

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033116.D
 Acq On : 06 Dec 2023 15:07
 Operator : SY/MD
 Sample : 05644-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:44:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

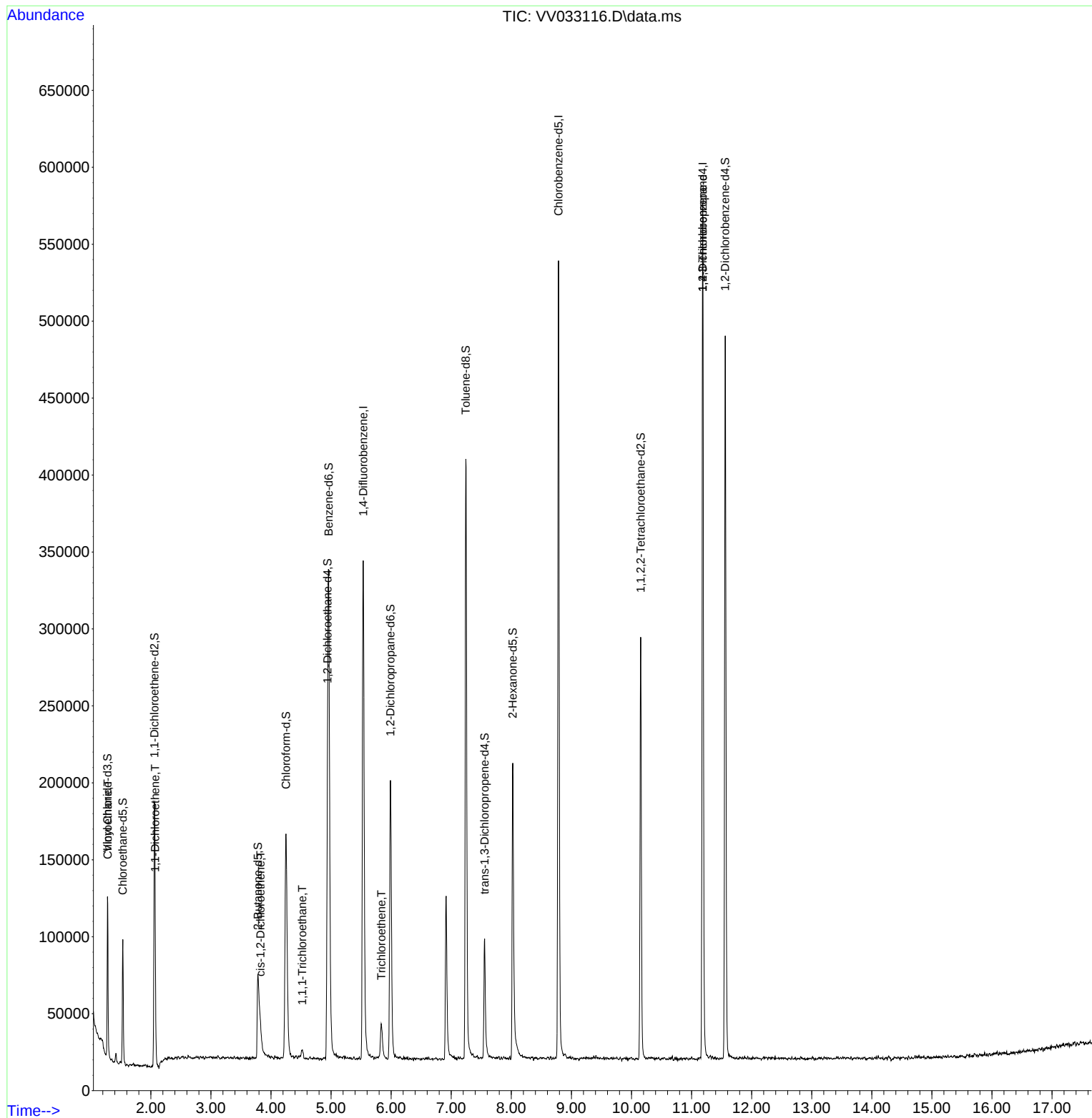
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	299614	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	296537	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155310	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65496	36.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.140%
7) Chloroethane-d5	1.532	69	49108	39.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.700%
11) 1,1-Dichloroethene-d2	2.060	65	25411	37.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.580%
21) 2-Butanone-d5	3.783	46	82985	93.283	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.280%
24) Chloroform-d	4.249	84	157165	41.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.700%
26) 1,2-Dichloroethane-d4	4.940	65	104079	44.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.080%
32) Benzene-d6	4.960	84	290262	41.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.700%
36) 1,2-Dichloropropane-d6	5.989	67	80904	43.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.243	98	266078	40.218	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.440%
43) trans-1,3-Dichloroprop...	7.555	79	45912	38.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.880%
47) 2-Hexanone-d5	8.024	63	67046	89.498	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.500%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	120086	45.302	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	127428	46.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						
					Qvalue	
8) Chloroethane	1.281	64	962	0.872	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	7114	4.736	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	8583	4.101	ug/L	90
30) 1,1,1-Trichloroethane	4.519	97	4508	1.230	ug/L #	85
34) Trichloroethene	5.838	95	6372	2.838	ug/L	84
61) 1,2,3-Trichloropropane	11.185	75	13777	7.114	ug/L #	57

