

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019854.D
 Acq On : 23 Aug 2021 15:16
 Operator : SY/VA
 Sample : M3518-08
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

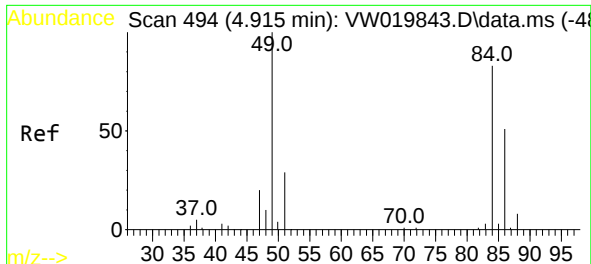
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ4

Quant Time: Aug 24 00:57:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	365644	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	266085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	150072	26.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.960%
7) Chloroethane-d5	2.898	69	125311	25.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.025	63	161266	16.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.600%
21) 2-Butanone-d5	7.080	46	25764	22.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.780%
24) Chloroform-d	7.653	84	224811	22.356	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	8.311	65	115087	21.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.960%
32) Benzene-d6	8.281	84	430307	28.363	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.440%
36) 1,2-Dichloropropane-d6	9.281	67	130834	28.477	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.920%
41) Toluene-d8	10.329	98	342282	24.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	33638	17.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.880%
47) 2-Hexanone-d5	10.927	63	14522	22.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	64919	17.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	44897	21.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	47260	7.531	ug/L	91
22) 2-Butanone	7.141	43	4455	3.500	ug/L #	48
34) Trichloroethene	8.848	95	11752	2.768	ug/L #	5
35) Methylcyclohexane	9.274	83	32118	4.411	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	14759	3.649	ug/L #	87
39) cis-1,3-Dichloropropene	10.030	75	2390	0.401	ug/L #	60
42) Toluene	10.396	91	5602	0.324	ug/L	97
48) 2-Hexanone	10.957	43	6529	4.361	ug/L #	43
61) 1,2,3-Trichloropropane	13.554	75	7718	6.602	ug/L #	63

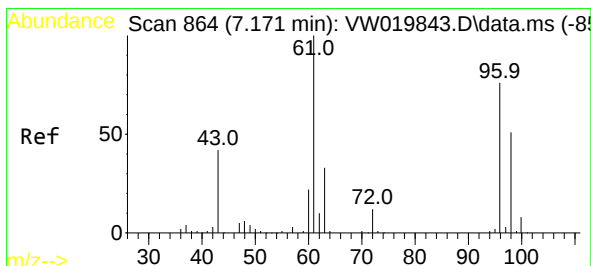
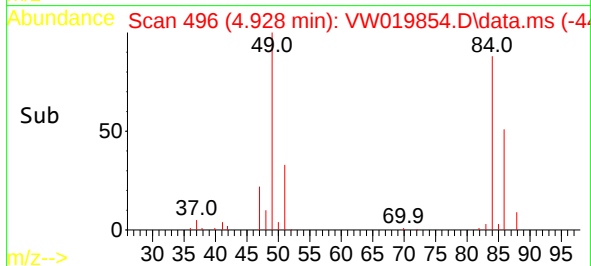
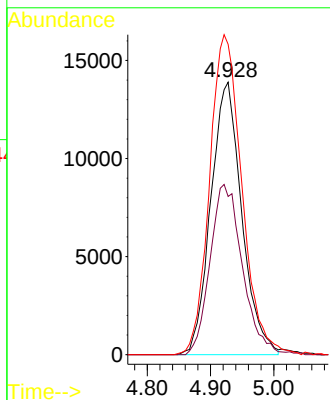
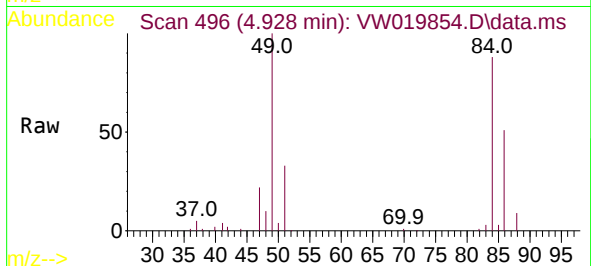
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 7.531 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

