

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021360.D
 Acq On : 21 May 2021 15:45
 Operator : SY/MD
 Sample : M2494-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

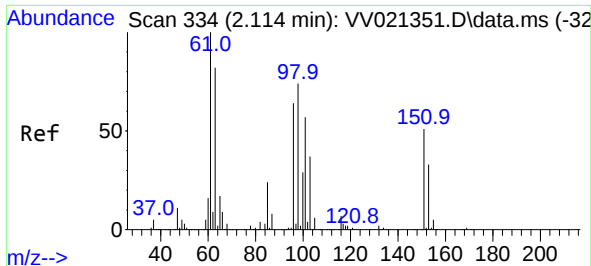
Instrument :
 MSVOA_V
 ClientSampleId :
 GB417

Quant Time: May 22 01:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	279583	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	260801	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83211	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.568	69	70564	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.111	63	260119	8.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	170.40%#
20) 2-Butanone-d5	3.908	46	244500	50.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.352	84	173078	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.037	65	84381	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.053	84	364556	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.072	67	113243	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.320	98	336385	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	7.625	79	47013	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.092	63	163682	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65128	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	136931	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	319039	20.68	ug/L #	82
18) trans-1,2-Dichloroethene	2.764	96	2978	0.16	ug/L	97
19) 1,1-Dichloroethane	3.191	63	292495	8.81	ug/L	100
22) cis-1,2-Dichloroethene	3.918	96	21875	1.06	ug/L	100
27) 1,2-Dichloroethane	5.146	62	7162	0.37	ug/L #	91
34) Trichloroethene	5.915	95	257668	11.58	ug/L	99
42) Toluene	7.400	91	6722	0.08	ug/L	88
47) Tetrachloroethene	7.982	164	2826	0.16	ug/L	91
48) 2-Hexanone	8.146	43	43358	5.24	ug/L #	87

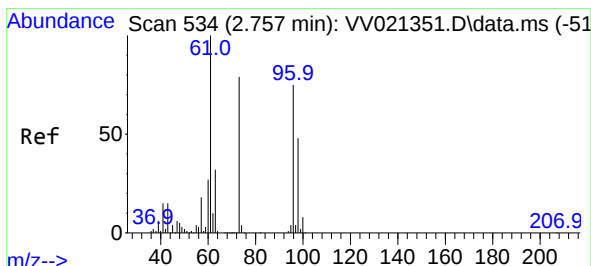
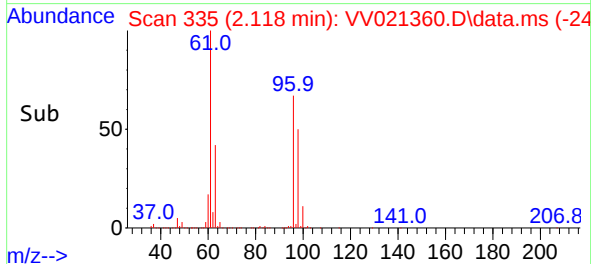
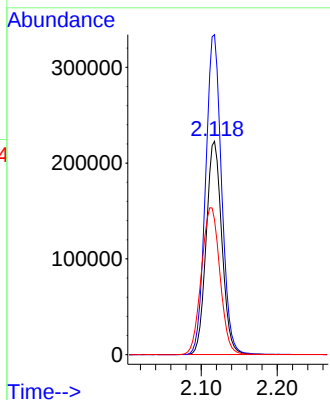
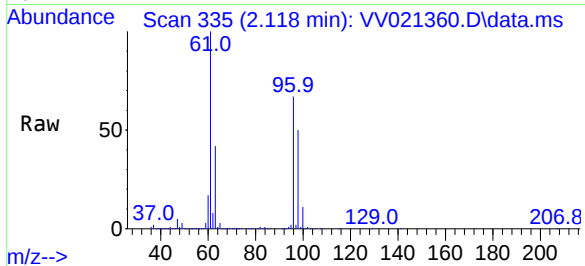
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 20.68 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

