

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037612.D
 Acq On : 27 Sep 2024 17:25
 Operator : SY/MD
 Sample : P4184-15DL 40X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

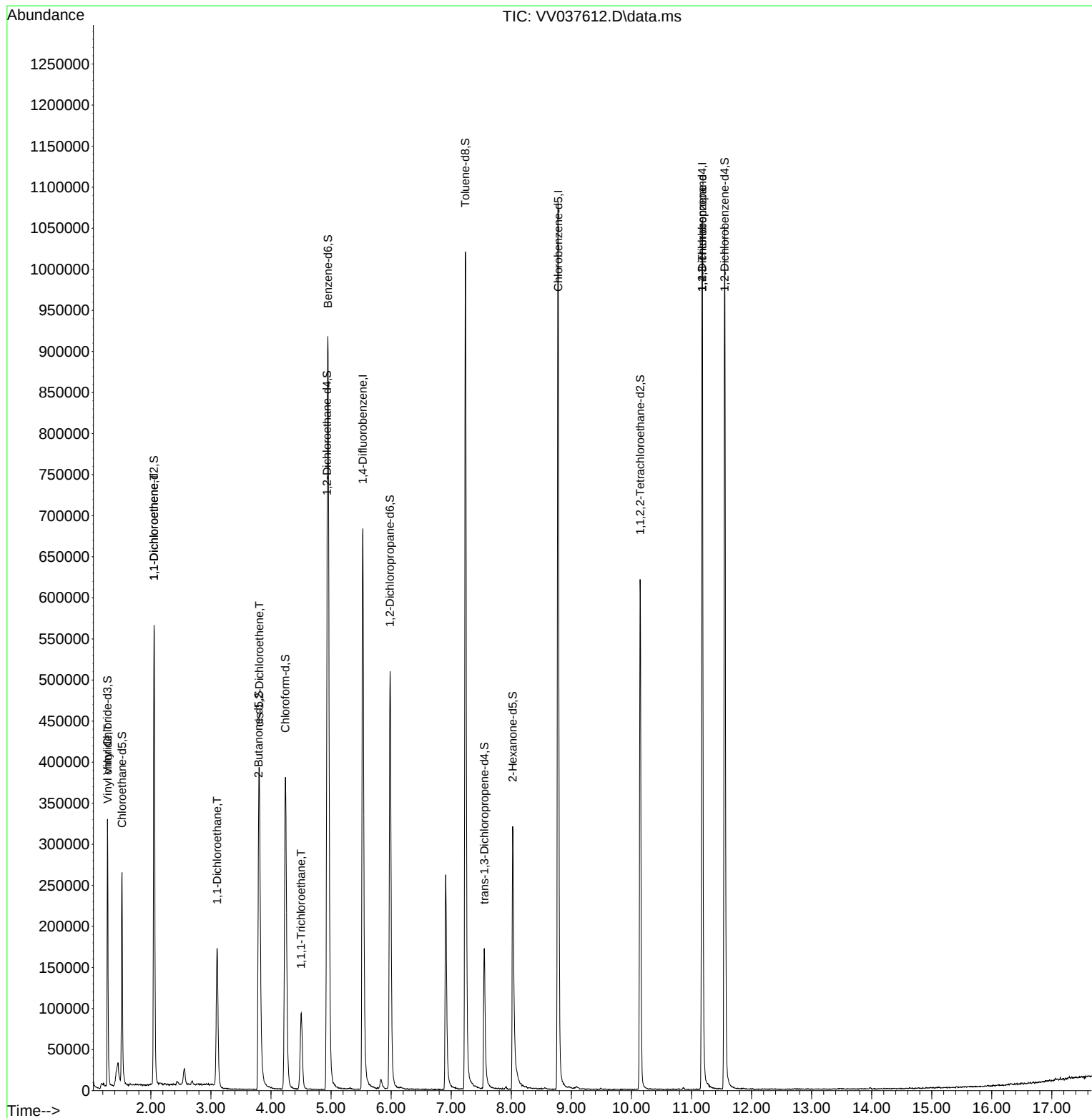
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	614338	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	591831	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	277560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	212675	39.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.880%
7) Chloroethane-d5	1.519	69	180284	43.068	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.140%
11) 1,1-Dichloroethene-d2	2.053	65	93968	41.706	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
21) 2-Butanone-d5	3.793	46	182497	95.008	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.010%
24) Chloroform-d	4.240	84	408779	42.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	4.934	65	250551	44.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
32) Benzene-d6	4.950	84	806397	43.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	5.982	67	260429	44.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	7.236	98	699520	41.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	7.551	79	110921	40.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.980%
47) 2-Hexanone-d5	8.024	63	108714	87.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.300%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	302393	44.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.260%
66) 1,2-Dichlorobenzene-d4	11.554	152	274346	46.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	6740	1.238	ug/L #	10
12) 1,1-Dichloroethene	2.053	96	4179	1.022	ug/L #	1
19) 1,1-Dichloroethane	3.101	63	165482	19.962	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	172194	35.563	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	76706	10.523	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	32759	8.294	ug/L #	64

