

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019803.D
 Acq On : 22 Dec 2020 18:22
 Operator : SY/MD
 Sample : L5173-09DL 10X
 Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R5DL

Quant Time: Dec 23 01:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	773188	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	733176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	353926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	241737	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.20%
7) Chloroethane-d5	1.57	69	196429	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.84%
11) 1,1-Dichloroethene-d2	2.11	63	346181	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.28%
21) 2-Butanone-d5	3.89	46	372246	123.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.52%
24) Chloroform-d	4.35	84	429650	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.04	65	305875	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.05	84	881257	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
36) 1,2-Dichloropropane-d6	6.07	67	287937	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.02%
41) Toluene-d8	7.32	98	767873	43.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.22%
43) trans-1,3-Dichloropropene-	7.62	79	129249	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
47) 2-Hexanone-d5	8.09	63	231233	96.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	353692	42.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.38%
64) 1,2-Dichlorobenzene-d4	11.63	152	285880	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%

Target Compounds

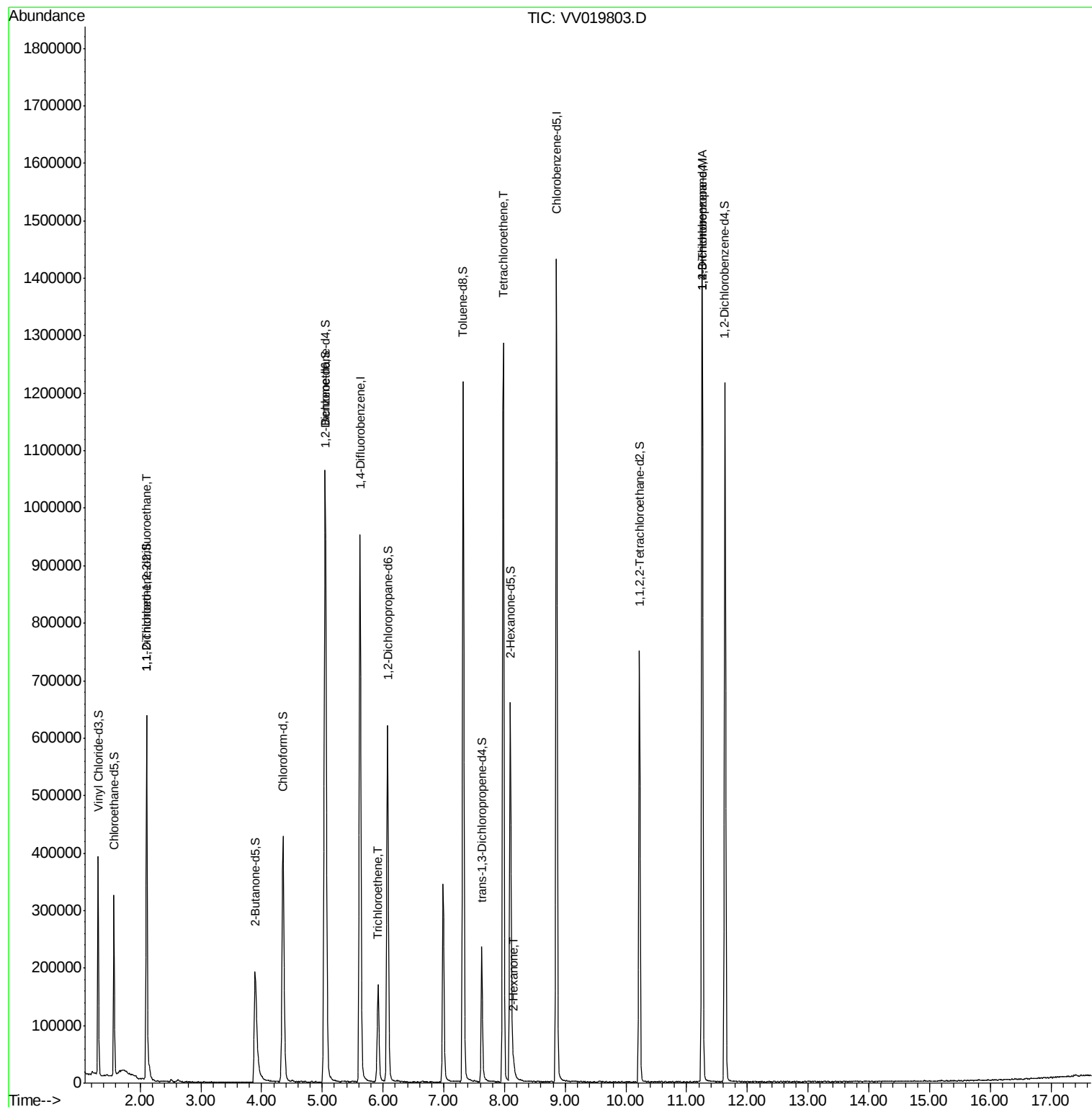
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3108	0.692 ug/L #	22
34) Trichloroethene	5.92	95	54367	9.605 ug/L	99
46) Tetrachloroethene	7.98	164	259212	66.181 ug/L	98
48) 2-Hexanone	8.15	43	9944	1.623 ug/L #	84
59) 1,2,3-Trichloropropane	11.25	75	46721	6.713 ug/L	94