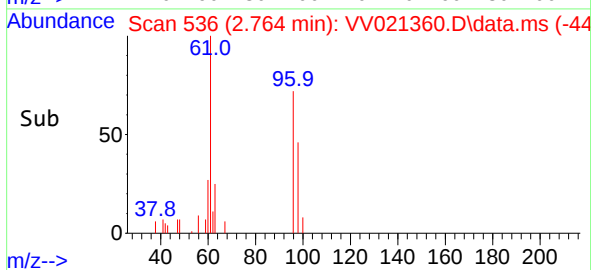
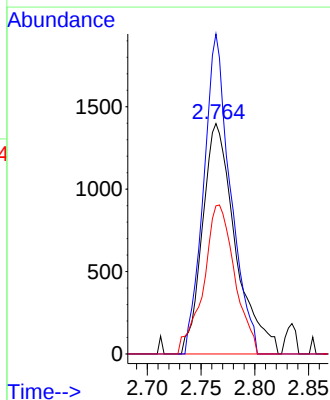
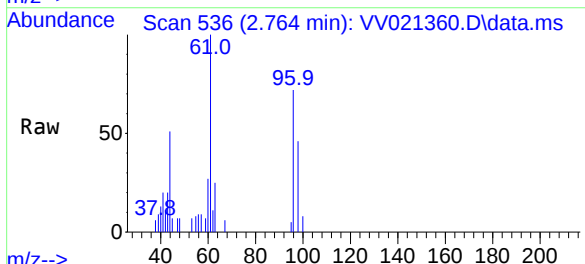
Instrument :
MSVOA_V
ClientSampleId :
GB417

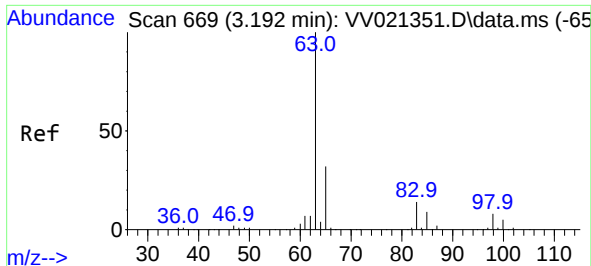
Tgt Ion: 96 Resp: 319039
Ion Ratio Lower Upper
96 100
61 149.9 109.8 204.0
63 63.2 71.3 132.3#



#18
trans-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 96 Resp: 2978
Ion Ratio Lower Upper
96 100
61 138.9 94.1 174.8
98 64.3 45.0 83.6



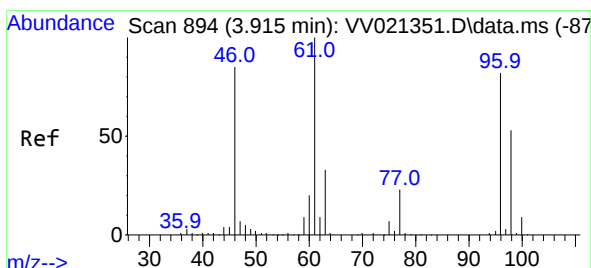
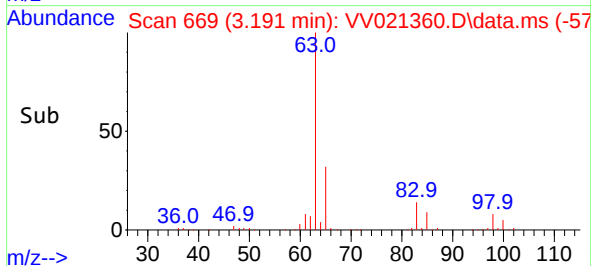
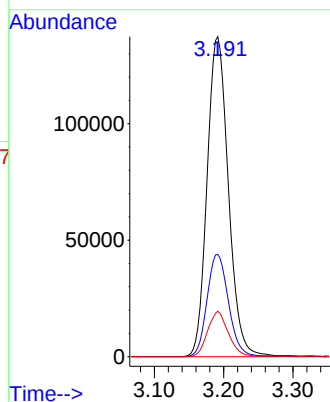
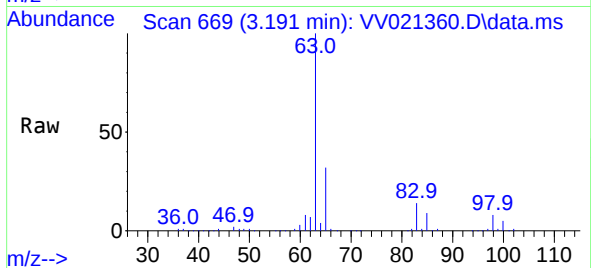


