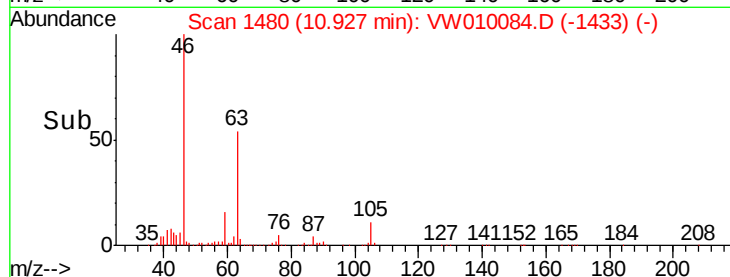
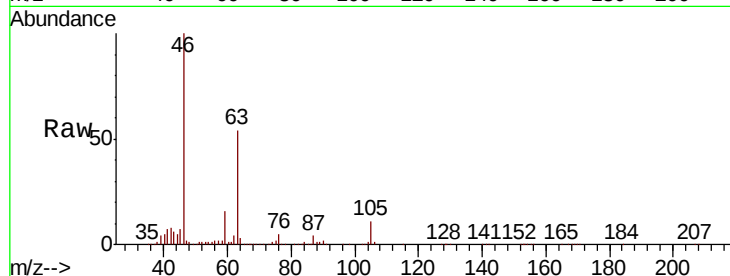
Ion Ratio Lower Upper

43 100

58 24.9 39.8 59.8#

57 23.6 14.1 21.1#

100 0.4 8.4 12.6#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.678 ug/L

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW010084.D

Acq: 22 Apr 2019 16:06

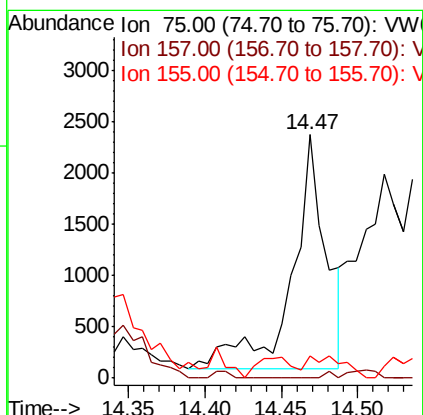
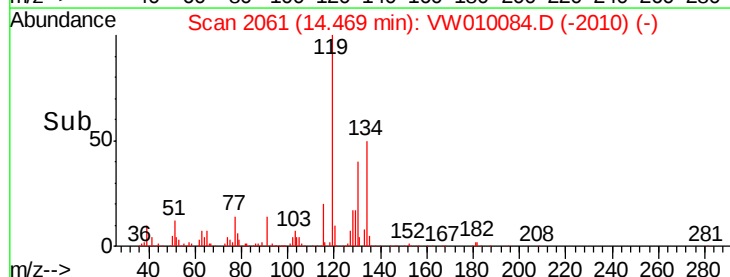
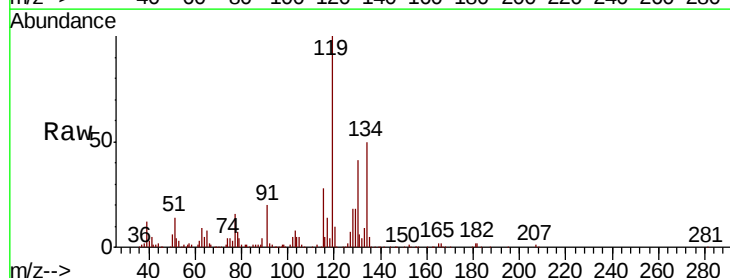
Tgt Ion: 75 Resp: 3565

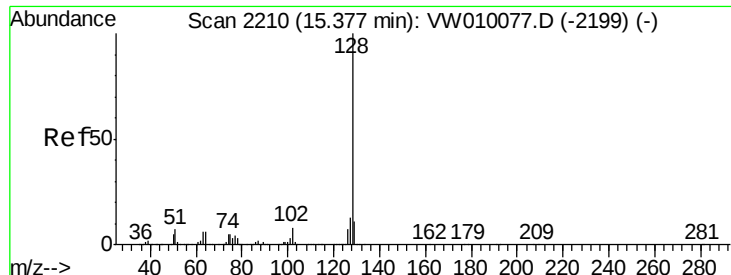
Ion Ratio Lower Upper

75 100

157 0.0 73.3 109.9#

155 8.9 58.6 88.0#





#69

Naphthalene

Concen: 207.802 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW010084.D

Acq: 22 Apr 2019 16:06

Instrument :

MSVOA_W

ClientSampleId :

GAHR2

Tgt Ion:128 Resp: 5727368

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 13.3 10.6 16.0

