

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055046.D
 Acq On : 01 Sep 2023 17:39
 Operator : MD/SY
 Sample : 04153-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:48:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

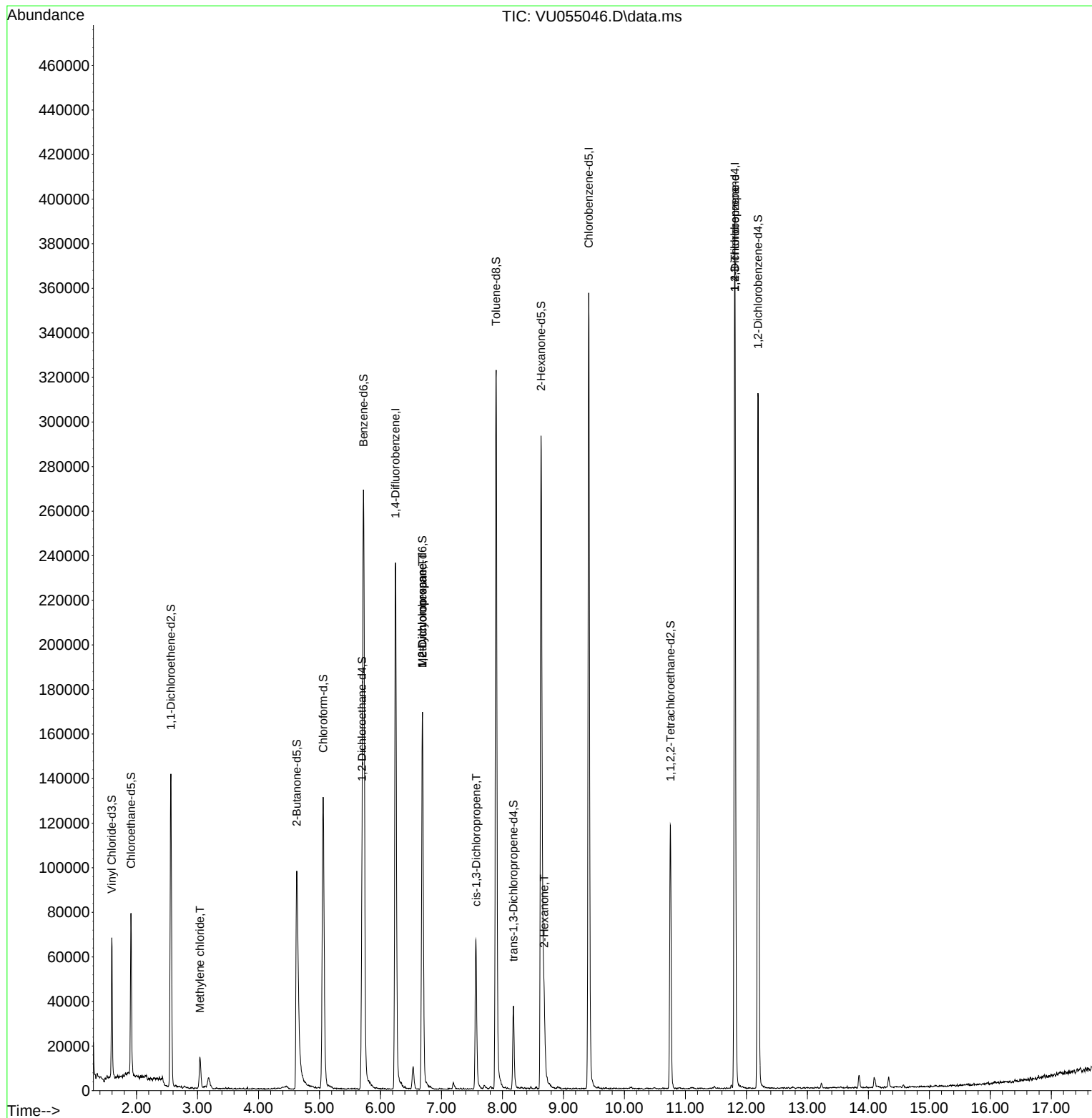
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188457	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43096	4.879	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.911	69	50864	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.563	65	26679	5.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.000%
20) 2-Butanone-d5	4.628	46	153756	59.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.980%
24) Chloroform-d	5.062	84	120758	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.698	65	66312	5.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.724	84	246992	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.689	67	82255	5.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.898	98	221667	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.180	79	20231	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.634	63	95831	56.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57527	5.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	80053	5.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	6598	0.496	ug/L	87
35) Methylcyclohexane	6.689	83	18439	1.141	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9512	0.843	ug/L #	88
39) cis-1,3-Dichloropropene	7.570	75	1864	0.121	ug/L #	52
48) 2-Hexanone	8.685	43	21358	4.237	ug/L #	82
61) 1,2,3-Trichloropropane	11.811	75	13661	2.076	ug/L #	70

