

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075514.D
 Acq On : 20 Mar 2023 13:28
 Operator : KP/SY
 Sample : 01980-03
 Misc : 8.76G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EYGC3

Quant Time: Mar 21 06:40:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 21 06:31:16 2023
 Response via : Initial Calibration

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

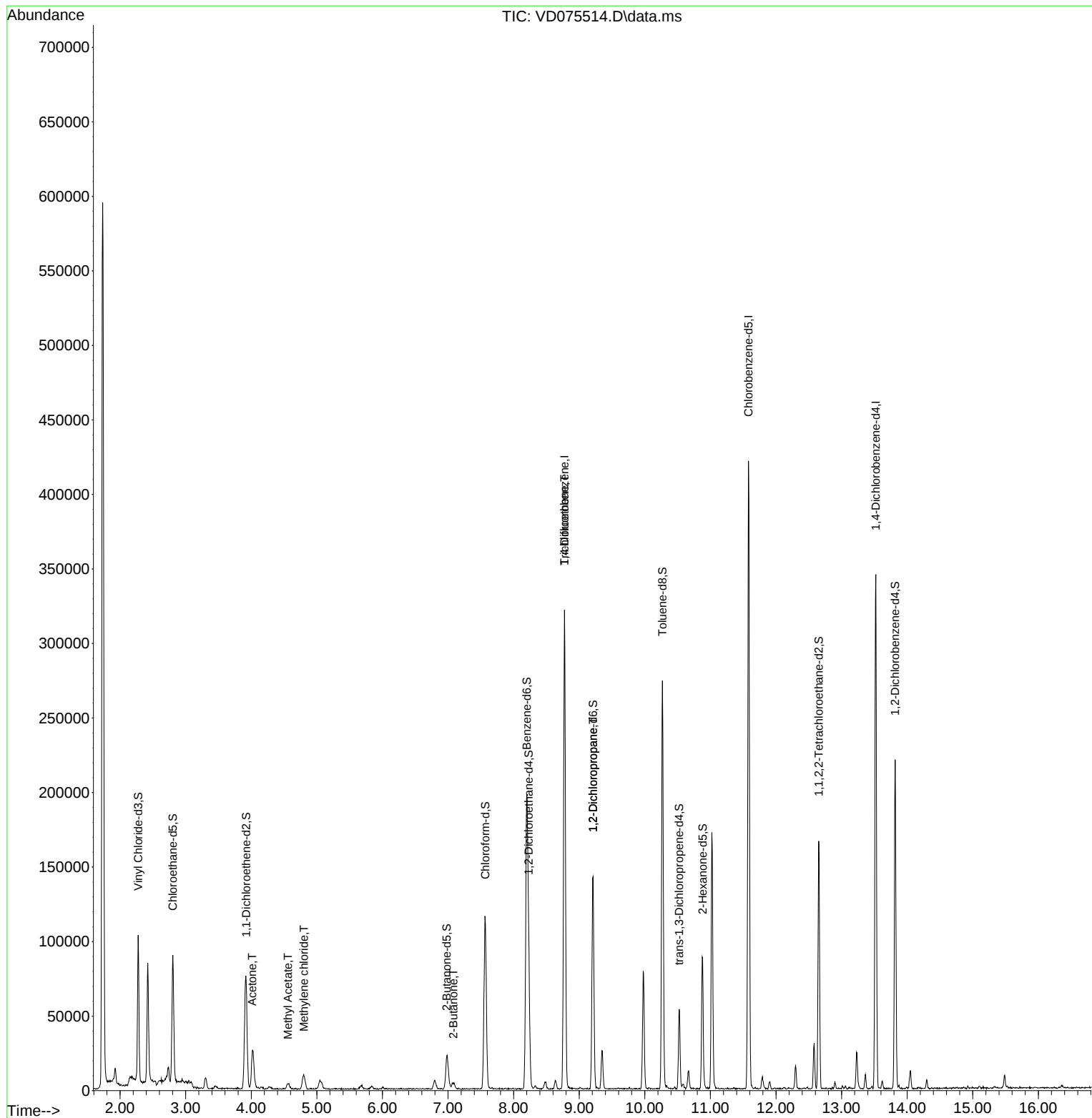
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	307847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270702	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	100207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91133	11.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.680%
7) Chloroethane-d5	2.805	69	93904	14.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.800%
11) 1,1-Dichloroethene-d2	3.922	63	63880	8.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.800%#
21) 2-Butanone-d5	6.981	46	37413	52.818	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.640%
24) Chloroform-d	7.569	84	125350	15.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.160%
26) 1,2-Dichloroethane-d4	8.228	65	63062	18.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.160%
32) Benzene-d6	8.199	84	231286	14.387	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	57.560%
36) 1,2-Dichloropropane-d6	9.210	67	74229	16.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.360%#
41) Toluene-d8	10.269	98	203997	13.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.640%
43) trans-1,3-Dichloroprop...	10.522	79	32286	17.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.560%
47) 2-Hexanone-d5	10.881	63	34406	52.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84524	22.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	62886	17.941	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.760%#
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	43960	54.939	ug/L	96
15) Methyl Acetate	4.558	43	6419	4.727	ug/L #	81
16) Methylene chloride	4.805	84	8396	1.291	ug/L	86
22) 2-Butanone	7.081	43	4254	4.190	ug/L	71
34) Trichloroethene	8.775	95	8363	1.646	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	7661	1.603	ug/L #	86

