

Data File : VV012738.D
Acq On : 13 Sep 2019 20:20
Operator : SY/MD
Sample : K4707-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0CJ2

Quant Time: Sep 14 00:22:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	752287	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	698944	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	260716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205485	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	192053	50.33	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.13	63	308789	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.92	46	464251	105.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	4.40	84	515888	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
26) 1,2-Dichloroethane-d4	5.08	65	330836	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.10	84	973674	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	351281	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.76%
41) Toluene-d8	7.36	98	840432	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%
43) trans-1,3-Dichloropropene-	7.66	79	138430	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.13	63	239393	94.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.81%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	383510	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	339580	57.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.14%

Target Compounds

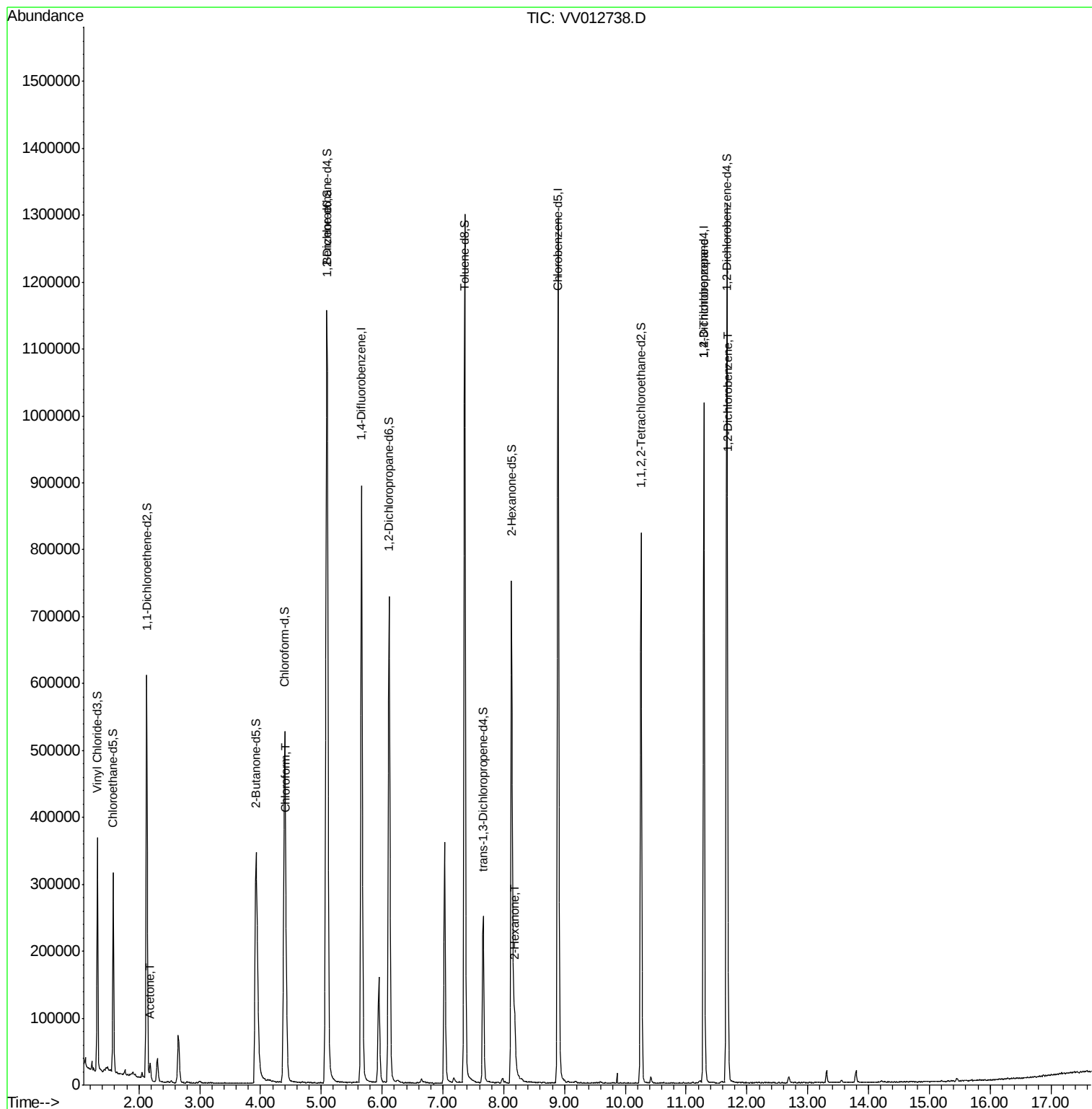
					Qvalue
13) Acetone	2.19	43	13732	3.763 ug/L	94
25) Chloroform	4.42	83	56983	5.789 ug/L	96
48) 2-Hexanone	8.18	43	62396	10.164 ug/L #	82
59) 1,2,3-Trichloropropane	11.29	75	32101	4.613 ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	49432	5.838 ug/L	96

