

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026059.D
 Acq On : 13 Aug 2018 11:29
 Operator : MD/SY
 Sample : J4401-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZF4MS

Quant Time: Aug 14 01:31:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99344	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	80300	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.27	63	194106	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
21) 2-Butanone-d5	4.18	46	150030	85.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.52%
24) Chloroform-d	4.65	84	211844	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	143001	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.34	84	414071	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.33	67	133904	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.28%
41) Toluene-d8	7.57	98	383061	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.85	79	66637	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
47) 2-Hexanone-d5	8.31	63	106736	86.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179599	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	149586	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

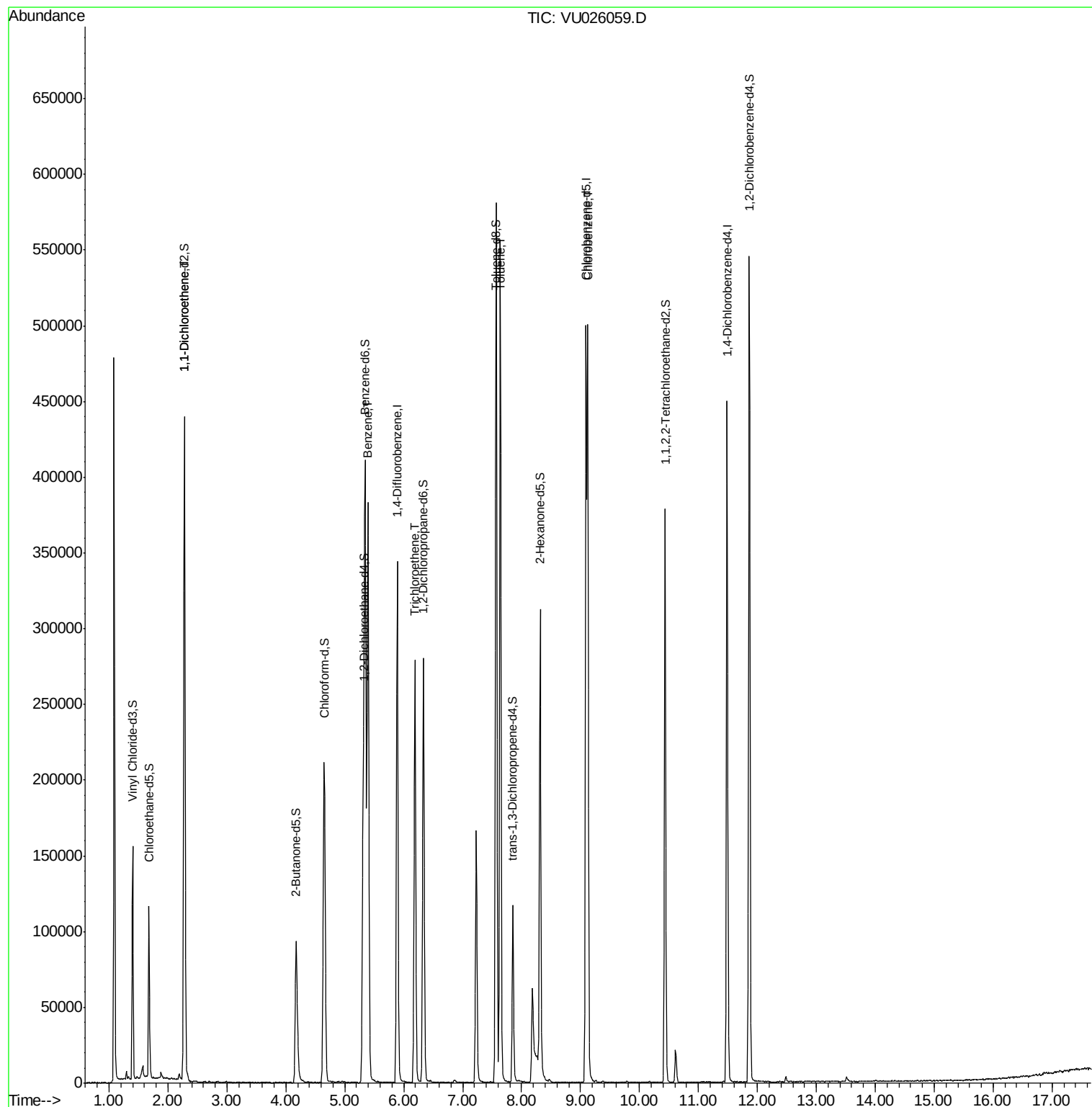
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	80546	48.45	ug/L	93
33) Benzene	5.39	78	373175	48.31	ug/L	100
34) Trichloroethene	6.19	95	93467	46.31	ug/L	97
42) Toluene	7.64	91	398516	48.60	ug/L	97
51) Chlorobenzene	9.12	112	263401	47.64	ug/L	98