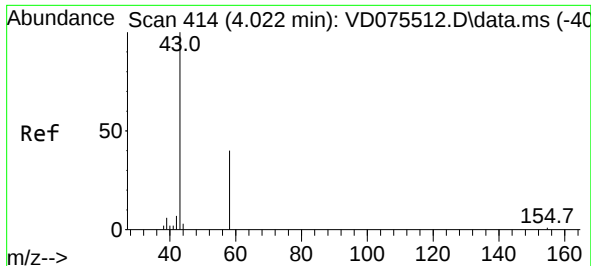
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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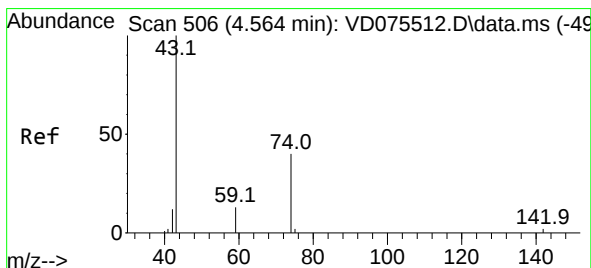
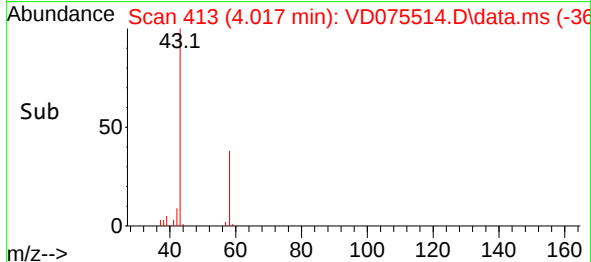
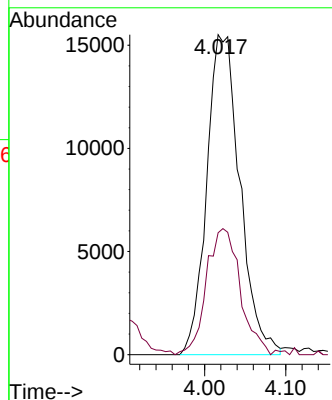
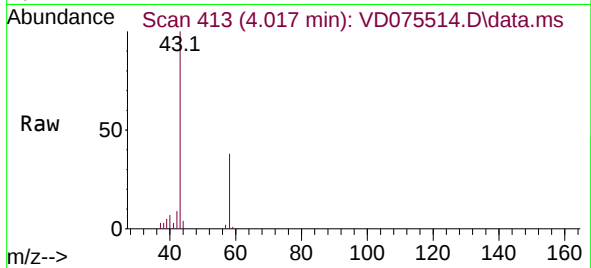




#13
Acetone
Concen: 54.939 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075514.D
Acq: 20 Mar 2023 13:28