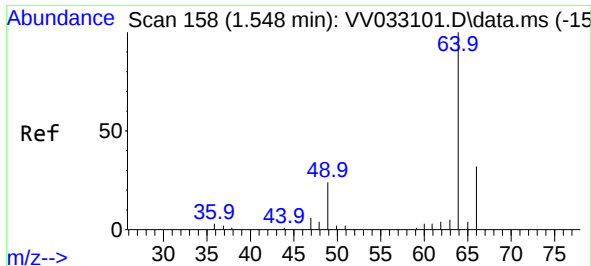
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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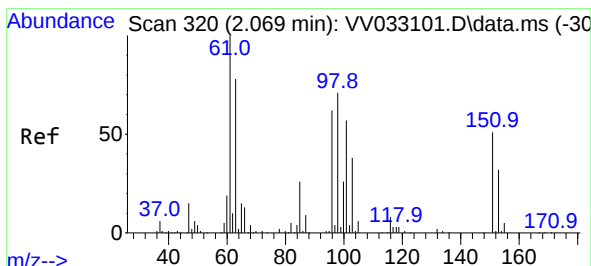
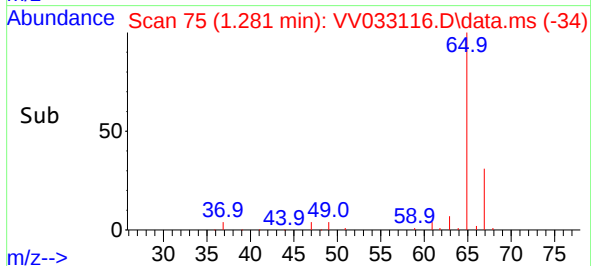
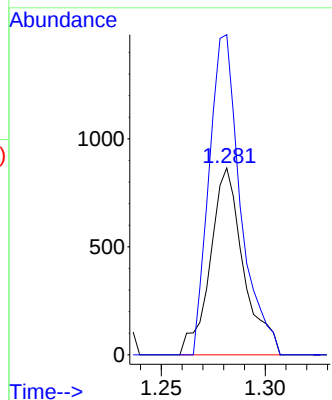
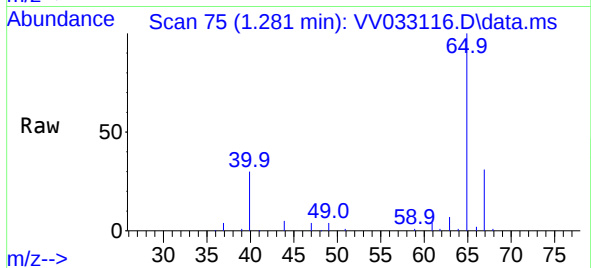




#8
Chloroethane
Concen: 0.872 ug/L
RT: 1.281 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV033116.D
Acq: 06 Dec 2023 15:07

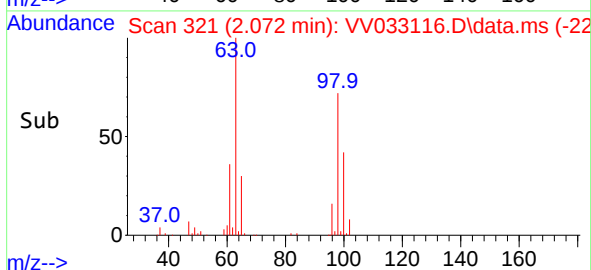
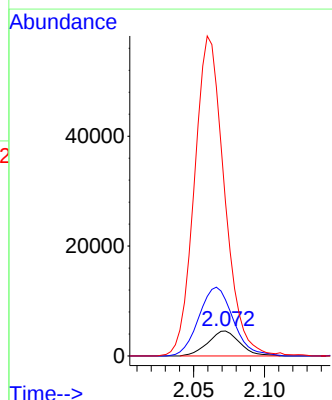
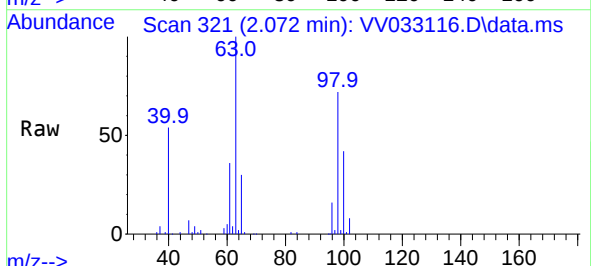
Instrument :
MSVOA_V
ClientSampleId :

