

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053629.D
 Acq On : 11 Apr 2023 12:48
 Operator : JC/MD
 Sample : 02251-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMC7

Quant Time: Apr 12 02:23:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

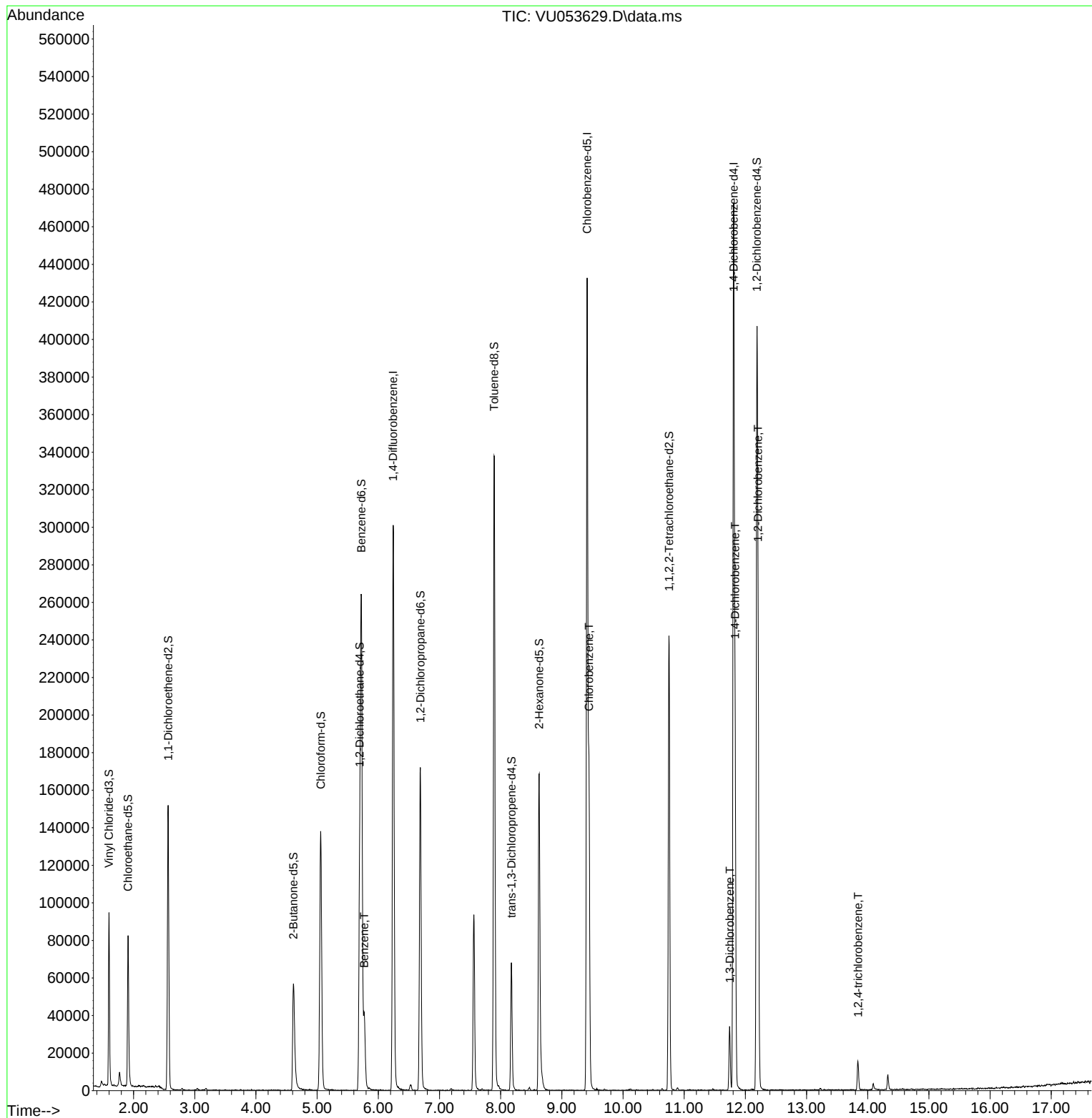
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	258654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	245966	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	123051	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69310	34.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.820%
7) Chloroethane-d5	1.909	69	61875	39.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.700%
11) 1,1-Dichloroethene-d2	2.565	63	86843	27.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.720%#
21) 2-Butanone-d5	4.613	46	82876	90.886	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.890%
24) Chloroform-d	5.060	84	127271	38.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.420%
26) 1,2-Dichloroethane-d4	5.697	65	83846	42.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.200%
32) Benzene-d6	5.723	84	262105	39.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	6.687	67	84682	41.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.460%
41) Toluene-d8	7.893	98	238956	36.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.420%#
43) trans-1,3-Dichloroprop...	8.176	79	39491	37.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.400%
47) 2-Hexanone-d5	8.629	63	61193	88.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.350%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	120180	42.018	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.040%
66) 1,2-Dichlorobenzene-d4	12.189	152	98485	38.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.680%#
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	40004	6.242	ug/L	100
51) Chlorobenzene	9.443	112	90668	18.120	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	14416	3.792	ug/L	92
65) 1,4-Dichlorobenzene	11.832	146	75754	19.553	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	79071	20.870	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	5444	2.086	ug/L	96