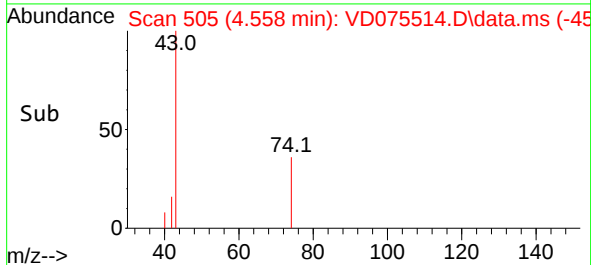
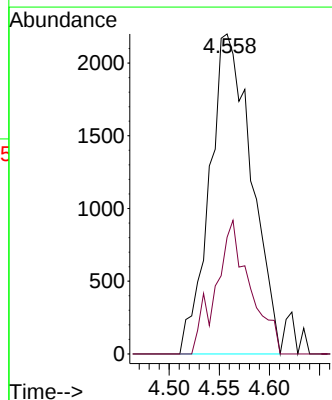
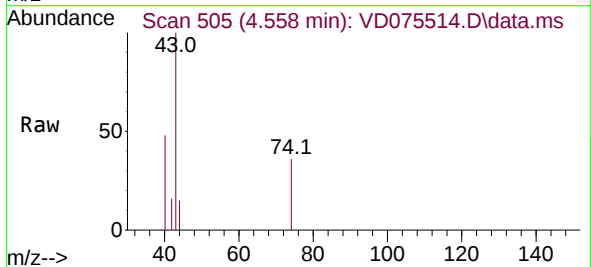
Instrument :
MSVOA_D
ClientSampleId :
EYGC3

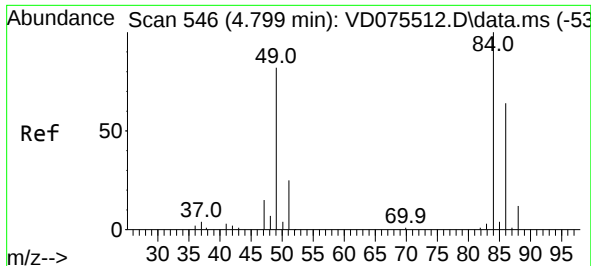
Tgt Ion: 43 Resp: 43960
Ion Ratio Lower Upper
43 100
58 40.1 0.0 75.4



#15
Methyl Acetate
Concen: 4.727 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075514.D
Acq: 20 Mar 2023 13:28

Tgt Ion: 43 Resp: 6419
Ion Ratio Lower Upper
43 100
74 21.7 25.7 38.5#

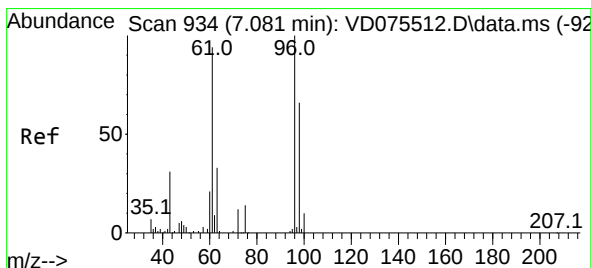
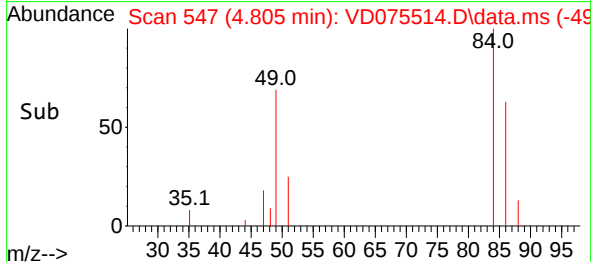
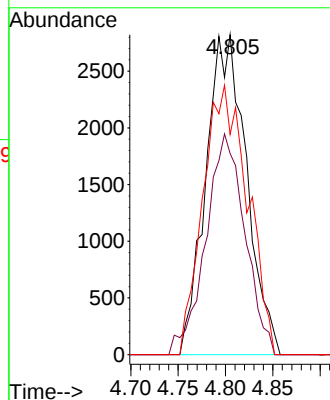
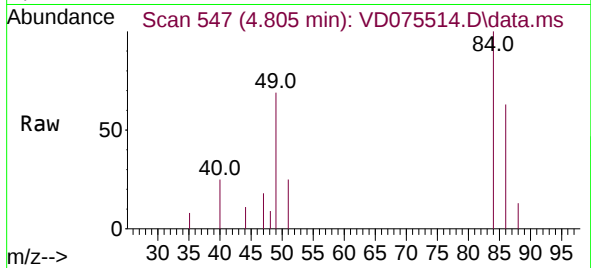




#16
Methylene chloride
Concen: 1.291 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075514.D
Acq: 20 Mar 2023 13:28