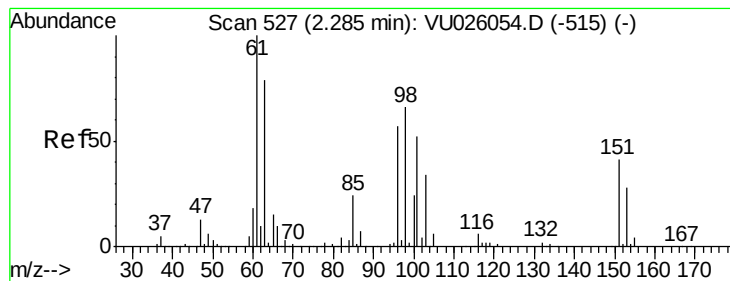
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 48.45 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

A4ZF4MS

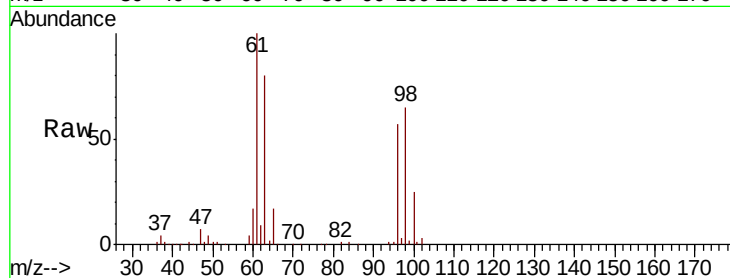
Tot Ion: 96 Resp: 80546

Ion Ratio Lower Upper

96 100

61 176.6 121.2 225.2

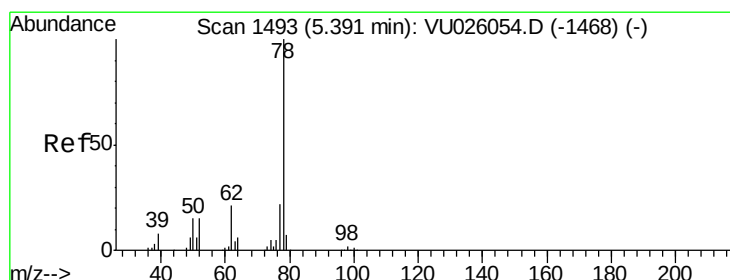
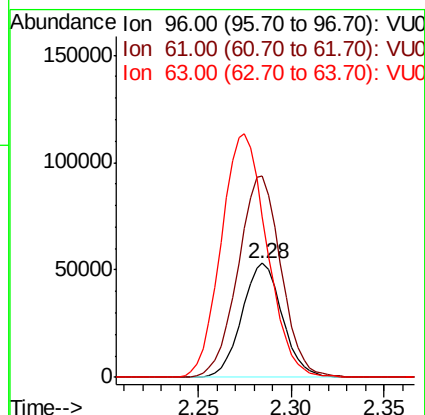
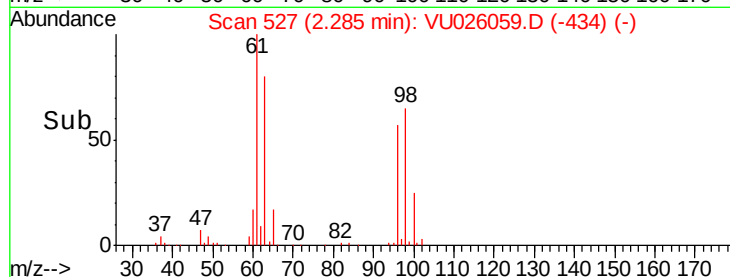
63 140.7 108.7 201.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 48.31 ug/L