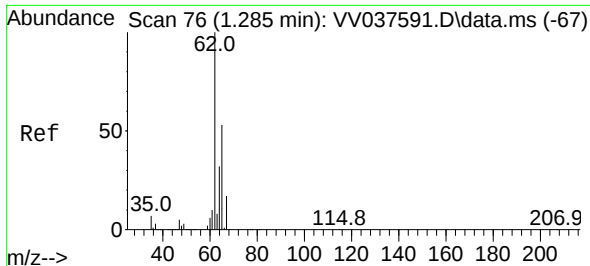
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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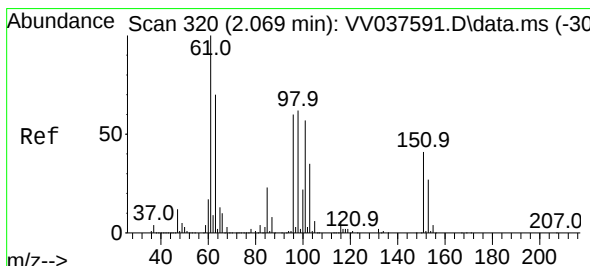
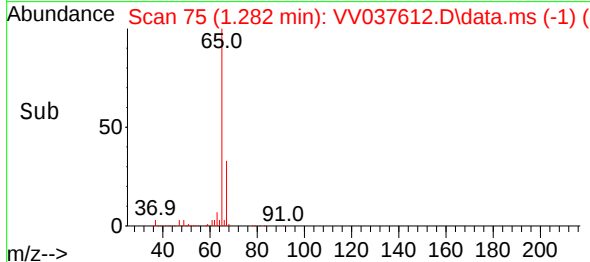
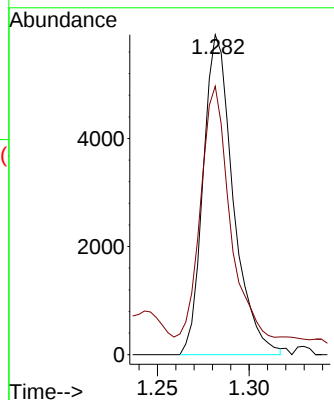
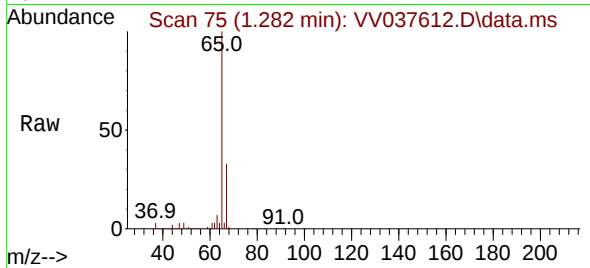




#5
 Vinyl chloride
 Concen: 1.238 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037612.D
 Acq: 27 Sep 2024 17:25

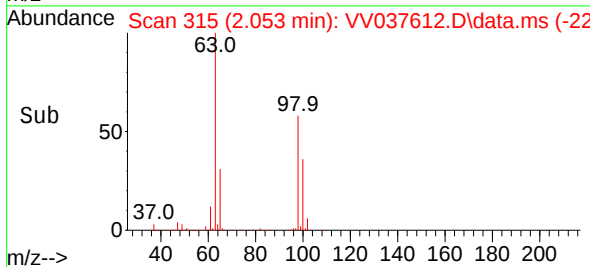
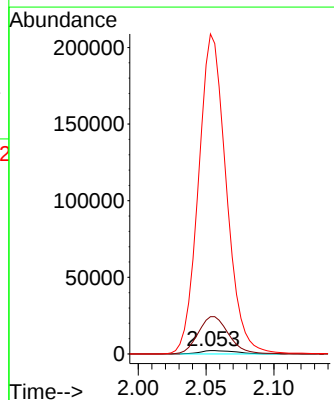
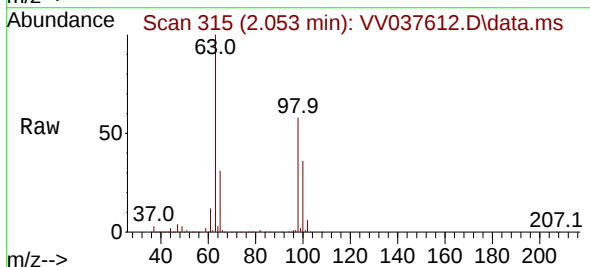
Instrument :
 MSVOA_V
 ClientSampleId :