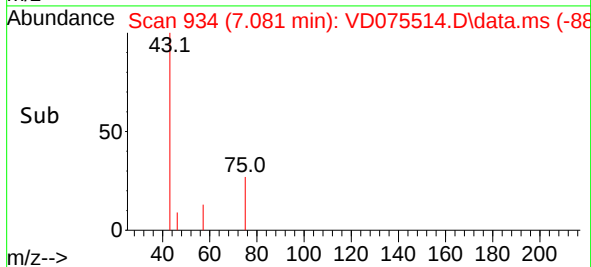
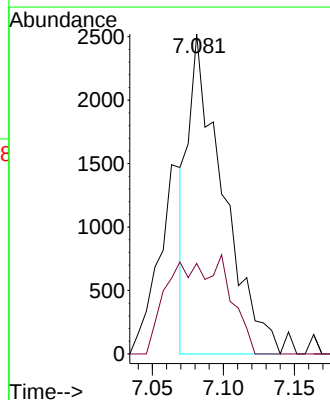
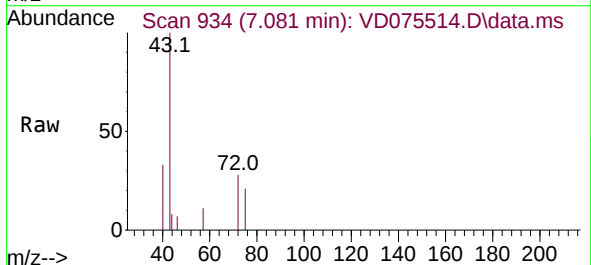
Instrument :
MSVOA_D
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EYGC3

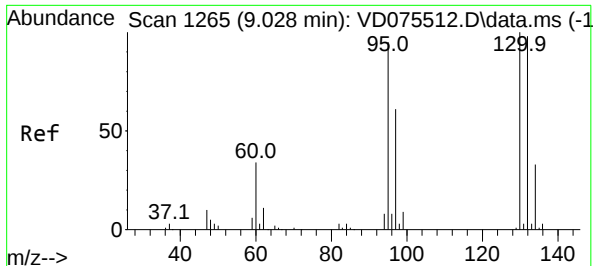
Tgt Ion: 84 Resp: 8396
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 68.9 63.6 118.2



#22
2-Butanone
Concen: 4.190 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075514.D
Acq: 20 Mar 2023 13:28

Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
72 19.7 18.3 54.9



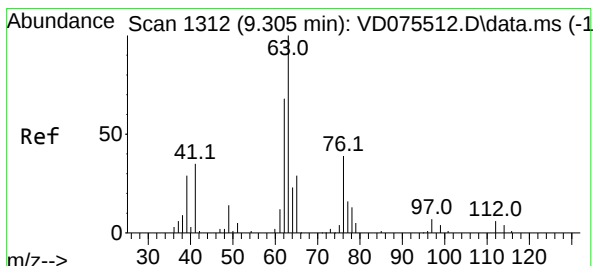
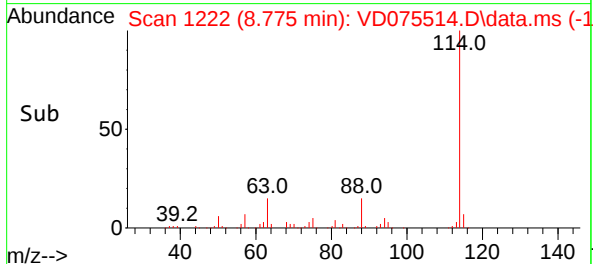
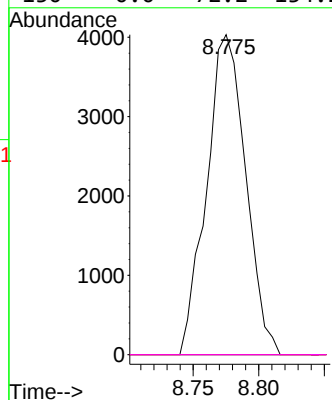
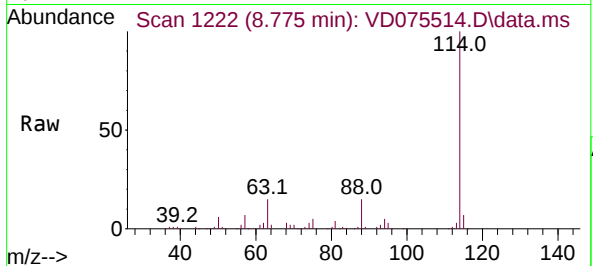


#34
 Trichloroethene
 Concen: 1.646 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD075514.D
 Acq: 20 Mar 2023 13:28

Instrument :
 MSVOA_D
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Tgt Ion: 95 Resp: 8363

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	83.1#
132	0.0	70.0	130.0#
130	0.0	72.2	134.2#



#37
 1,2-Dichloropropane
 Concen: 1.603 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.095 min
 Lab File: VD075514.D
 Acq: 20 Mar 2023 13:28

Tgt Ion: 63 Resp: 7661

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