#19
1,1-Dichloroethane
Concen: 8.81 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Instrument :
MSVOA_V
ClientSampled :
GB417

Tgt Ion: 63 Resp: 292495

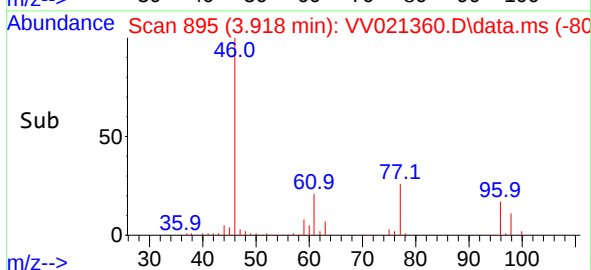
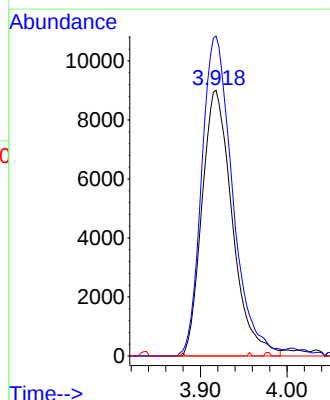
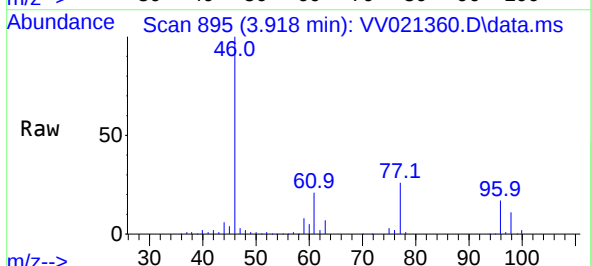
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	14.2	9.7	17.9

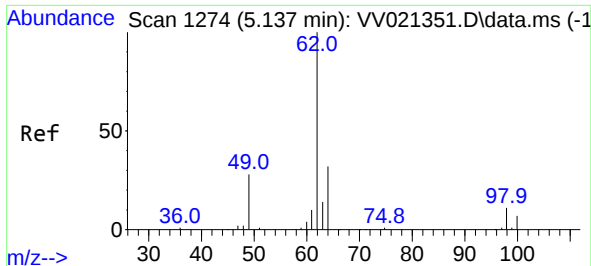


#22
cis-1,2-Dichloroethene
Concen: 1.06 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 96 Resp: 21875

Ion	Ratio	Lower	Upper
96	100		
61	120.4	84.6	157.2
68	0.0	0.0	0.0

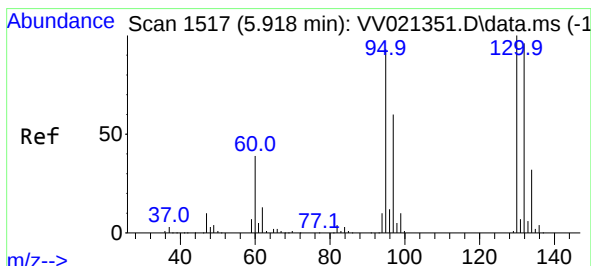
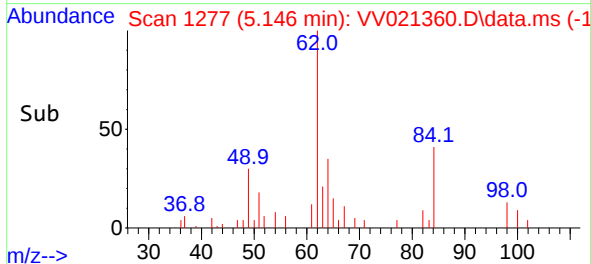
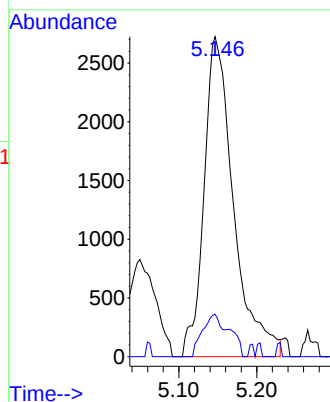
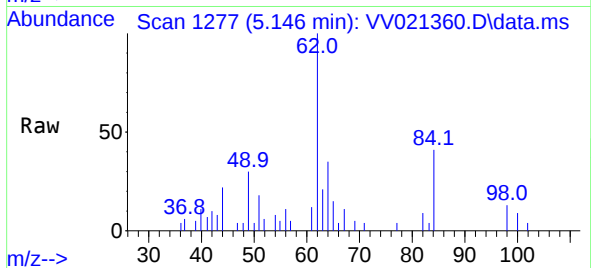