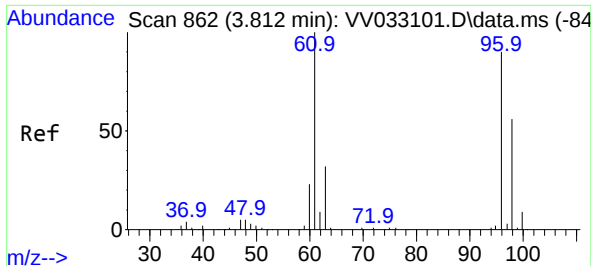
Tgt Ion: 64 Resp: 962
Ion Ratio Lower Upper
64 100
66 171.3 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 4.736 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033116.D
Acq: 06 Dec 2023 15:07

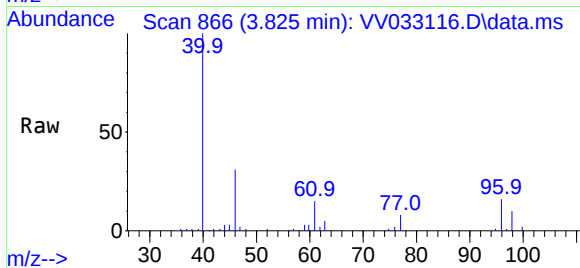
Tgt Ion: 96 Resp: 7114
Ion Ratio Lower Upper
96 100
61 224.5 109.1 202.7#
63 615.2 85.3 158.3#



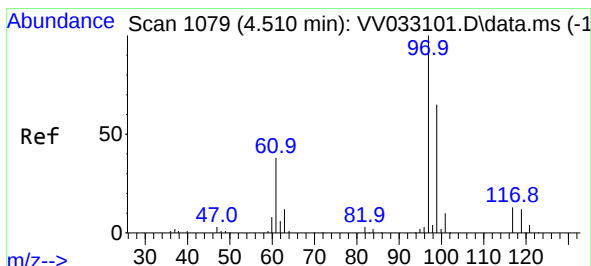
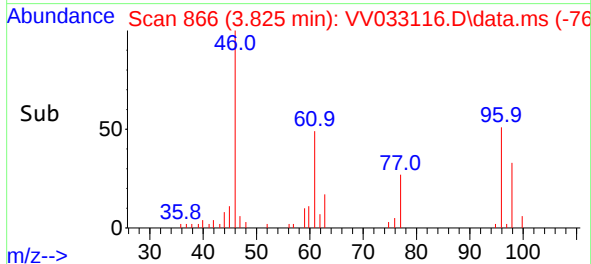
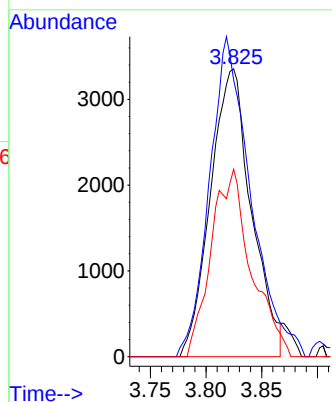


#20
 cis-1,2-Dichloroethene
 Concen: 4.101 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VV033116.D
 Acq: 06 Dec 2023 15:07

Instrument :
 MSVOA_V
 ClientSampleId :

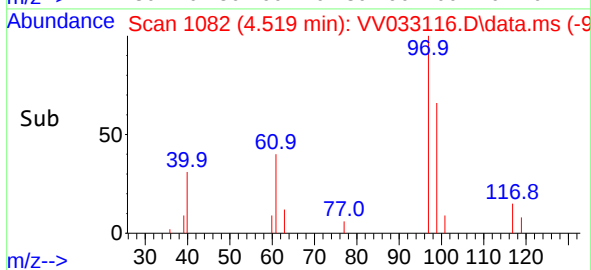
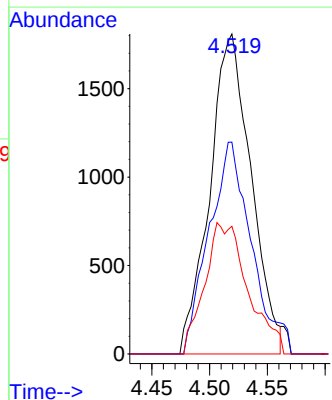
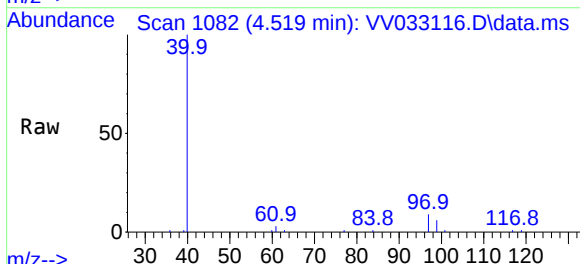