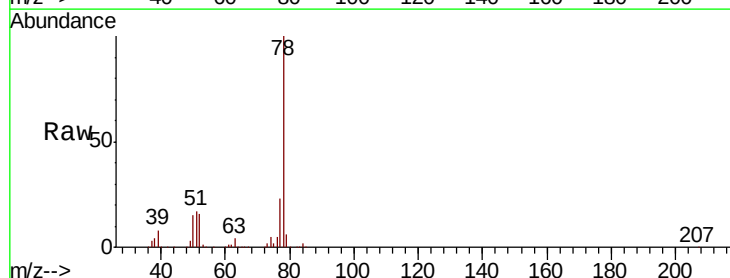
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

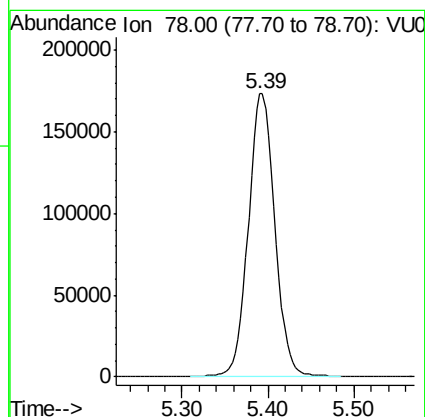
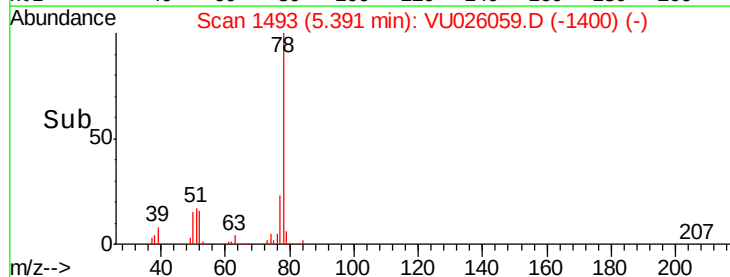
Lab File: VU026059.D

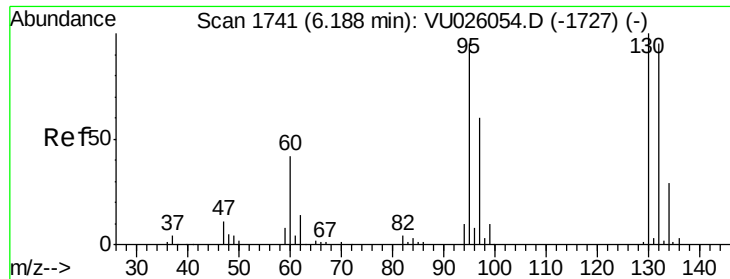
Acq: 13 Aug 2018 11:29

Tgt Ion: 78 Resp: 373175



Abundance Ion 78.00 (77.70 to 78.70): VU0

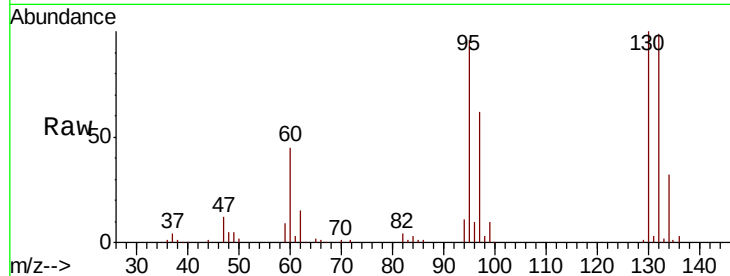




#34
 Trichloroethene
 Concen: 46.31 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026059.D
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 A4ZF4MS

Tot Ion	95	Resp	93467
Ion Ratio	Lower	Upper	
95	100		
97	64.8	45.2	84.0
132	103.3	68.2	126.6
130	104.5	73.8	137.2