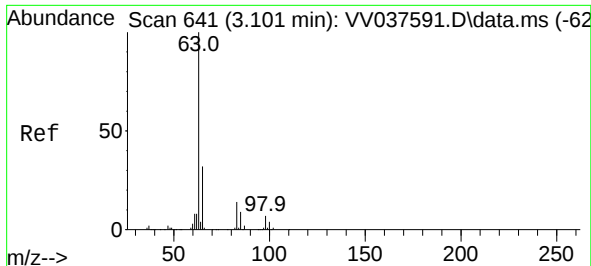
Tgt Ion: 62 Resp: 6740
 Ion Ratio Lower Upper
 62 100
 64 83.9 23.2 43.0#



#12
 1,1-Dichloroethene
 Concen: 1.022 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.016 min
 Lab File: VV037612.D
 Acq: 27 Sep 2024 17:25

Tgt Ion: 96 Resp: 4179
 Ion Ratio Lower Upper
 96 100
 61 1084.3 122.6 227.6#
 63 9289.7 118.0 219.2#

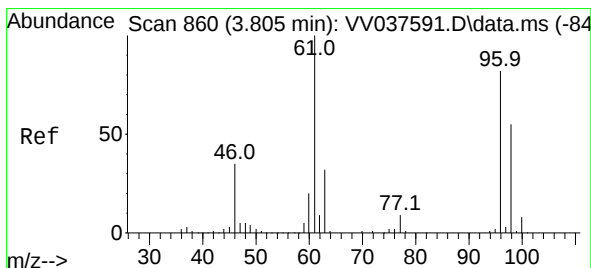
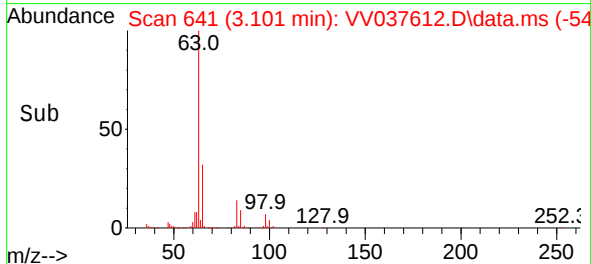
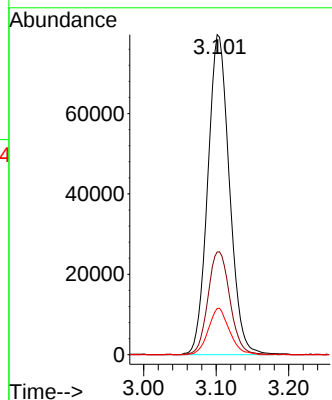
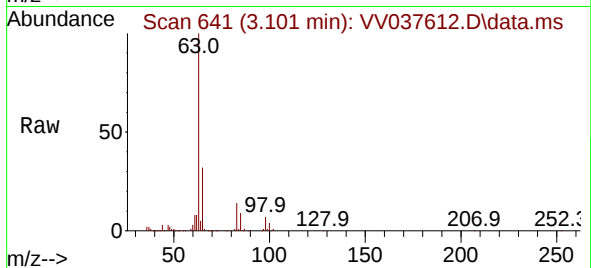




#19
1,1-Dichloroethane
Concen: 19.962 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037612.D
Acq: 27 Sep 2024 17:25

