

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042177.D
 Acq On : 22 Jan 2021 18:10
 Operator : SY/MD
 Sample : M1222-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E19

Quant Time: Jan 23 06:24:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

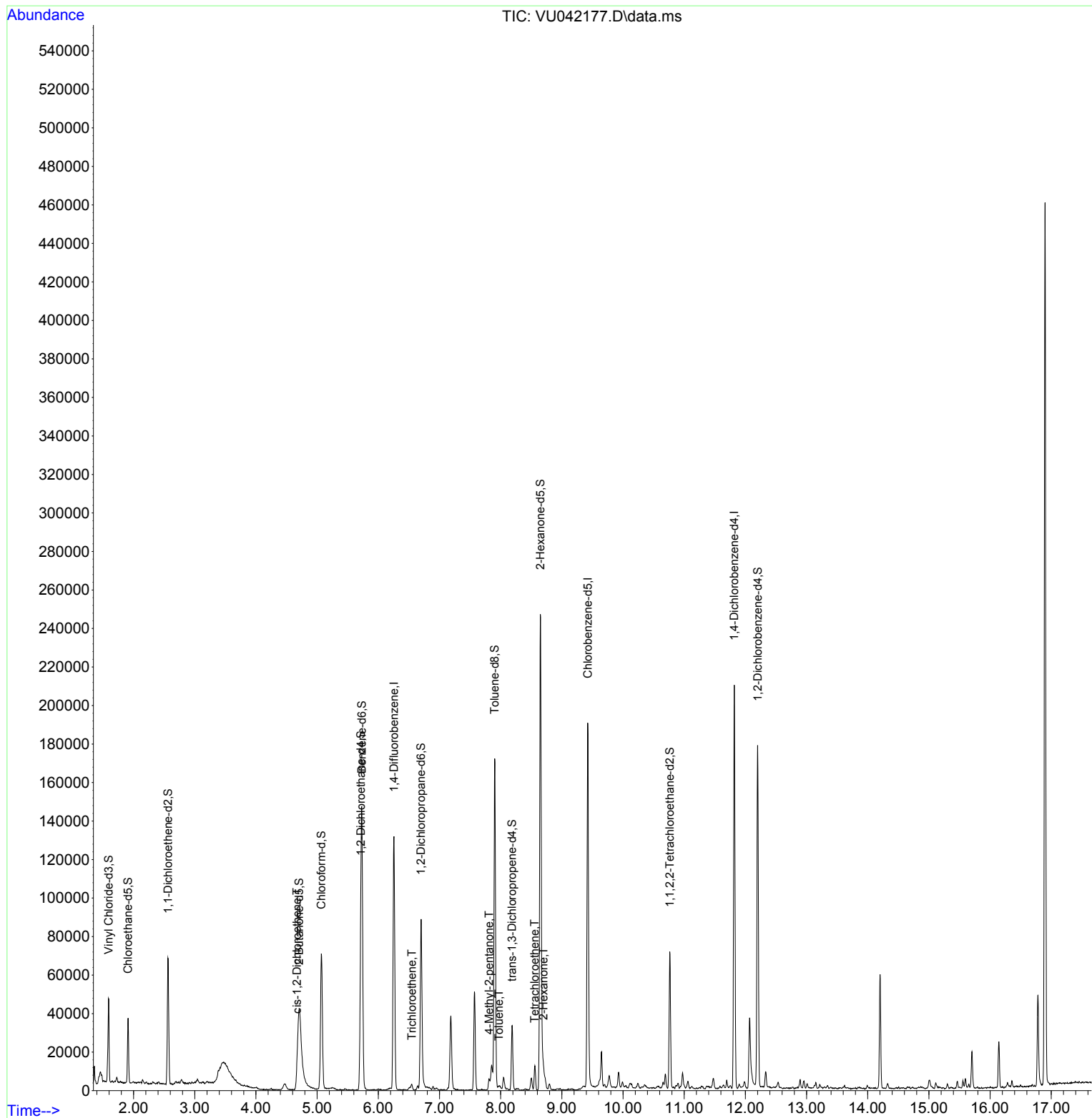
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101431	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52010	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	24290	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.909	69	21690	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.562	63	38576	2.68	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.706	46	118110	49.47	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	5.070	84	62198	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.713	65	38476	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.732	84	113979	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	37726	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.902	98	104657	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.185	79	17877	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.648	63	86529	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32591	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	44275	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.671	96	3135	0.40	ug/L	98
34) Trichloroethene	6.549	95	994	0.13	ug/L	91
40) 4-Methyl-2-pentanone	7.809	43	6591	1.05	ug/L #	75
42) Toluene	7.973	91	1407	0.05	ug/L	98
47) Tetrachloroethene	8.555	164	2385	0.38	ug/L	92
48) 2-Hexanone	8.700	43	6036	1.38	ug/L #	71