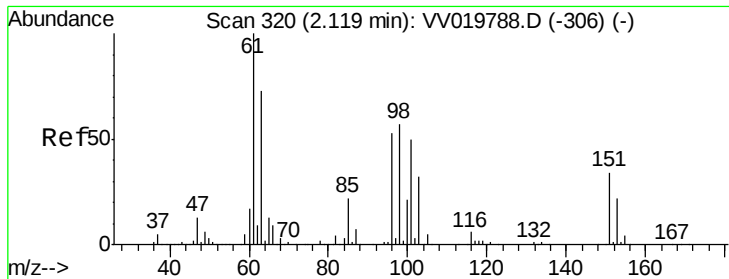
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 23 01:05:06 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.692 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019803.D

Acq: 22 Dec 2020 18:22

Instrument :

MSVOA_V

ClientSampled :

BG4R5DL

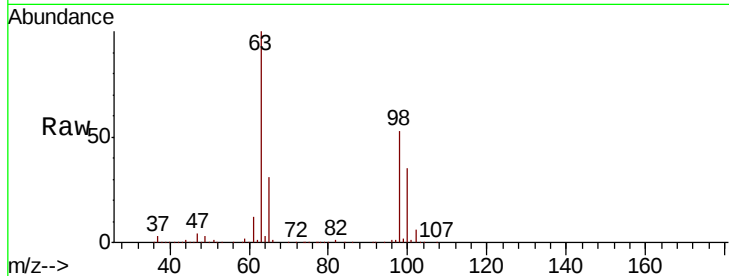
Tot Ion:101 Resp: 3108

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

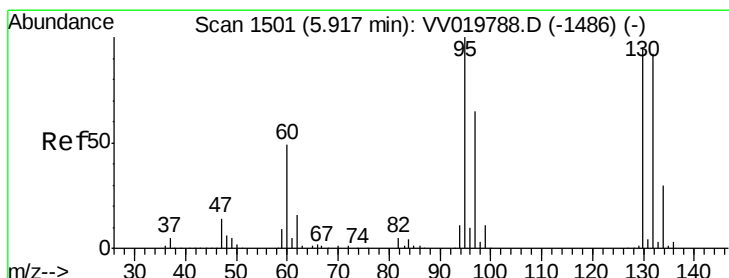
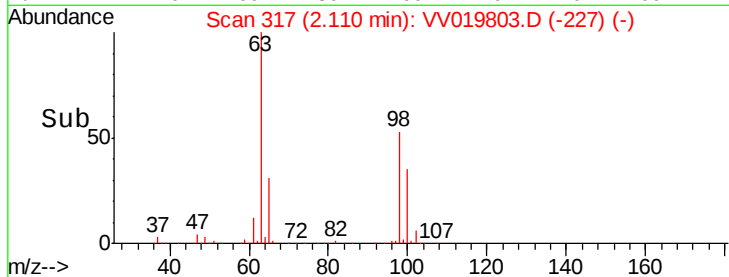
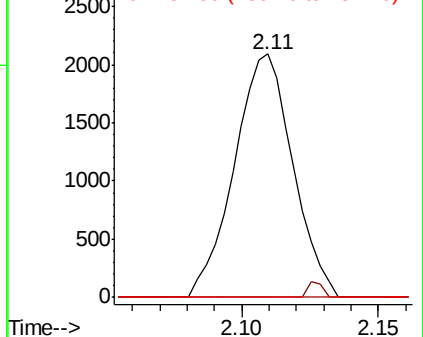
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 9.605 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019803.D