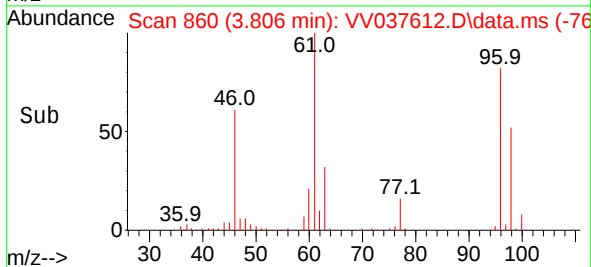
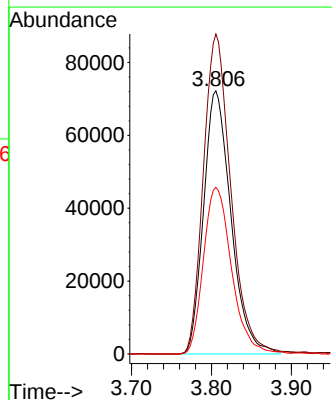
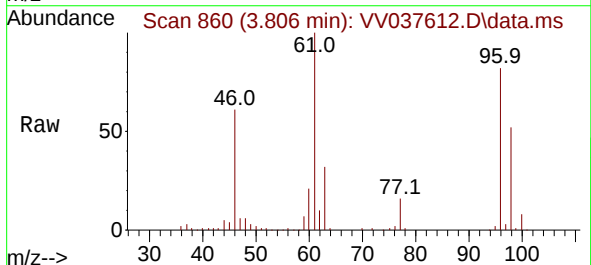
Instrument :
MSVOA_V
ClientSampleId :

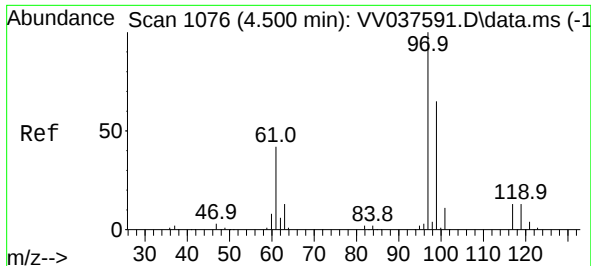
Tgt Ion: 63 Resp: 165482
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 14.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 35.563 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037612.D
Acq: 27 Sep 2024 17:25

Tgt Ion: 96 Resp: 172194
Ion Ratio Lower Upper
96 100
61 121.6 85.0 157.8
98 63.3 44.2 82.0

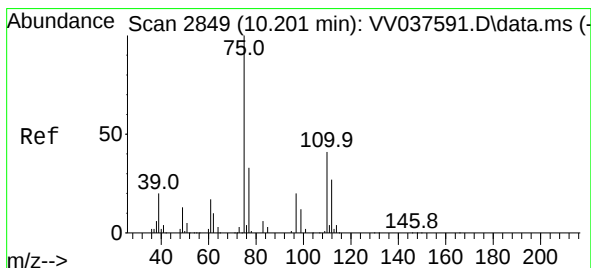
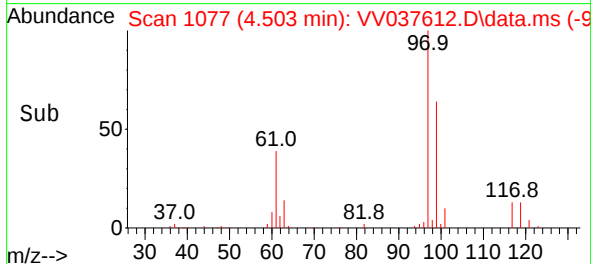
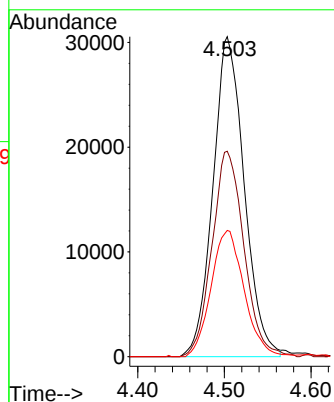
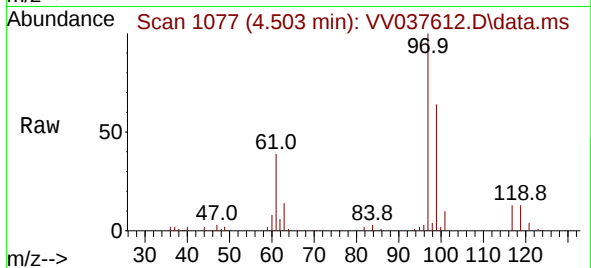




#30
1,1,1-Trichloroethane
Concen: 10.523 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037612.D
Acq: 27 Sep 2024 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	97	Resp:	76706
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.8	77.6
61	41.7	33.6	50.4



#61
1,2,3-Trichloropropane
Concen: 8.294 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.978 min
Lab File: VV037612.D
Acq: 27 Sep 2024 17:25

Tgt Ion:	75	Resp:	32759
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.0
110	2.2	31.7	47.5#