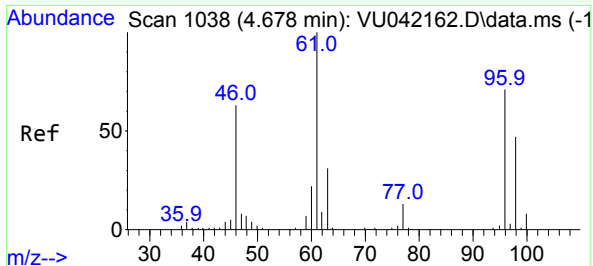
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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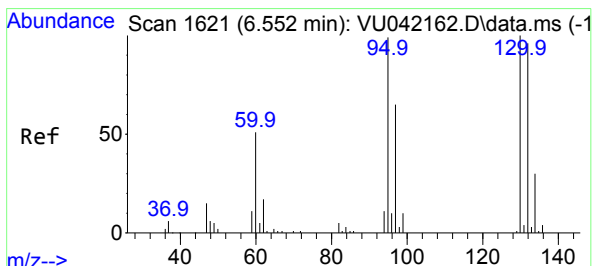
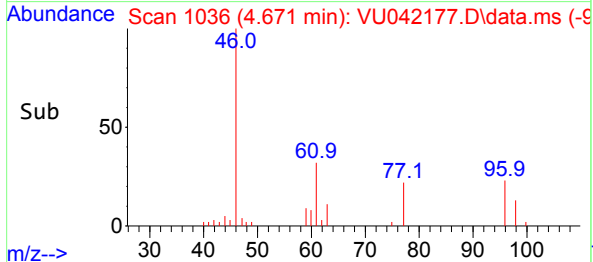
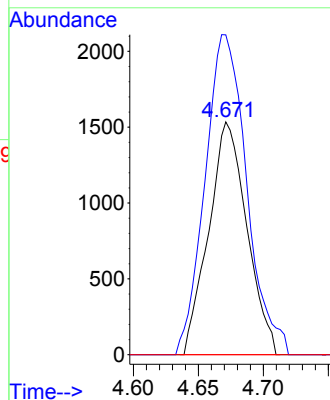
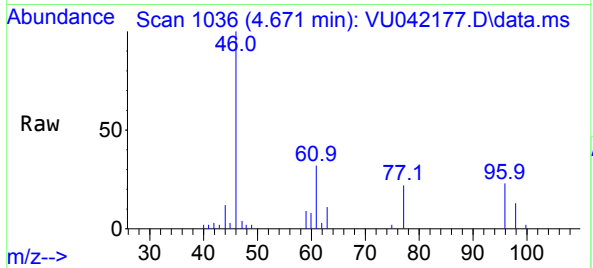


#22
cis-1,2-Dichloroethene
Concen: 0.40 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

Instrument :
MSVOA_U
ClientSampleId :
F1E19

Tgt Ion: 96 Resp: 3135

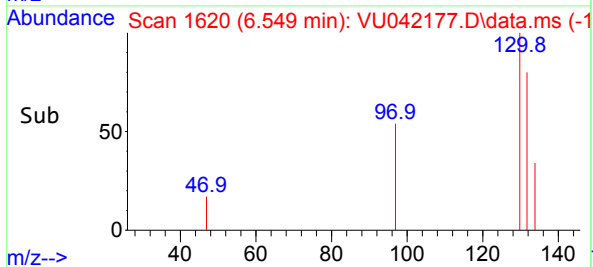
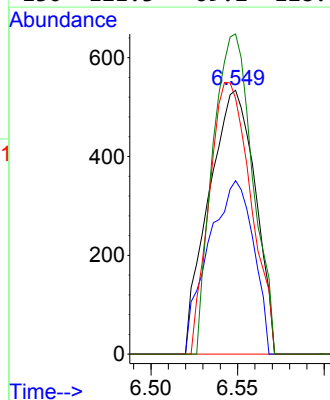
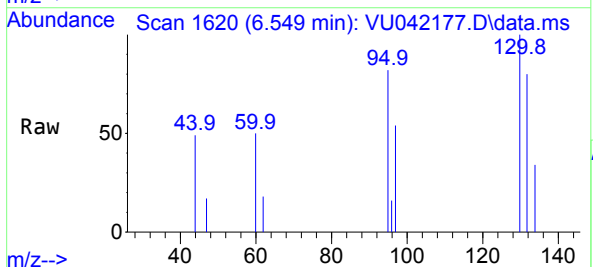
Ion	Ratio	Lower	Upper
96	100		
61	137.4	97.8	181.6
68	0.0	0.0	0.0