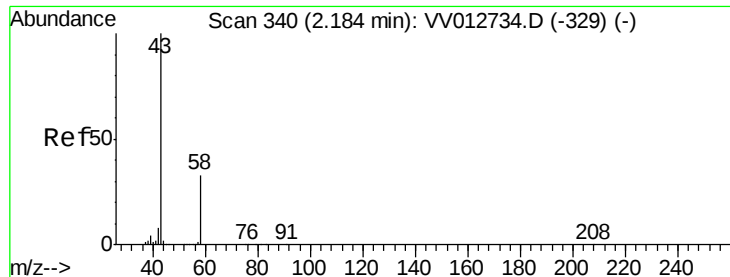
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.763 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 13 Sep 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

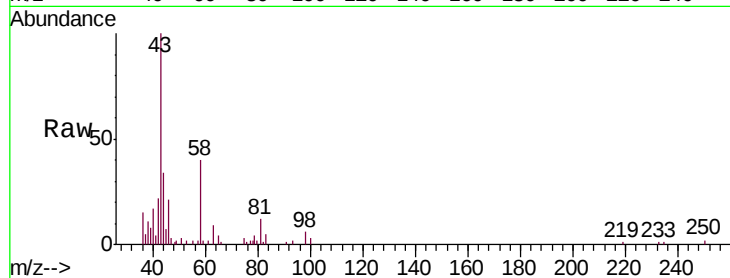
C0CJ2

Tgt Ion: 43 Resp: 13732

Ion Ratio Lower Upper

43 100

58 36.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

8000

6000

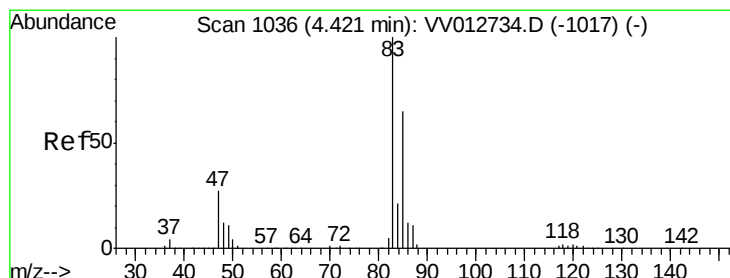
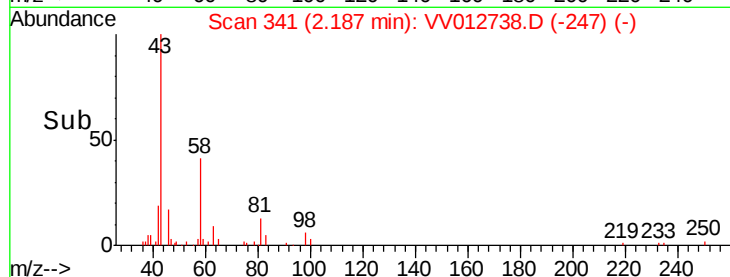
4000

2000

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 5.789 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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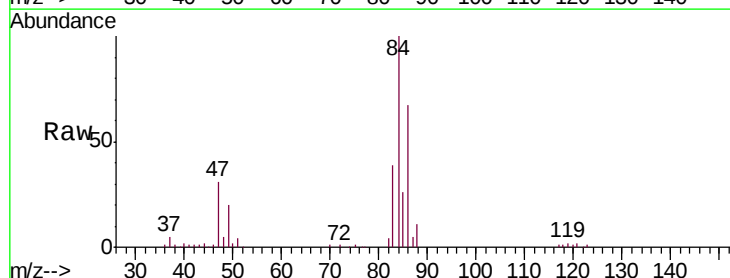
Acq: 13 Sep 2019 20:20

