

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031999.D
 Acq On : 09 Sep 2023 14:39
 Operator : SY/MD
 Sample : 04267-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4D7

Quant Time: Sep 09 21:54:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

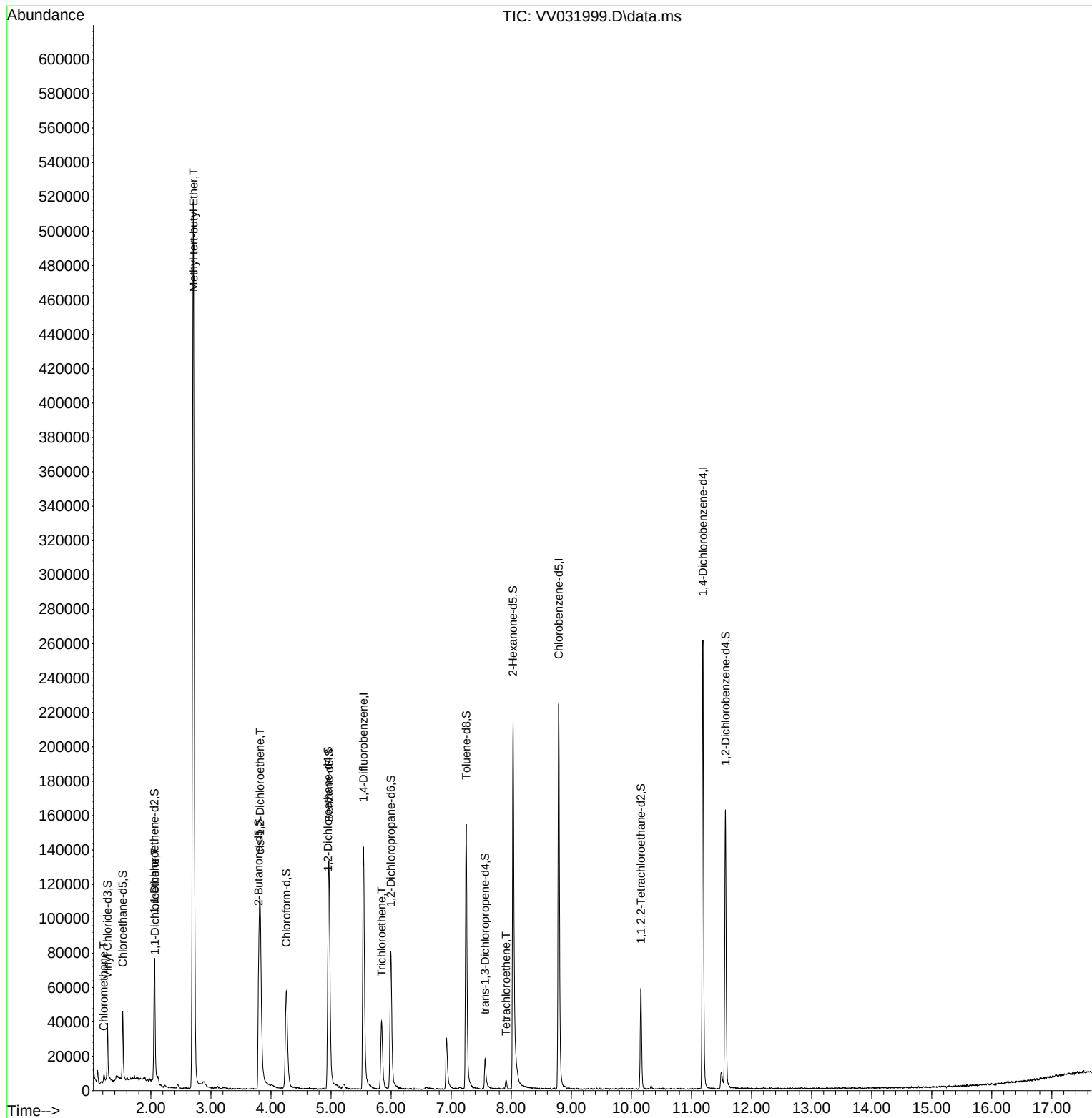
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	122024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	121956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20472	4.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.532	69	25574	5.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.060	65	12087	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	3.796	46	99635	49.942	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.880%	
24) Chloroform-d	4.256	84	60560	4.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	4.950	65	32118	4.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	4.966	84	121888	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	5.995	67	43112	4.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.249	98	106395	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.564	79	10970	3.074	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.400%	
46) 2-Hexanone-d5	8.030	63	78390	41.202	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.400%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30103	4.288	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	39059	3.683	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.600%#	
Target Compounds						
3) Chloromethane	1.217	50	2017	0.270	ug/L	100
12) 1,1-Dichloroethene	2.069	96	2103	0.383	ug/L #	1
17) Methyl tert-butyl Ether	2.709	73	517222	30.348	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	45691	6.370	ug/L	94
34) Trichloroethene	5.841	95	14495	1.765	ug/L	97
47) Tetrachloroethene	7.915	164	1125	0.214	ug/L	94

