

Data File : VV012955.D
Acq On : 23 Sep 2019 23:47
Operator : SY/MD
Sample : K4984-10
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEDL4

Quant Time: Sep 24 07:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	764403	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	754811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	356430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	238552	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	1.58	69	214709	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
10) 1,1-Dichloroethene-d2	2.13	63	310843	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	3.93	46	180400	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
24) Chloroform-d	4.40	84	480902	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	285588	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	5.10	84	1006620	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	6.12	67	329131	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	7.36	98	895312	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	7.66	79	126138	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	8.13	63	131486	49.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	279993	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	348325	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

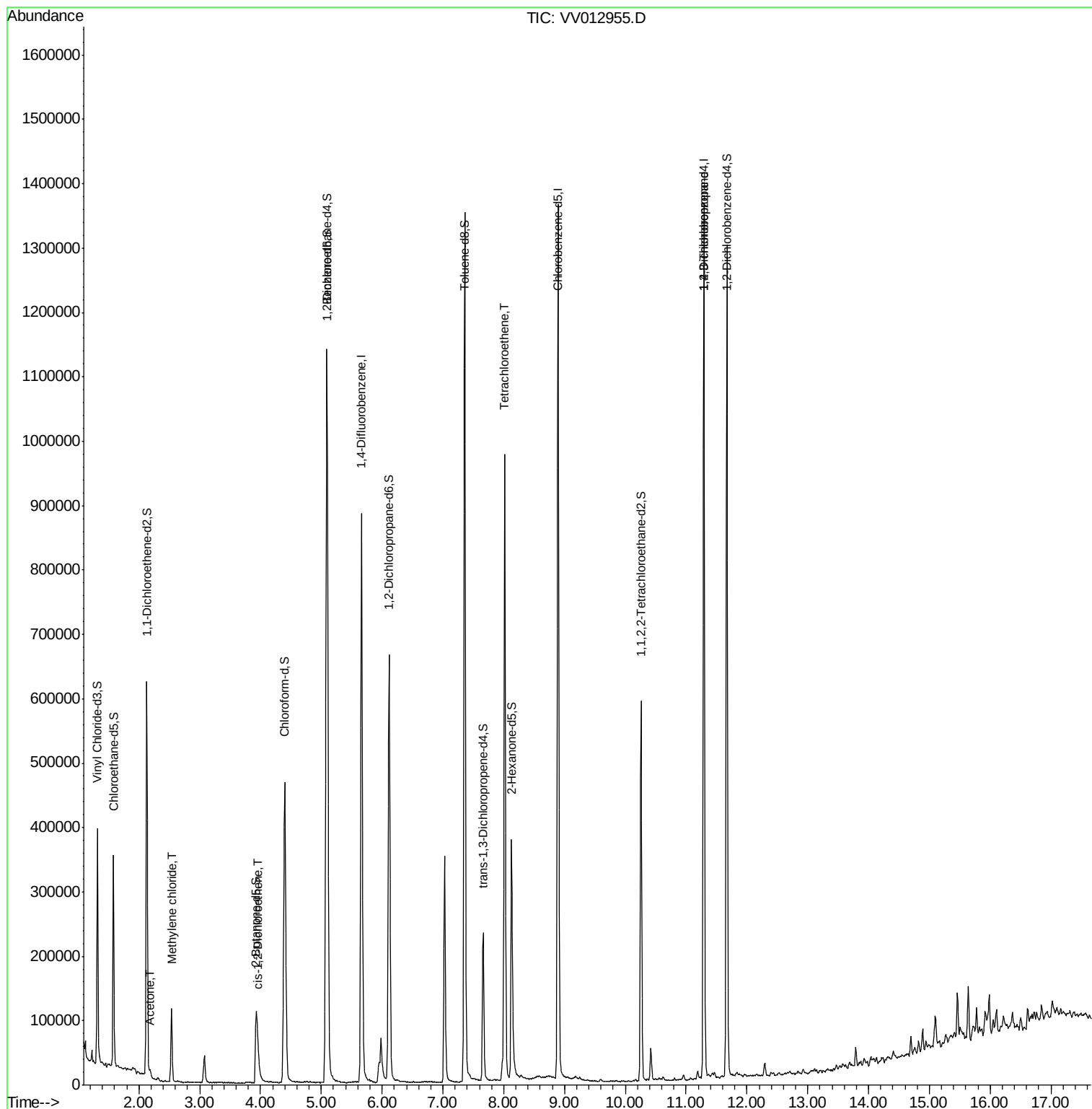
					Qvalue
13) Acetone	2.19	43	7028	1.615 ug/L	94
16) Methylene chloride	2.54	84	46489	4.069 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	12393	1.107 ug/L	87
47) Tetrachloroethene	8.02	164	229176	24.091 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	41065	4.336 ug/L	94