Tgt Ion: 83 Resp: 56983

Ion Ratio Lower Upper

83 100

85 67.3 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

25000

20000

15000

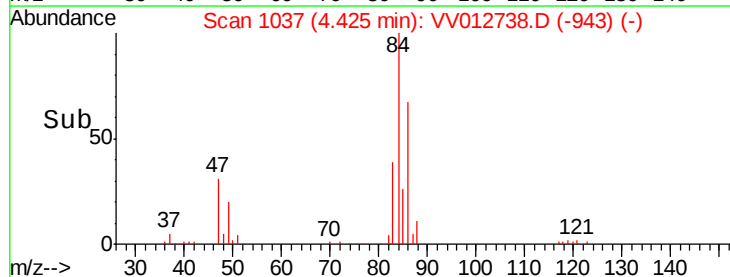
10000

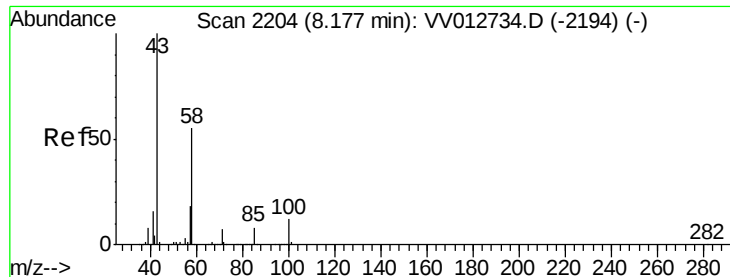
5000

0

Time-->

4.30 4.35 4.40 4.45 4.50

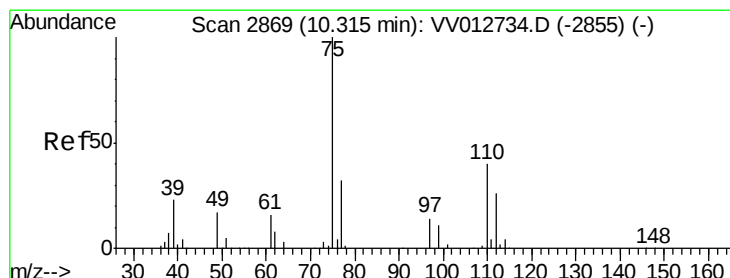
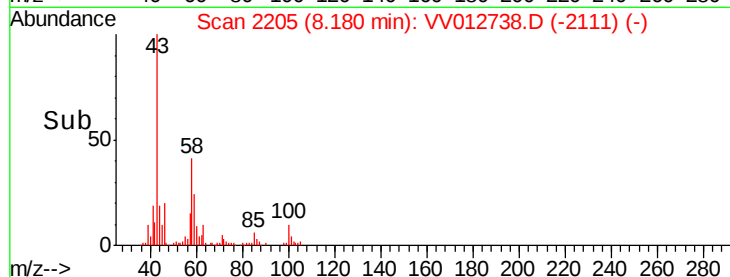
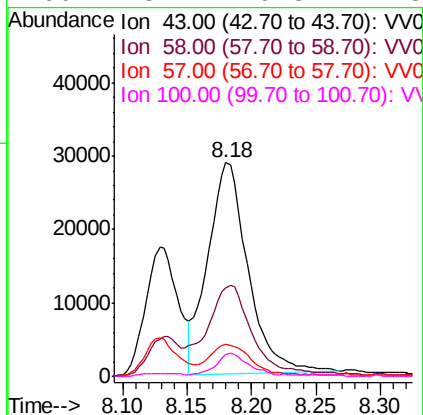
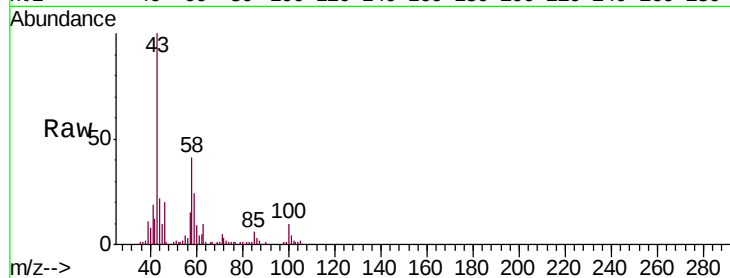