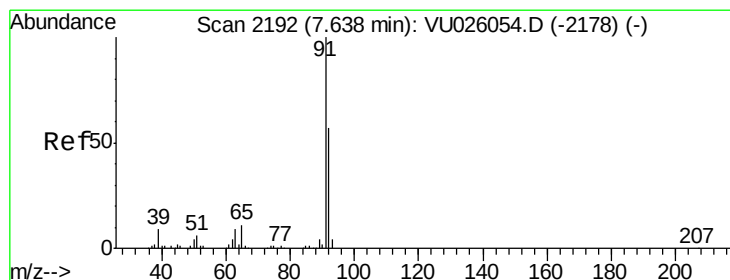
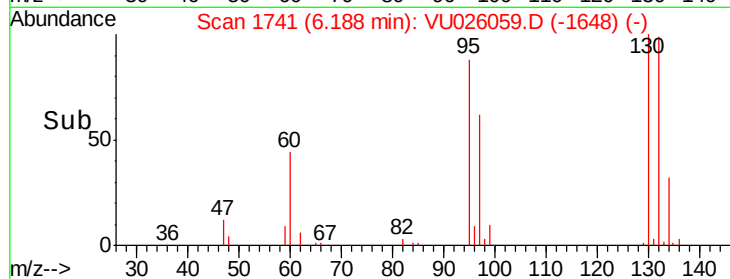
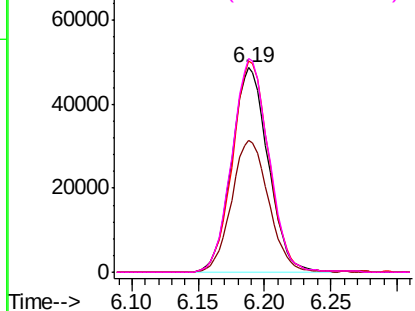
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

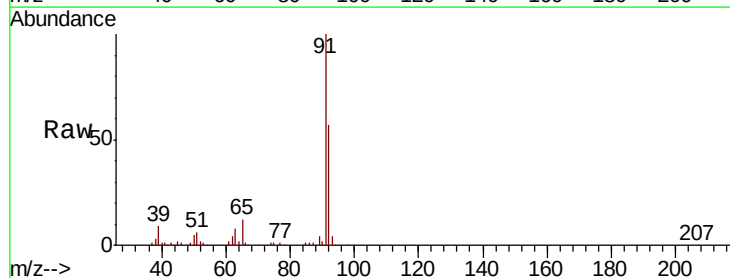
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42
 Toluene
 Concen: 48.60 ug/L
 RT: 7.64 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU026059.D
 Acq: 13 Aug 2018 11:29

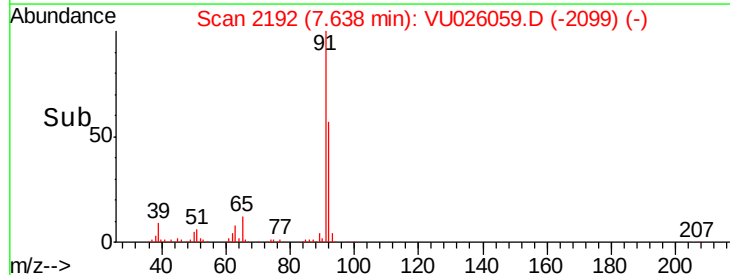
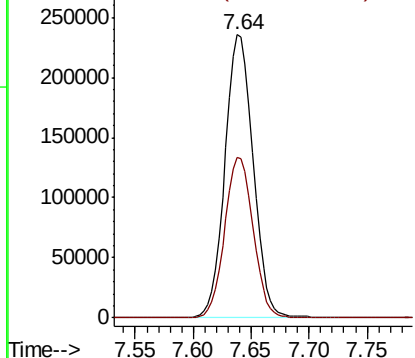
Tgt Ion	91	Resp	398516
Ion Ratio	Lower	Upper	
91	100		
92	56.6	41.0	76.2

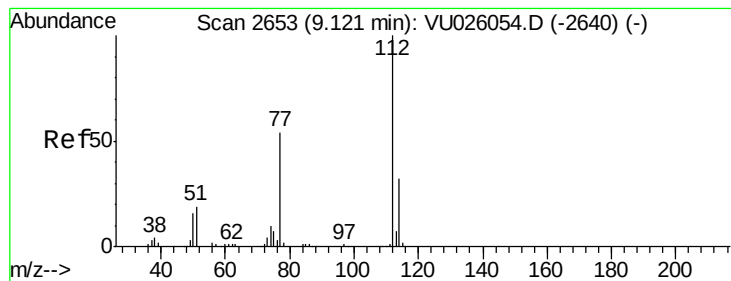


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 47.64 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VU026059.D
 Acq: 13 Aug 2018 11:29

Instrument :
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 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
263401	112	100		
	114	31.1	22.7	42.3
	77	55.6	45.2	67.8