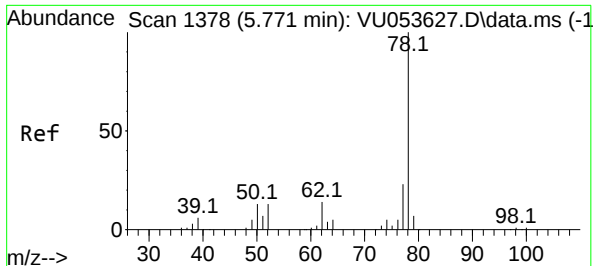
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 6.242 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053629.D

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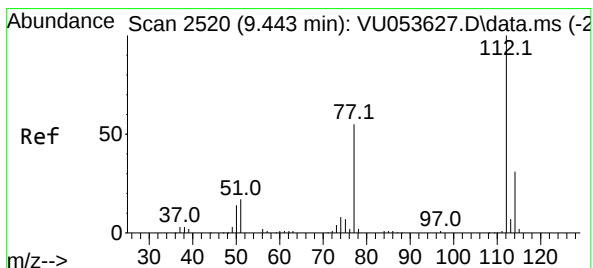
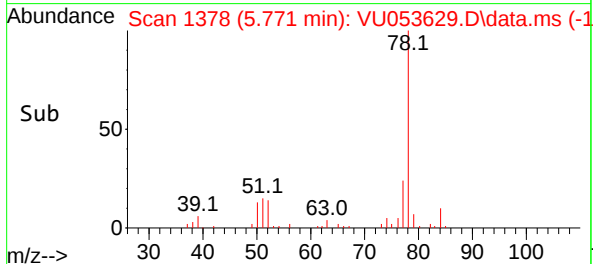
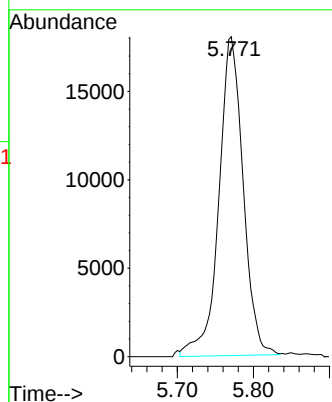
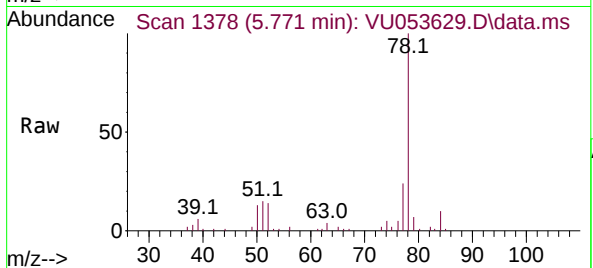
Instrument :

MSVOA_U

ClientSampleId :