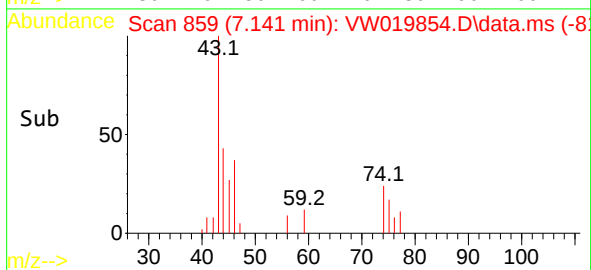
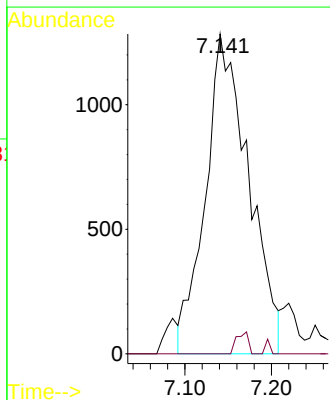
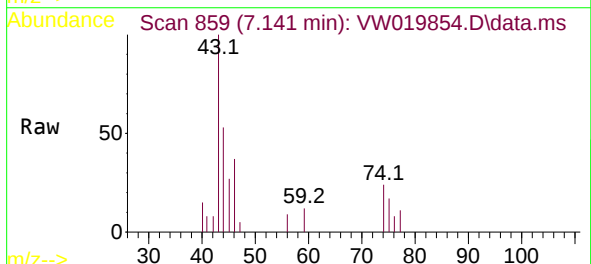
Instrument :
MSVOA_W
ClientSampled :
C0AZ4

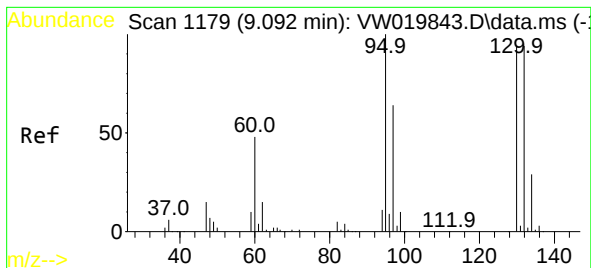
Tgt Ion: 84 Resp: 47260
Ion Ratio Lower Upper
84 100
86 58.1 45.3 84.1
49 113.9 86.6 160.8



#22
2-Butanone
Concen: 3.500 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
72 1.9 14.9 44.7#

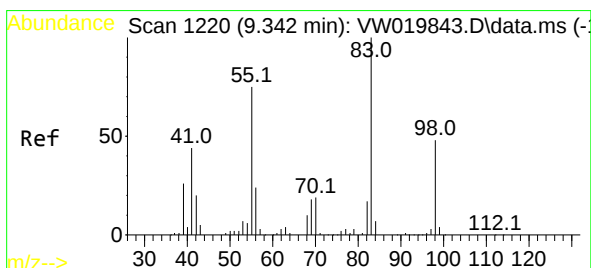
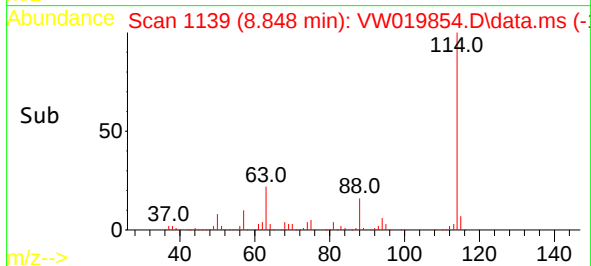
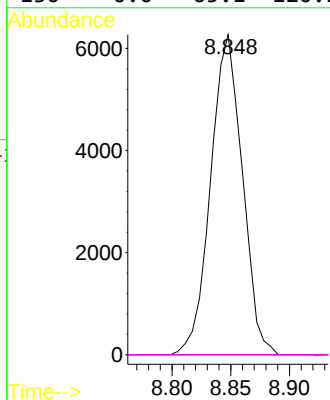
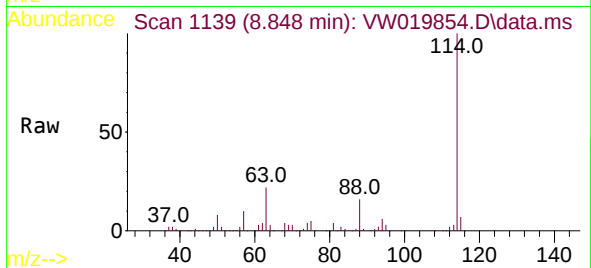