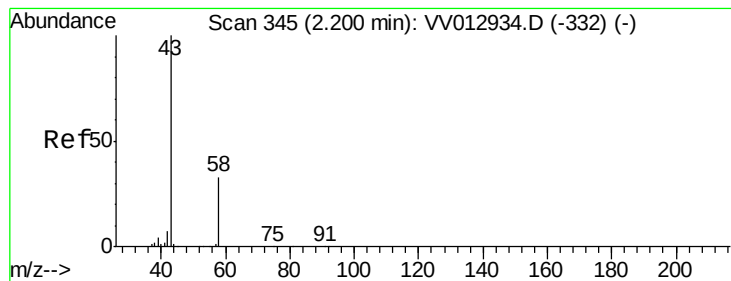
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.615 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Acq: 23 Sep 2019 23:47

Instrument :

MSVOA_V

ClientSampled :

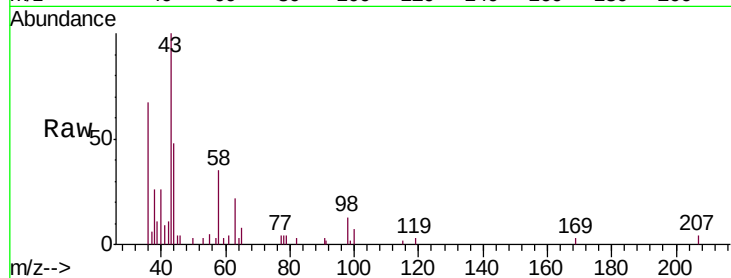
BEDL4

Tgt Ion: 43 Resp: 7028

Ion Ratio Lower Upper

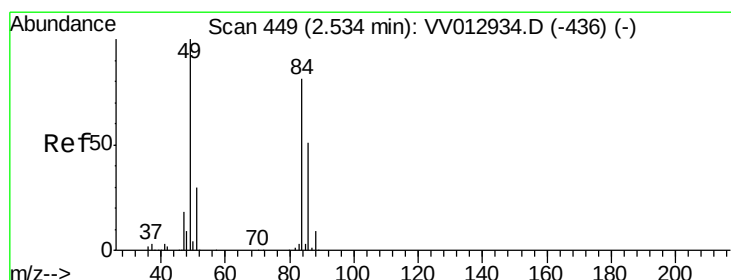
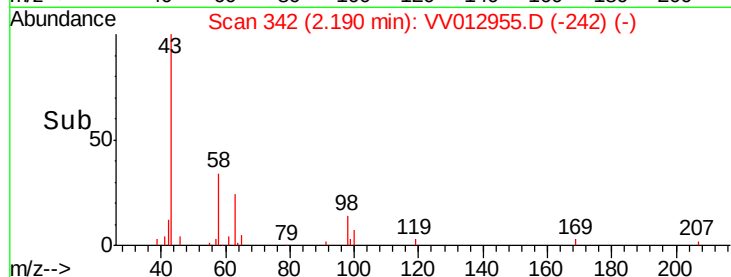
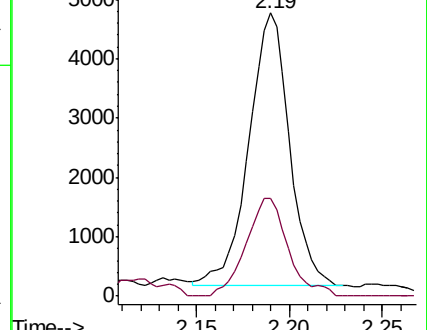
43 100

58 35.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV012934.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012934.D (-332) (-)



#16

Methylene chloride

Concen: 4.069 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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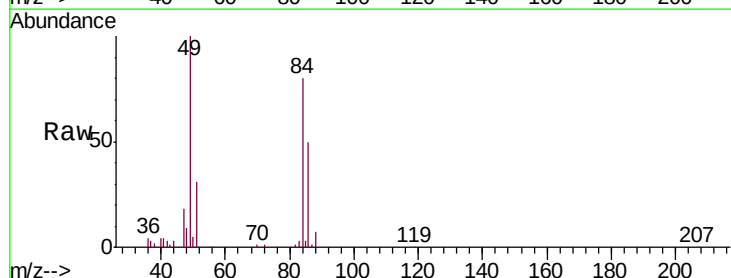
Tgt Ion: 84 Resp: 46489