C0MC7

Tgt Ion: 78 Resp: 40004



#51

Chlorobenzene

Concen: 18.120 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053629.D

Acq: 11 Apr 2023 12:48

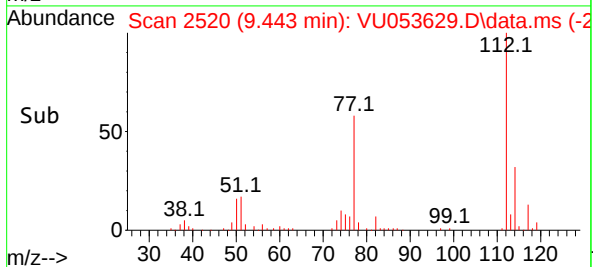
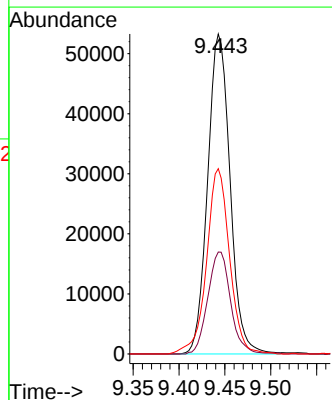
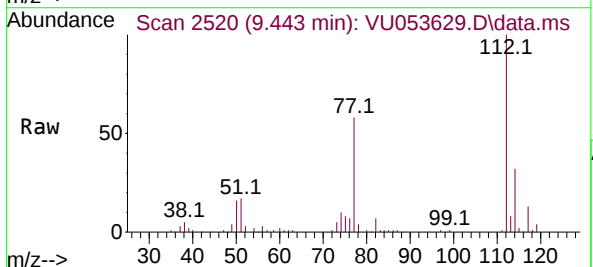
Tgt Ion: 112 Resp: 90668

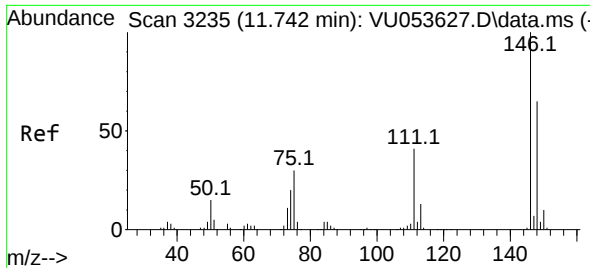
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 57.9 41.3 61.9

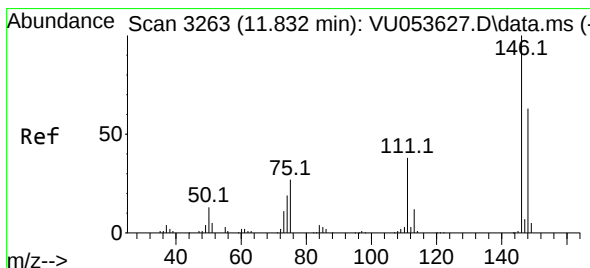
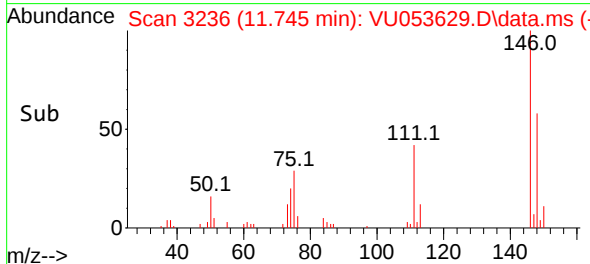
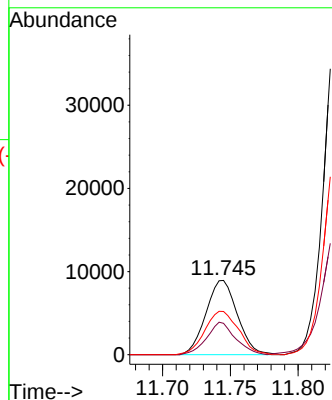
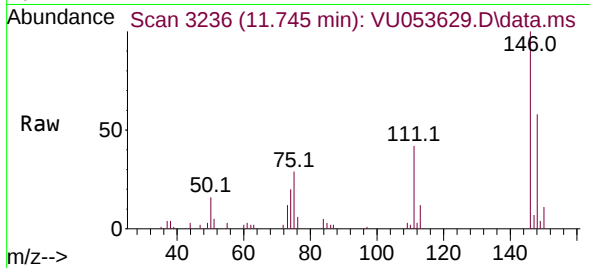




#64
1,3-Dichlorobenzene
Concen: 3.792 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053629.D
Acq: 11 Apr 2023 12:48