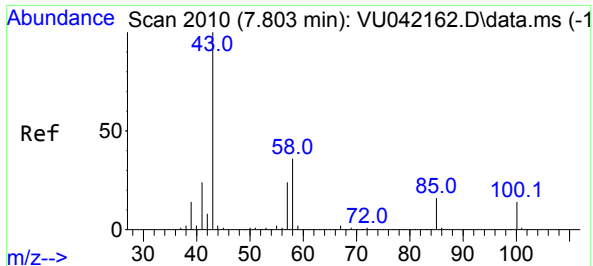


#34
Trichloroethene
Concen: 0.13 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

Tgt Ion: 95 Resp: 994

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.4	82.4
132	97.0	68.0	126.4
130	121.3	69.2	128.4

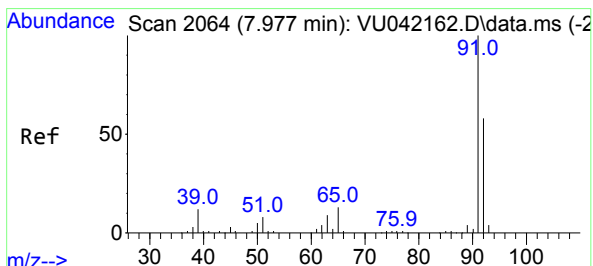
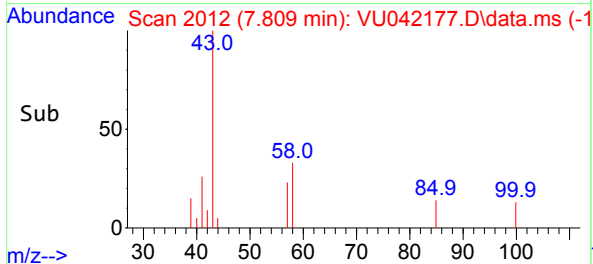
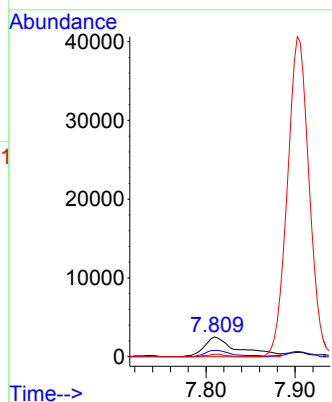
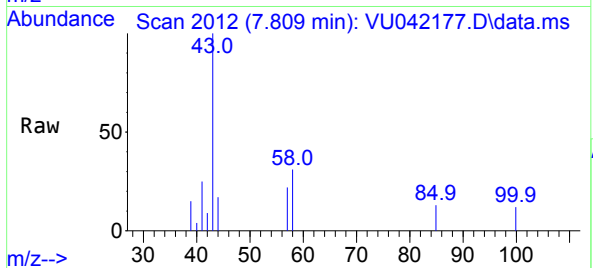




#40
4-Methyl-2-pentanone
Concen: 1.05 ug/L
RT: 7.809 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

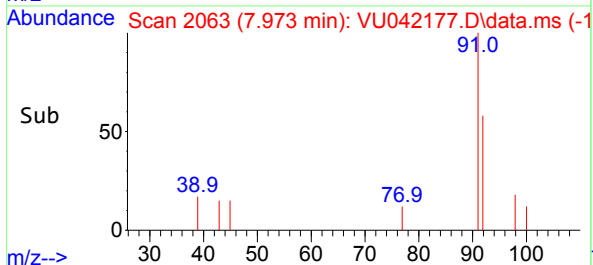
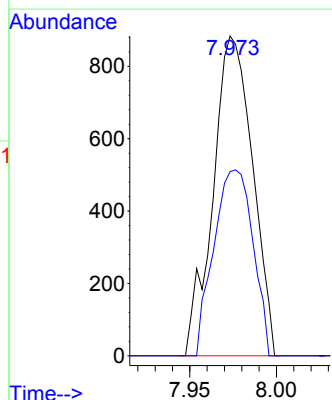
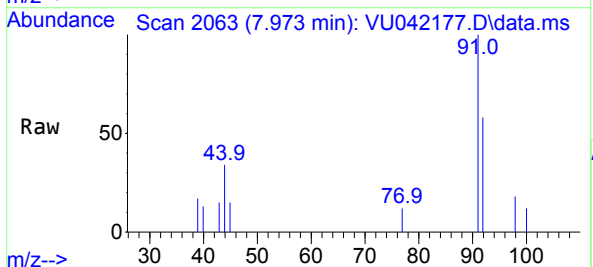
Instrument :
MSVOA_U
ClientSampled :
F1E19