Ion Ratio Lower Upper

84 100

49 124.7 88.3 164.1

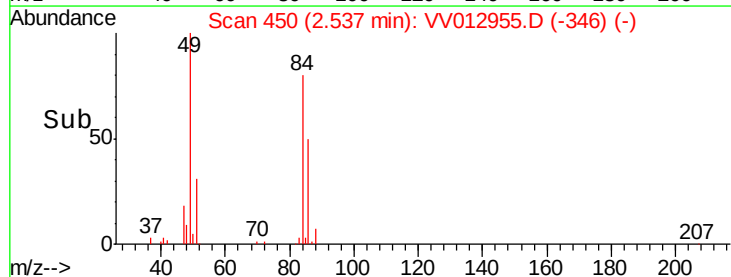
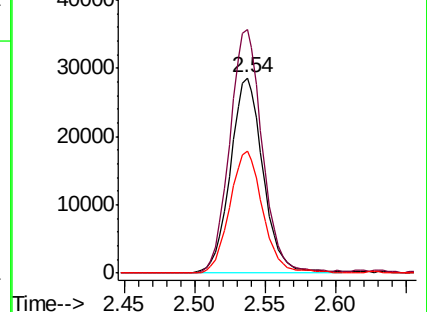
86 62.4 44.9 83.3

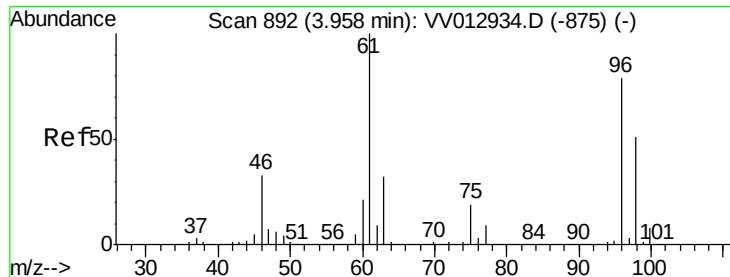


Abundance Ion 84.00 (83.70 to 84.70): VV012934.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV012934.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV012934.D (-436) (-)



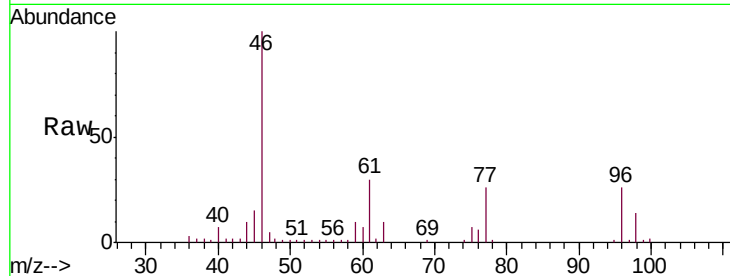


#22

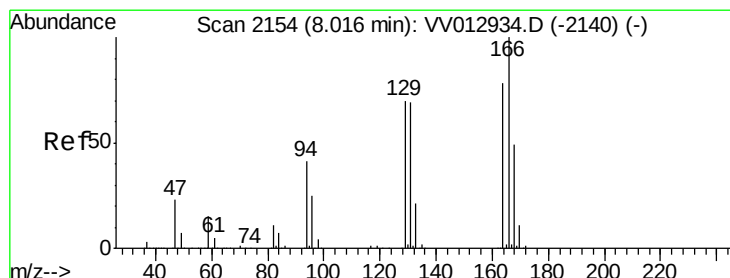
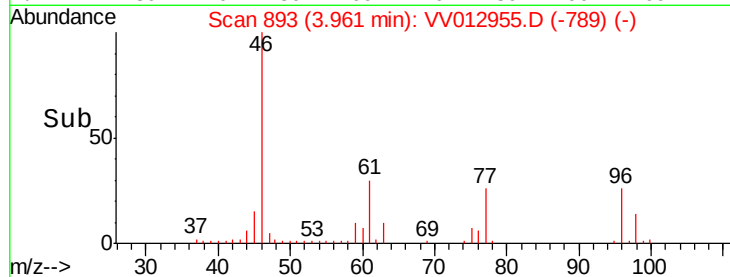
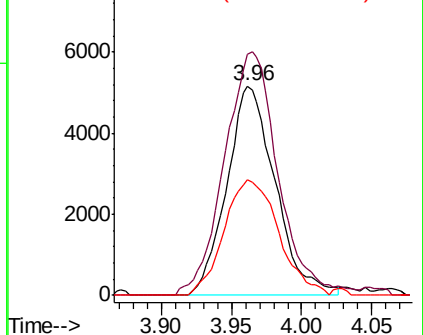
cis-1,2-Dichloroethene
 Concen: 1.107 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012955.D
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Tgt Ion: 96 Resp: 12393
 Ion Ratio Lower Upper
 96 100
 61 115.3 90.9 168.7
 98 54.9 45.6 84.6