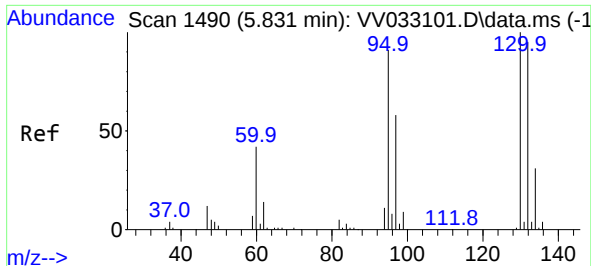
Tgt Ion: 96 Resp: 8583
 Ion Ratio Lower Upper
 96 100
 61 96.2 79.1 146.9
 98 65.1 45.1 83.7



#30
 1,1,1-Trichloroethane
 Concen: 1.230 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. 0.010 min
 Lab File: VV033116.D
 Acq: 06 Dec 2023 15:07

Tgt Ion: 97 Resp: 4508
 Ion Ratio Lower Upper
 97 100
 99 67.9 51.3 76.9
 61 20.6 31.8 47.8#



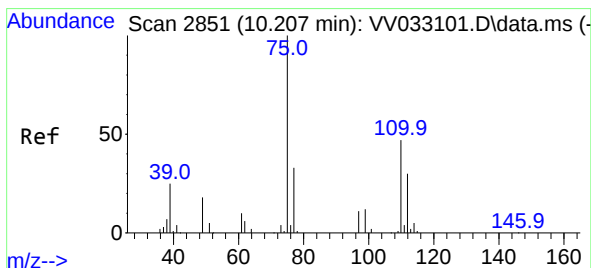
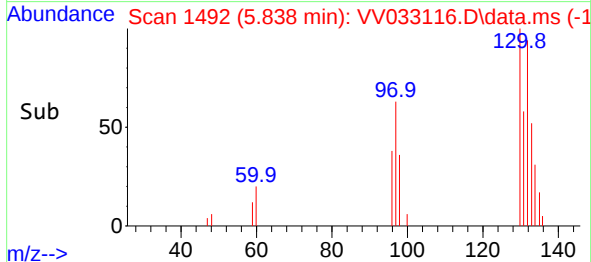
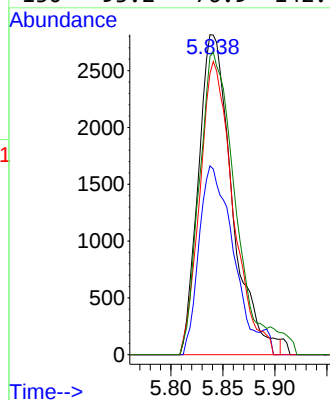
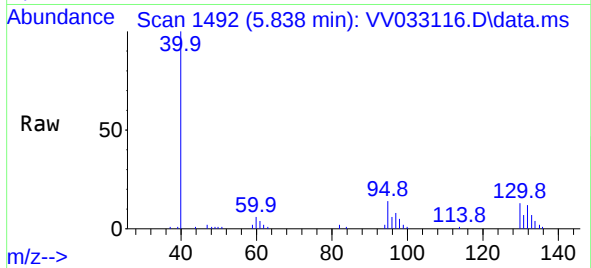


#34
Trichloroethene
Concen: 2.838 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV033116.D
Acq: 06 Dec 2023 15:07

Instrument :
MSVOA_V
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Tgt Ion: 95 Resp: 6372

Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.8	85.0
132	87.9	77.4	143.8
130	93.2	76.9	142.7



#61
1,2,3-Trichloropropane
Concen: 7.114 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.978 min
Lab File: VV033116.D
Acq: 06 Dec 2023 15:07

Tgt Ion: 75 Resp: 13777

Ion	Ratio	Lower	Upper
75	100		
77	40.5	27.0	40.6
110	4.0	38.1	57.1