Acq: 22 Dec 2020 18:22

Tgt Ion: 95 Resp: 54367

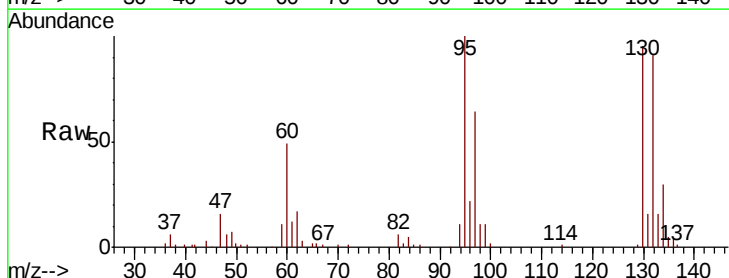
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 91.3 64.3 119.3

130 95.3 67.8 125.8

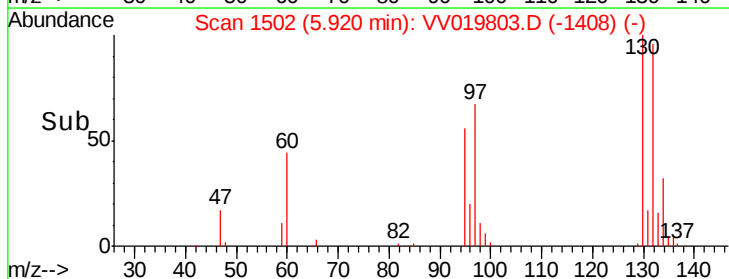
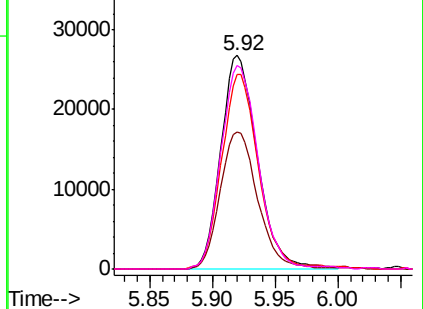


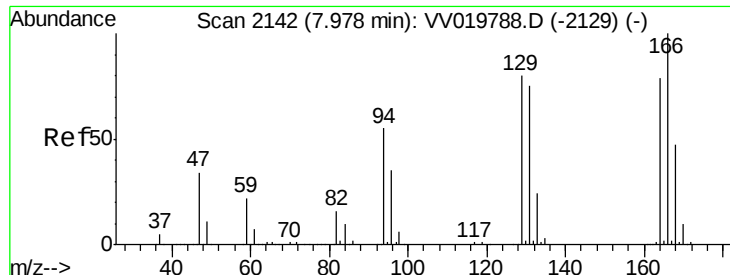
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 66.181 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019803.D

Acq: 22 Dec 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

BG4R5DL

Tot Ion:164 Resp: 259212

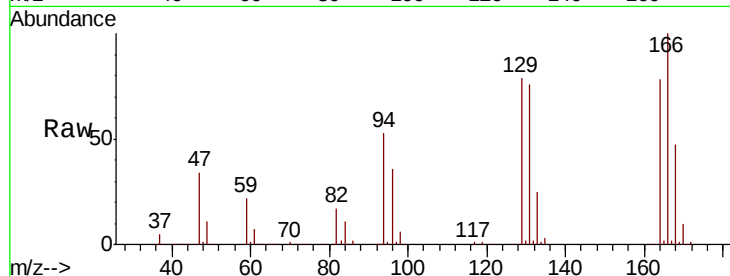
Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.0