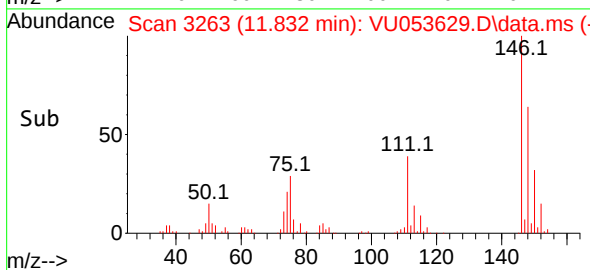
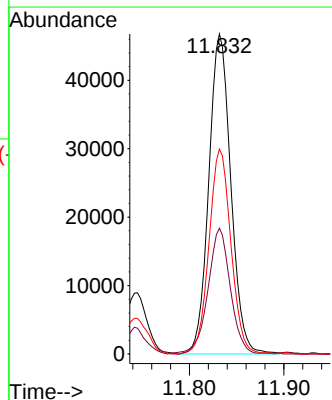
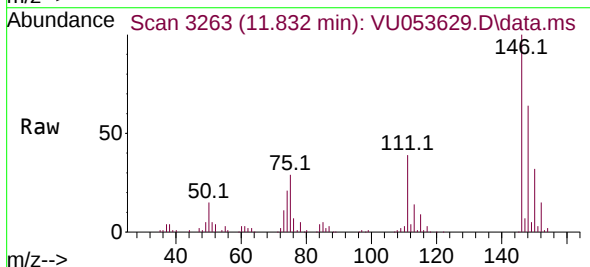
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MSVOA_U
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COMC7

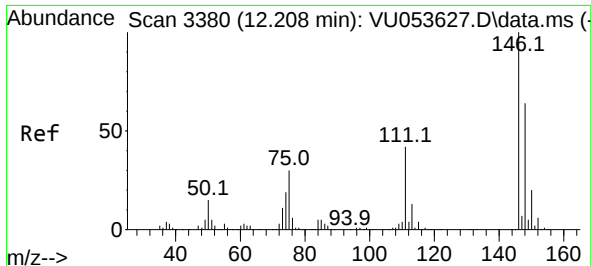
Tgt Ion:146 Resp: 14416
Ion Ratio Lower Upper
146 100
111 42.3 25.7 47.7
148 58.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 19.553 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053629.D
Acq: 11 Apr 2023 12:48

Tgt Ion:146 Resp: 75754
Ion Ratio Lower Upper
146 100
111 39.3 25.1 46.5
148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 20.870 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053629.D

Acq: 11 Apr 2023 12:48

Instrument :

MSVOA_U

ClientSampleId :

C0MC7

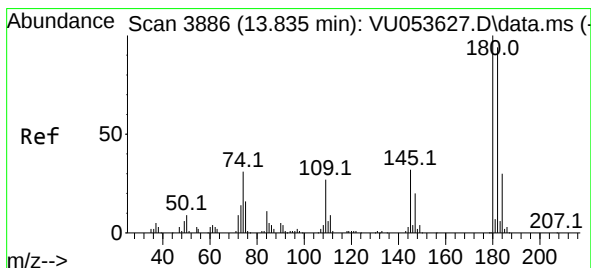
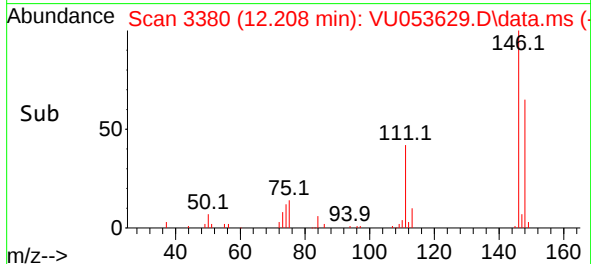
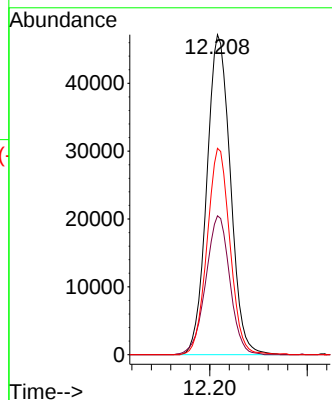
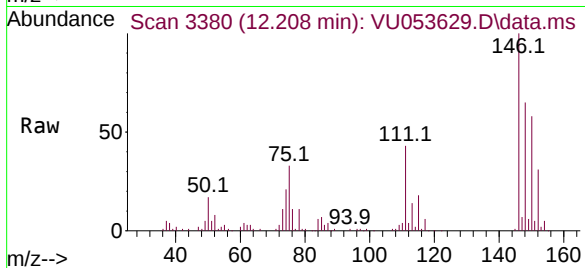
Tgt Ion:146 Resp: 79071

Ion Ratio Lower Upper

146 100

111 43.4 31.5 47.3

148 64.5 51.6 77.4



#70

1,2,4-trichlorobenzene

Concen: 2.086 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053629.D

Acq: 11 Apr 2023 12:48

Tgt Ion:180 Resp: 5444

Ion Ratio Lower Upper

180 100

182 99.0 75.8 113.8

145 31.8 23.4 35.2