#34
Trichloroethene
Concen: 2.768 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

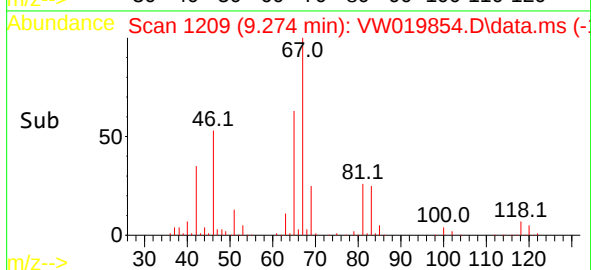
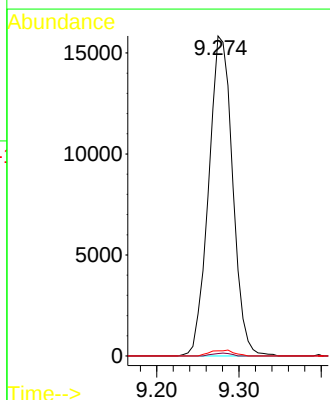
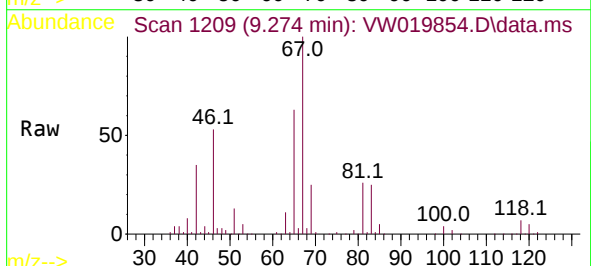
Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

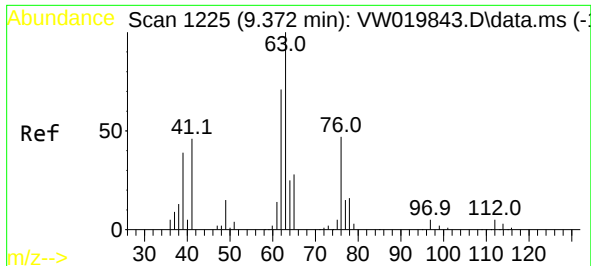
Tgt Ion:	95	Resp:	11752
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#35
Methylcyclohexane
Concen: 4.411 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

Tgt Ion:	83	Resp:	32118
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	1.1	40.1	60.1#

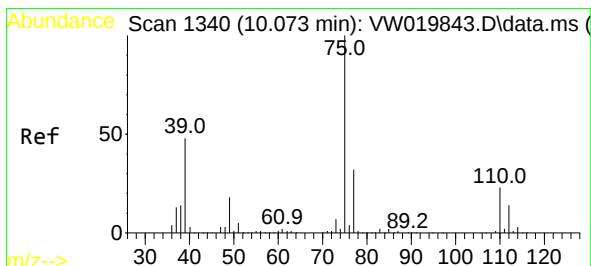
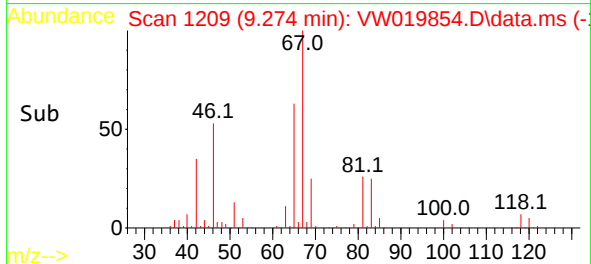
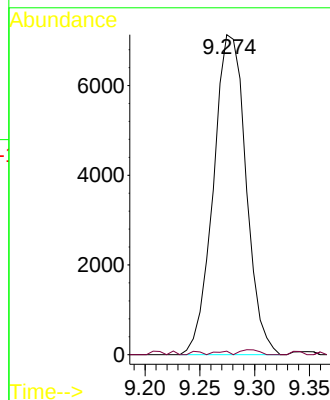
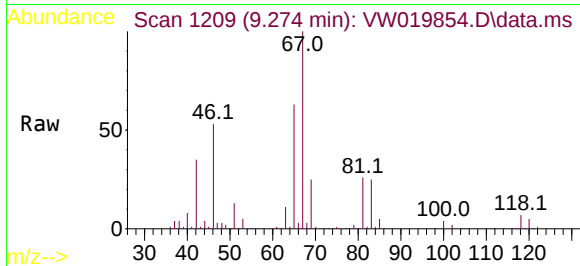