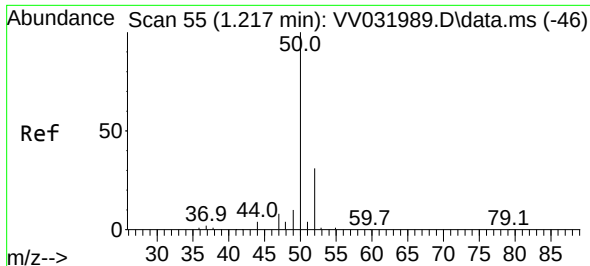
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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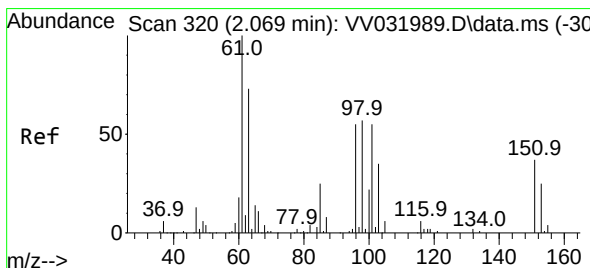
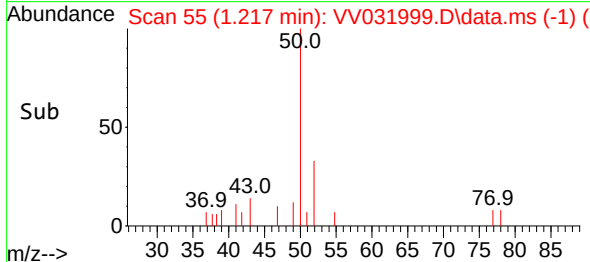
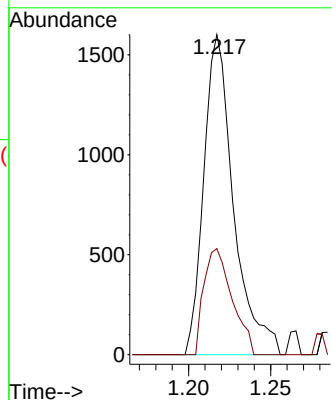
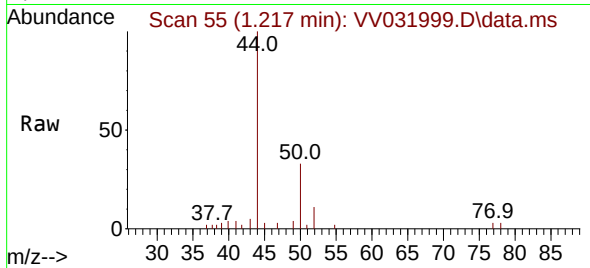




#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031999.D
Acq: 09 Sep 2023 14:39

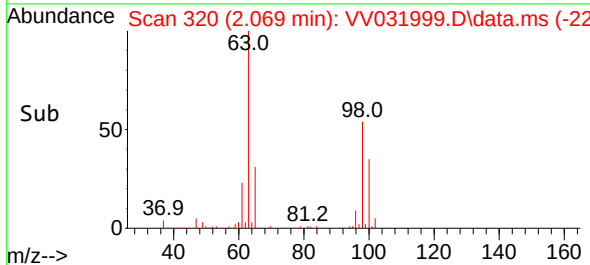
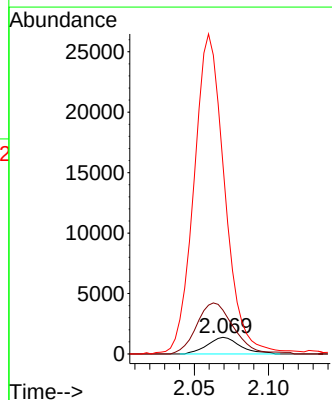
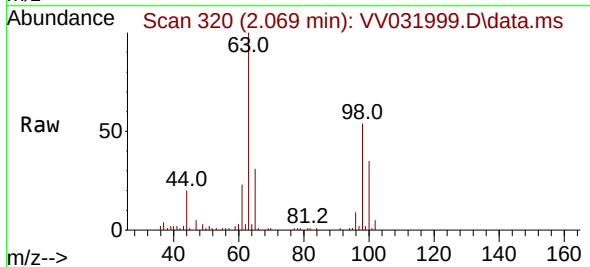
Instrument :
MSVOA_V
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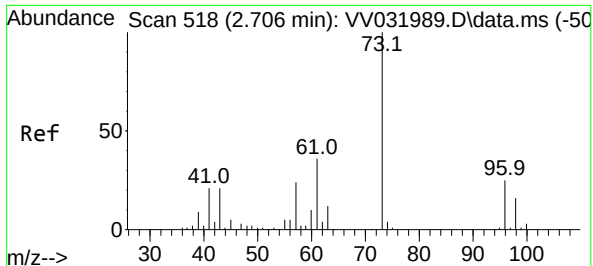
Tgt Ion: 50 Resp: 2017
Ion Ratio Lower Upper
50 100
52 33.2 23.3 43.3