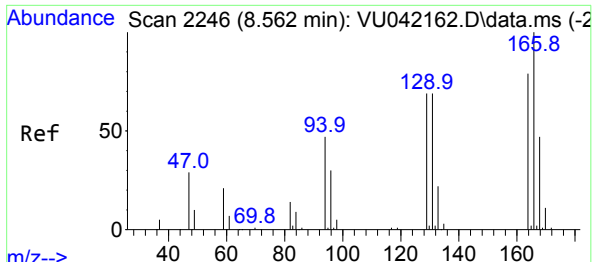
Tgt Ion: 43 Resp: 6591
Ion Ratio Lower Upper
43 100
58 23.9 29.1 43.7#
100 0.0 11.0 16.4#



#42
Toluene
Concen: 0.05 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

Tgt Ion: 91 Resp: 1407
Ion Ratio Lower Upper
91 100
92 57.6 41.2 76.6



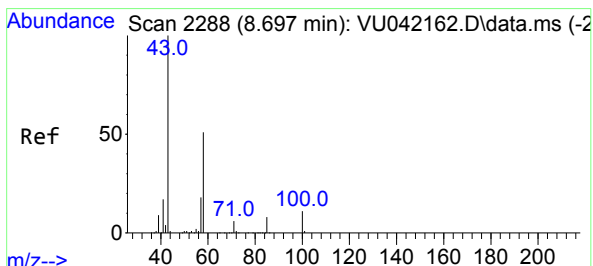
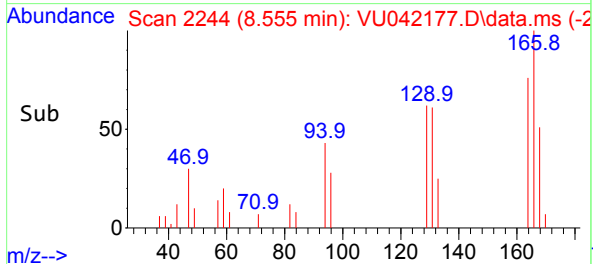
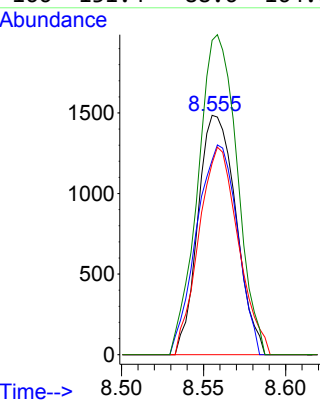
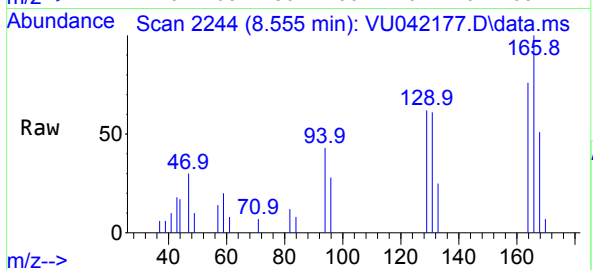


#47
Tetrachloroethene
Concen: 0.38 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.007 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

Instrument :
MSVOA_U
ClientSampleId :
F1E19

Tgt Ion:164 Resp: 2385

Ion	Ratio	Lower	Upper
164	100		
129	81.2	64.3	119.5
131	79.9	62.2	115.6
166	131.4	88.6	164.6



#48
2-Hexanone
Concen: 1.38 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU042177.D
Acq: 22 Jan 2021 18:10

Tgt Ion: 43 Resp: 6036

Ion	Ratio	Lower	Upper
43	100		
58	51.2	40.6	61.0
57	72.1	14.9	22.3#
100	8.1	8.6	12.8#