#37
1,2-Dichloropropane
Concen: 3.649 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

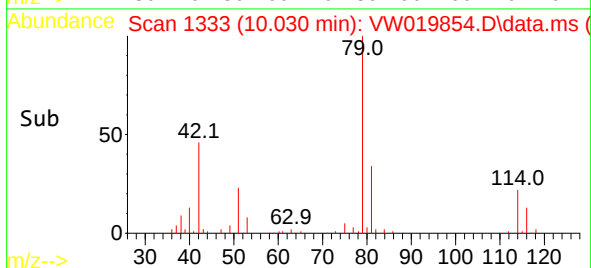
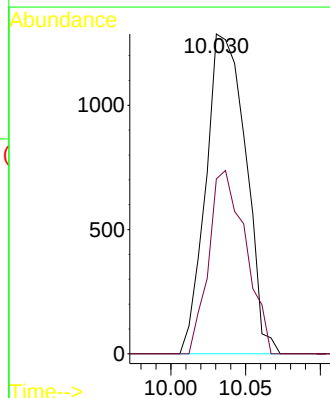
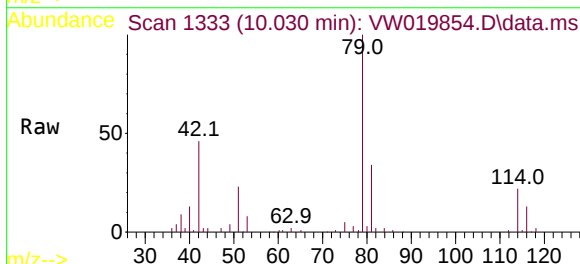
Instrument :
MSVOA_W
ClientSampled :
C0AZ4

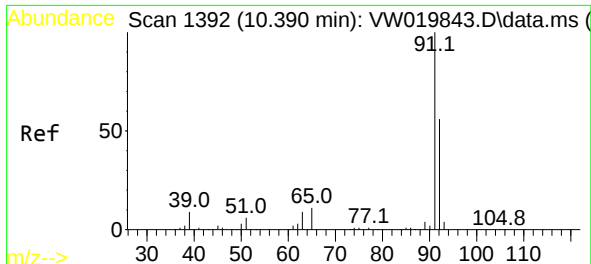
Tgt Ion: 63 Resp: 14759
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.401 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