#12
1,1-Dichloroethene
Concen: 0.383 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV031999.D
Acq: 09 Sep 2023 14:39

Tgt Ion: 96 Resp: 2103
Ion Ratio Lower Upper
96 100
61 263.9 129.0 239.6#
63 1144.1 99.0 183.8#





#17

Methyl tert-butyl Ether

Concen: 30.348 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV031999.D

Acq: 09 Sep 2023 14:39

Instrument :

MSVOA_V

ClientSampleId :

BH4D7

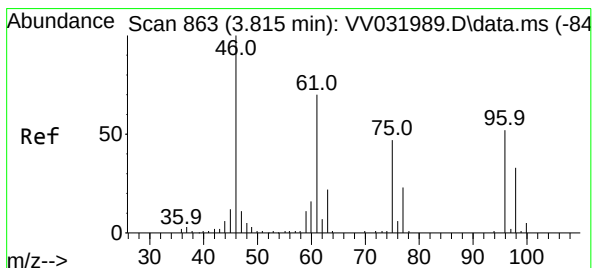
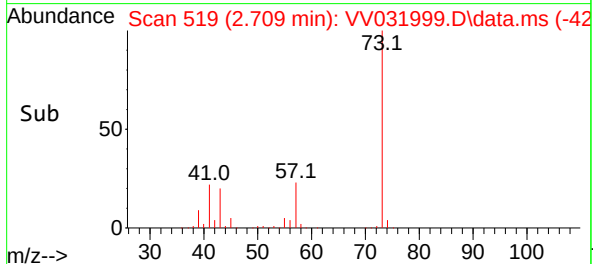
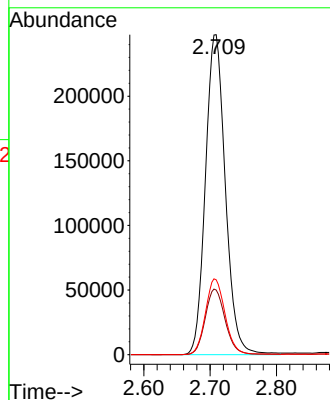
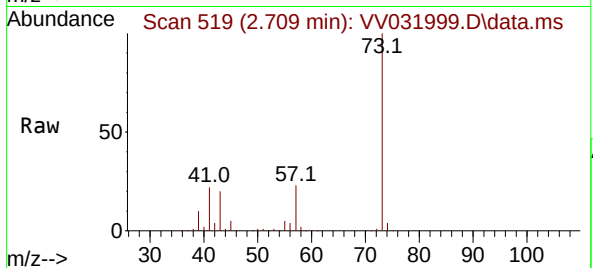
Tgt Ion: 73 Resp: 517222

Ion Ratio Lower Upper

73 100

43 20.4 15.6 23.4

57 23.4 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 6.370 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV031999.D