131 97.8 68.0 126.4

166 128.9 86.9 161.5

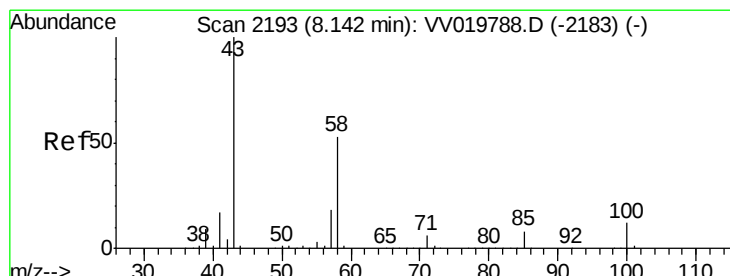
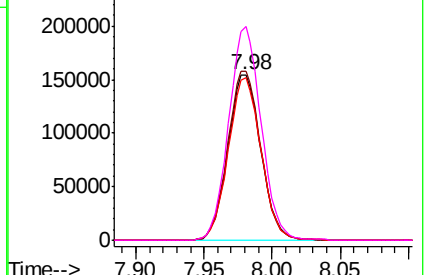
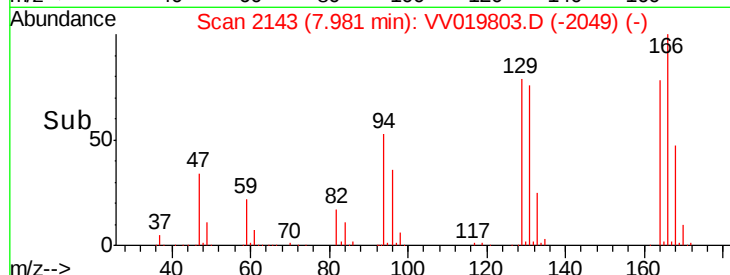


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 1.623 ug/L

RT: 8.15 min Scan# 2197

Delta R.T. 0.01 min

Lab File: VV019803.D

Acq: 22 Dec 2020 18:22

Tgt Ion: 43 Resp: 9944

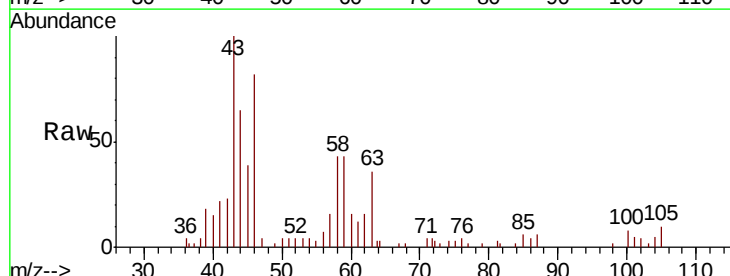
Ion Ratio Lower Upper

43 100

58 40.0 44.4 66.6#

57 17.6 15.7 23.5

100 9.4 9.9 14.9#

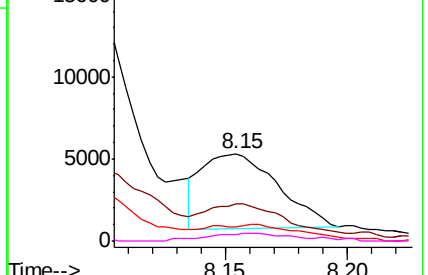
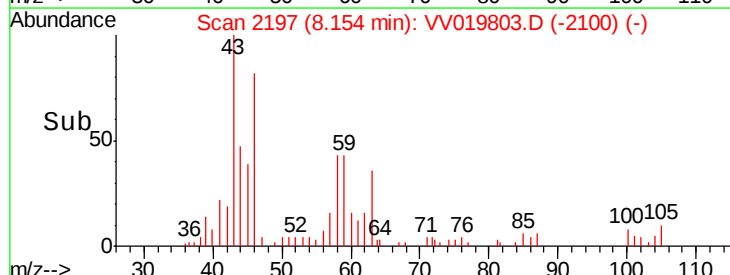


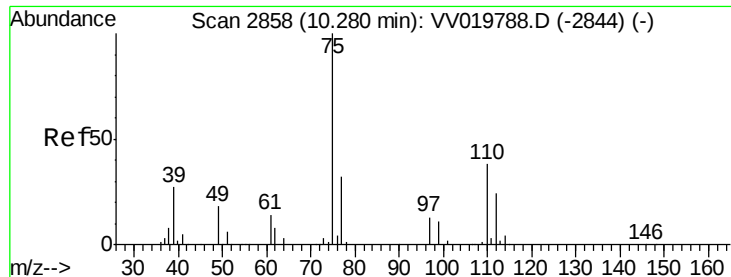
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.713 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019803.D

Acq: 22 Dec 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

BG4R5DL

Tot Ion: 75 Resp: 46721

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8