Tgt Ion: 75 Resp: 2390
Ion Ratio Lower Upper
75 100
77 54.7 22.6 42.0#

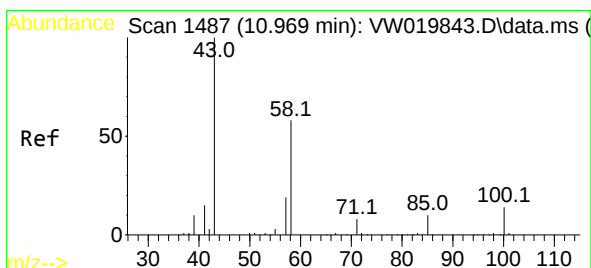
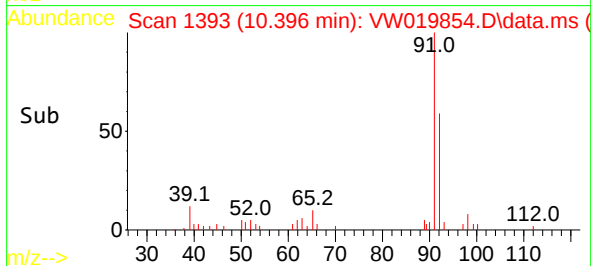
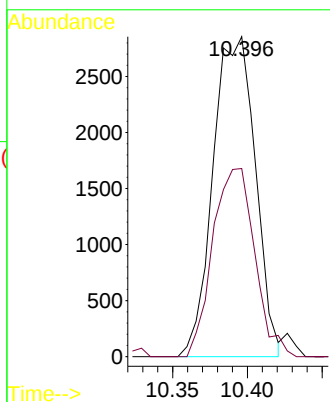
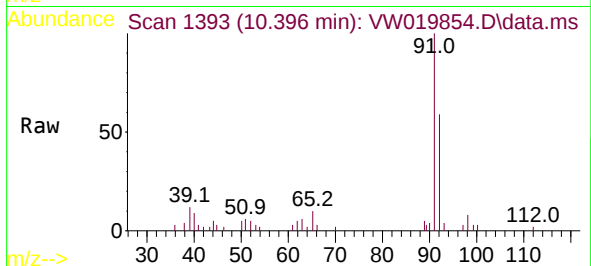




#42
Toluene
Concen: 0.324 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

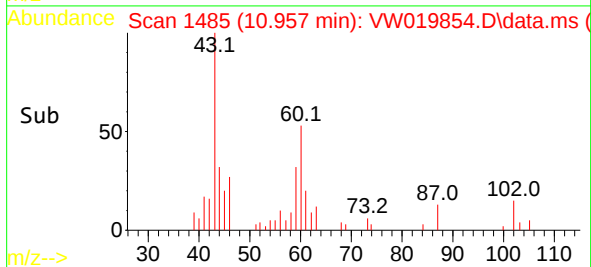
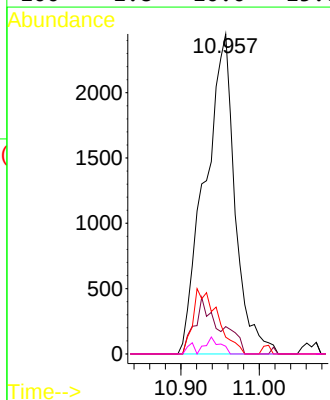
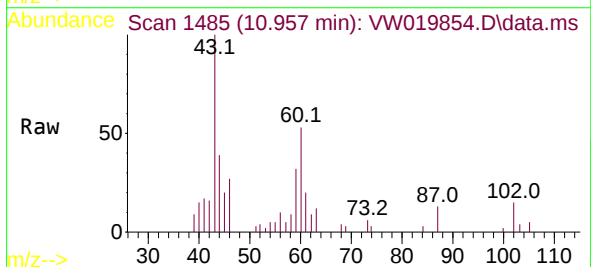
Instrument :
MSVOA_W
ClientSampled :
C0AZ4

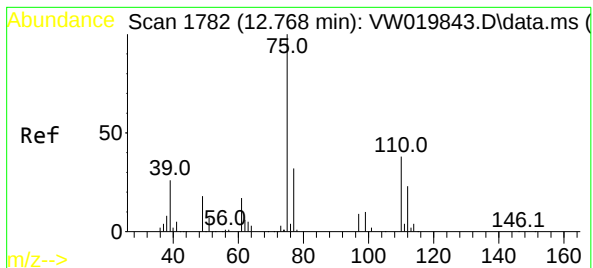
Tgt Ion: 91 Resp: 5602
Ion Ratio Lower Upper
91 100
92 58.8 39.5 73.3



#48
2-Hexanone
Concen: 4.361 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW019854.D
Acq: 23 Aug 2021 15:16

Tgt Ion: 43 Resp: 6529
Ion Ratio Lower Upper
43 100
58 3.8 42.7 64.1#
57 0.0 15.8 23.8#
100 1.8 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 6.602 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW019854.D
 Acq: 23 Aug 2021 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ4

Tgt Ion:	75	Resp:	7718
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.3	37.9
110	2.3	32.6	48.8#