#27
1,2-Dichloroethane
Concen: 0.37 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.010 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

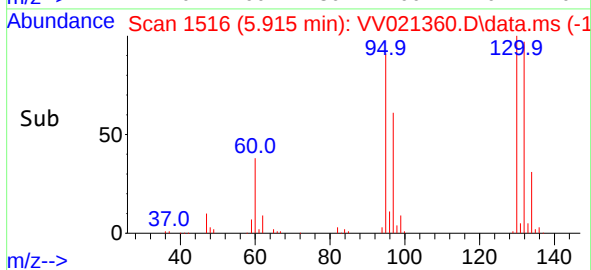
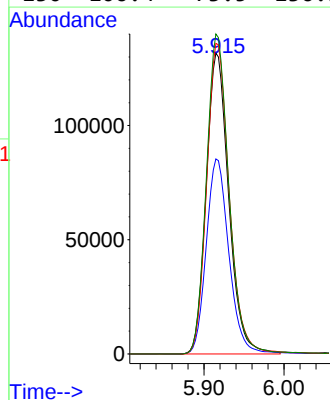
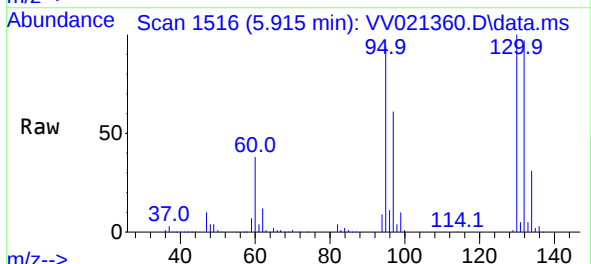
Instrument :
MSVOA_V
ClientSampled :
GB417

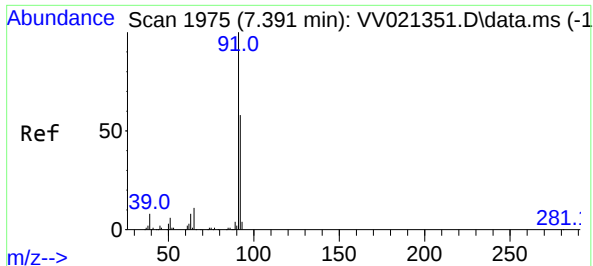
Tgt Ion: 62 Resp: 7162
Ion Ratio Lower Upper
62 100
98 13.2 8.0 12.0#



#34
Trichloroethene
Concen: 11.58 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 95 Resp: 257668
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.9
132 103.2 71.5 132.9
130 106.4 73.5 136.5