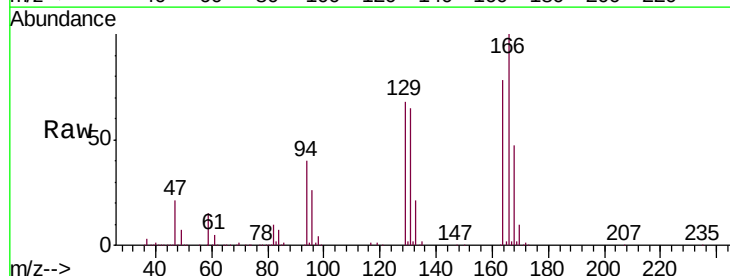
Abundance Ion 96.00 (95.70 to 96.70): VV012934.D (-875) (-)
 Ion 61.00 (60.70 to 61.70): VV012934.D (-875) (-)
 Ion 98.00 (97.70 to 98.70): VV012934.D (-875) (-)



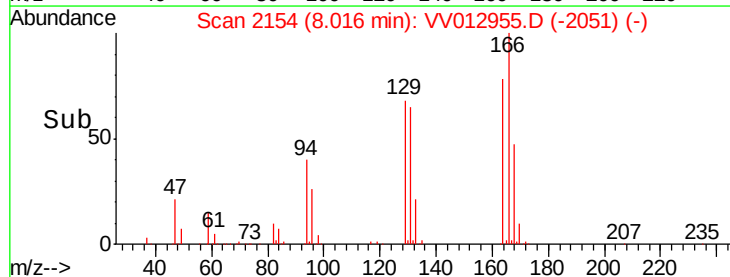
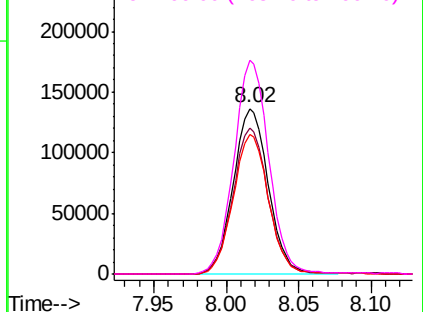
#47

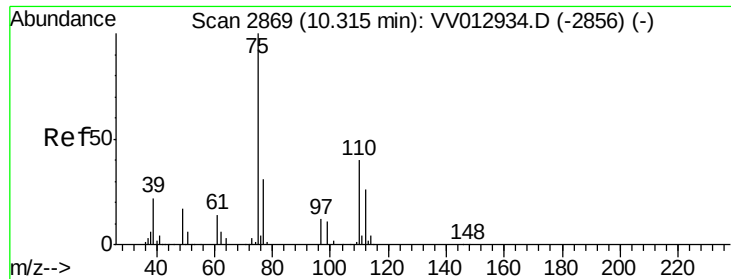
Tetrachloroethene
 Concen: 24.091 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012955.D
 Acq: 23 Sep 2019 23:47

Tgt Ion: 164 Resp: 229176
 Ion Ratio Lower Upper
 164 100
 129 88.0 62.8 116.6
 131 84.3 60.2 111.8
 166 129.0 89.4 166.0



Abundance Ion 164.00 (163.70 to 164.70): VV012934.D (-2140) (-)
 Ion 129.00 (128.70 to 129.70): VV012934.D (-2140) (-)
 Ion 131.00 (130.70 to 131.70): VV012934.D (-2140) (-)
 Ion 166.00 (165.70 to 166.70): VV012934.D (-2140) (-)





#59

1,2,3-Trichloropropane

Concen: 4.336 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012955.D

Acq: 23 Sep 2019 23:47

Instrument :

MSVOA_V

ClientSampleId :

BEDL4

Tgt Ion: 75 Resp: 41065

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0