Acq: 09 Sep 2023 14:39

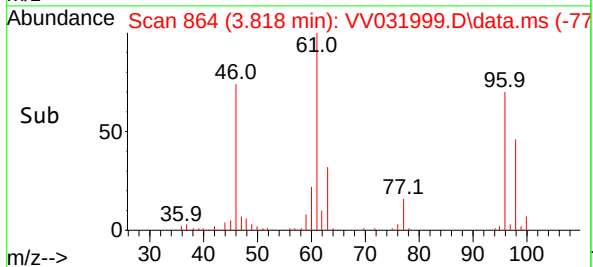
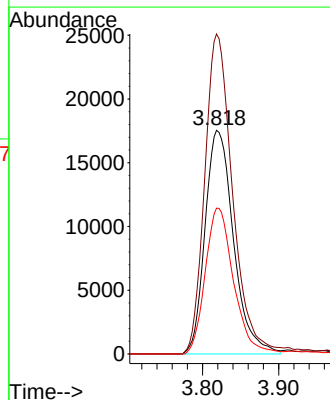
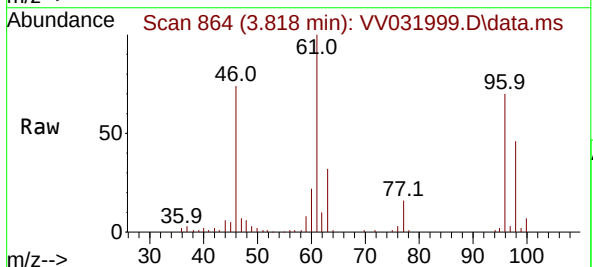
Tgt Ion: 96 Resp: 45691

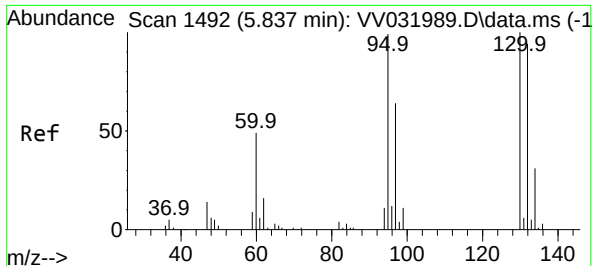
Ion Ratio Lower Upper

96 100

61 143.1 94.1 174.8

98 65.2 43.8 81.4





#34

Trichloroethene

Concen: 1.765 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031999.D

Acq: 09 Sep 2023 14:39

Instrument :

MSVOA_V

ClientSampleId :

BH4D7

Tgt Ion: 95 Resp: 14495

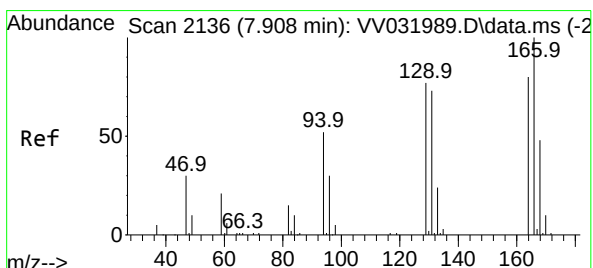
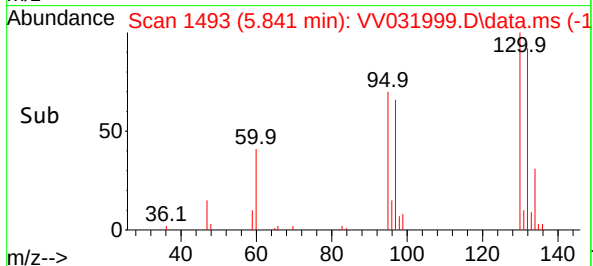
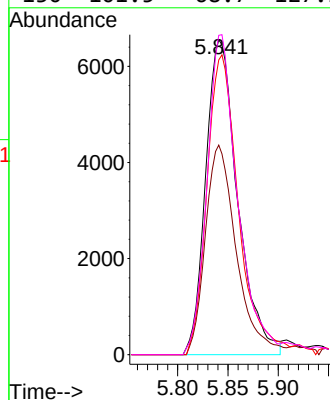
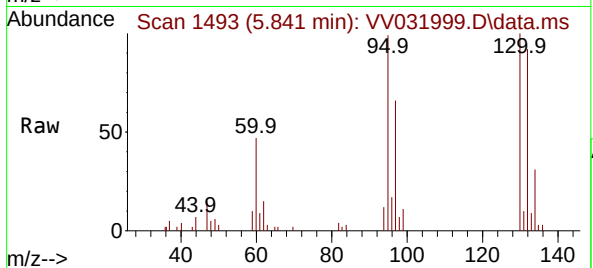
Ion Ratio Lower Upper

95 100

97 66.6 47.7 88.7

132 93.6 63.8 118.4

130 101.5 68.7 127.5



#47

Tetrachloroethene

Concen: 0.214 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VV031999.D

Acq: 09 Sep 2023 14:39

Tgt Ion:164 Resp: 1125

Ion Ratio Lower Upper

164 100

129 111.8 70.6 131.2

131 93.4 64.6 120.0

166 131.2 88.3 164.1