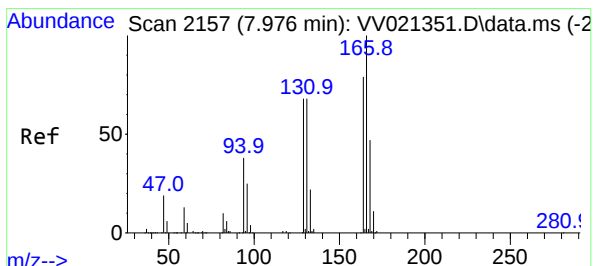
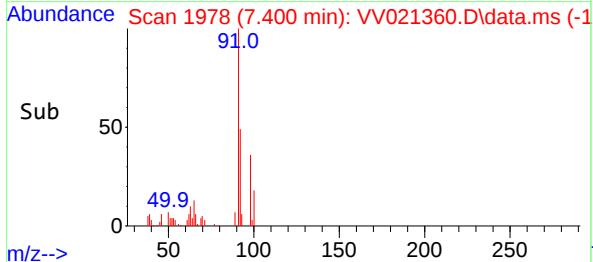
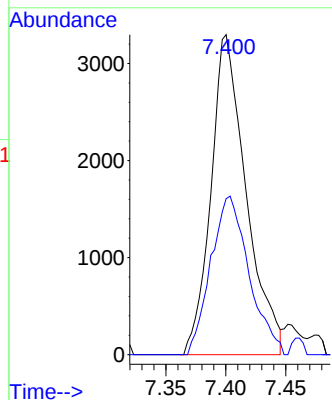
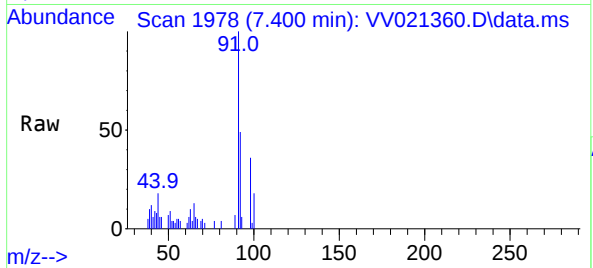




#42
Toluene
Concen: 0.08 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

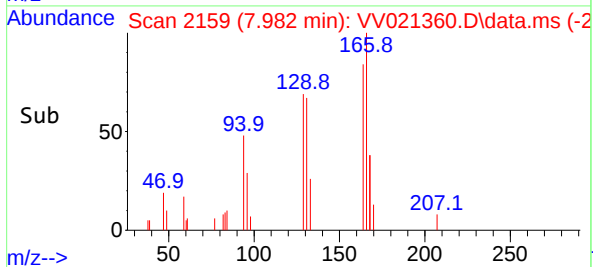
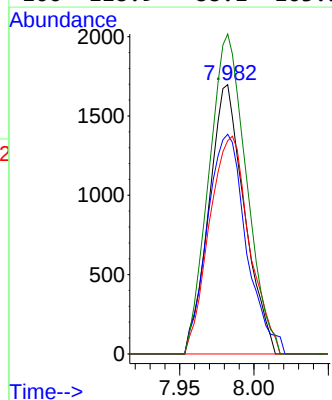
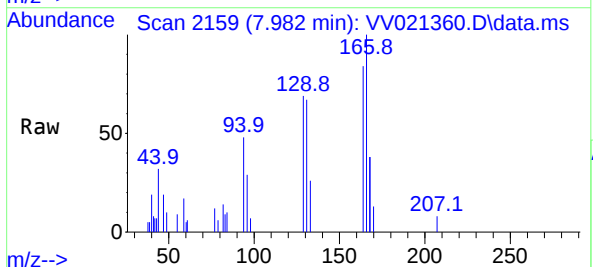
Instrument :
MSVOA_V
ClientSampleId :
GB417

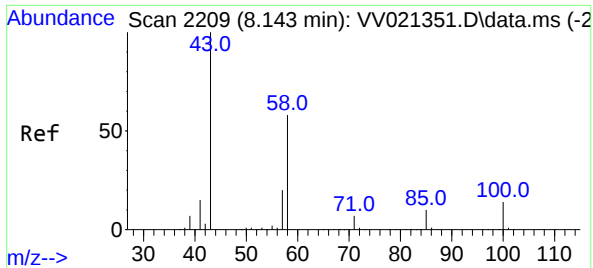
Tgt Ion: 91 Resp: 6722
Ion Ratio Lower Upper
91 100
92 48.7 40.5 75.1



#47
Tetrachloroethene
Concen: 0.16 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 164 Resp: 2826
Ion Ratio Lower Upper
164 100
129 81.6 65.0 120.6
131 79.2 61.8 114.8
166 118.9 88.1 163.5





#48
2-Hexanone
Concen: 5.24 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Instrument :
MSVOA_V
ClientSampleId :
GB417

Tgt Ion: 43	Resp: 43358
Ion Ratio	Lower Upper
43 100	
58 49.2	47.8 71.8
57 15.7	16.6 24.8#
100 8.9	11.5 17.3#