#48
2-Hexanone
Concen: 10.164 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV012738.D
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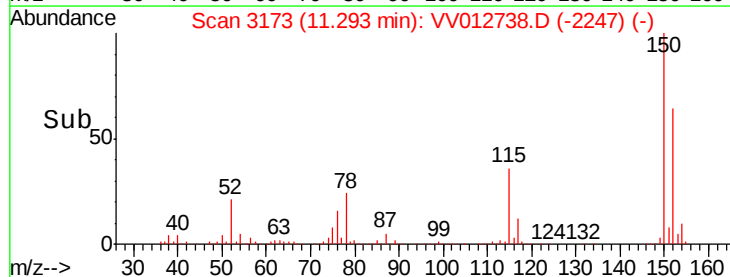
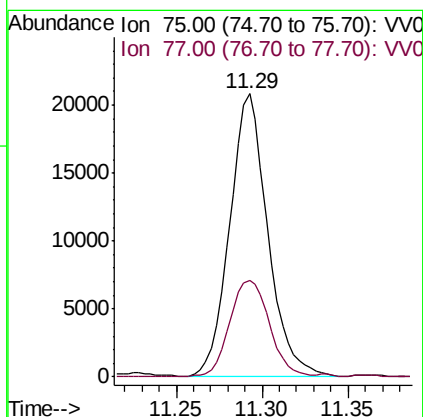
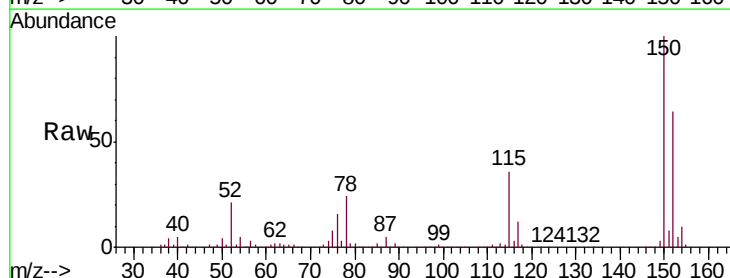
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C0CJ2

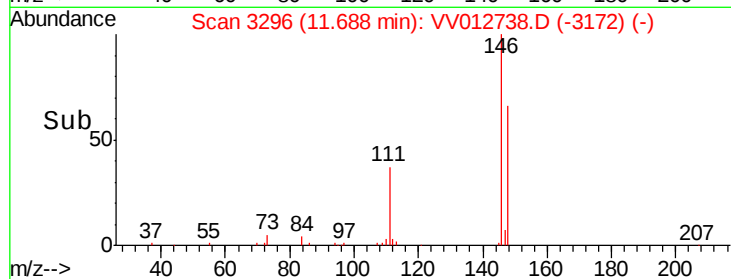
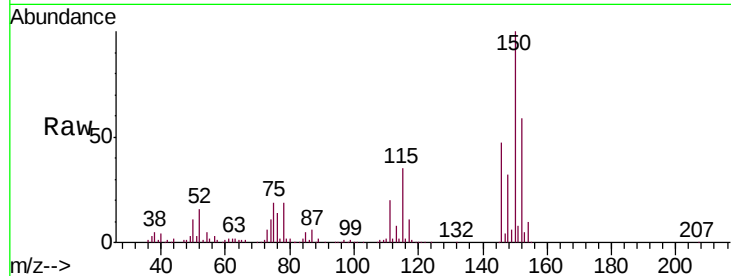
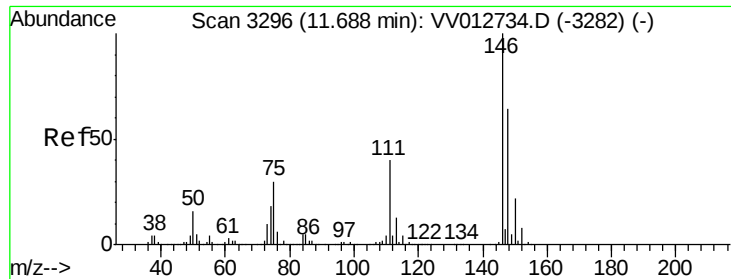
Tgt Ion: 43 Resp: 62396
Ion Ratio Lower Upper
43 100
58 38.0 43.8 65.8#
57 14.5 14.3 21.5
100 8.2 9.8 14.8#



#59
1,2,3-Trichloropropane
Concen: 4.613 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012738.D
Acq: 13 Sep 2019 20:20

Tgt Ion: 75 Resp: 32101
Ion Ratio Lower Upper
75 100
77 35.4 25.9 38.9





#65

1,2-Dichlorobenzene

Concen: 5.838 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. 0.00 min

Lab File: VV012738.D

Acq: 13 Sep 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

C0CJ2

Tgt Ion:146 Resp: 49432

Ion Ratio Lower Upper

146 100

111 42.9 32.2 48.2

148 67.8 51.5 77.3