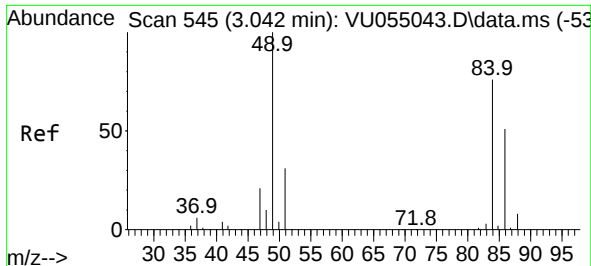
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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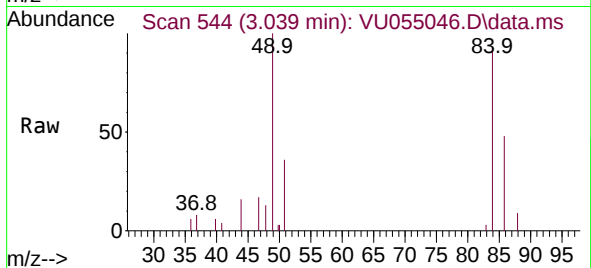
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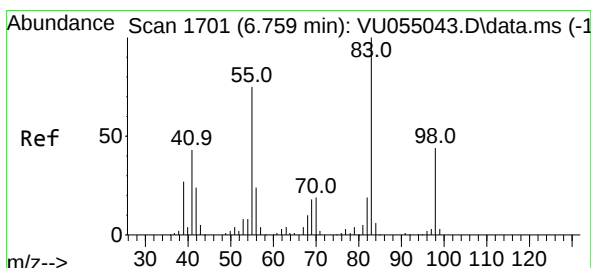
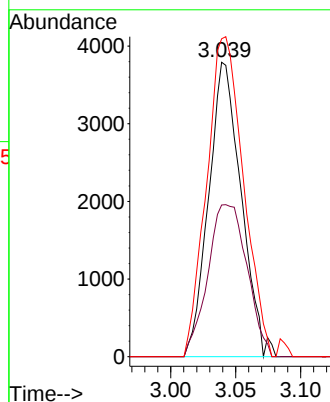
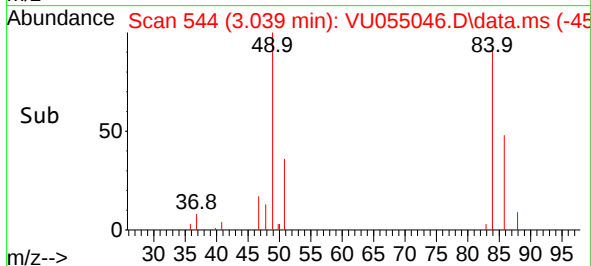


#16
Methylene chloride
Concen: 0.496 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

Instrument :
MSVOA_U
ClientSampleId :

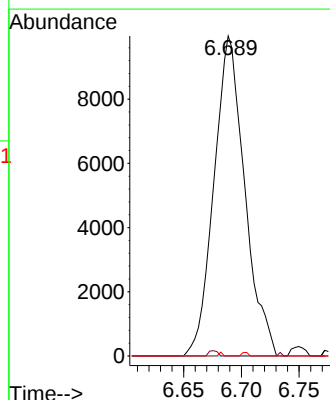
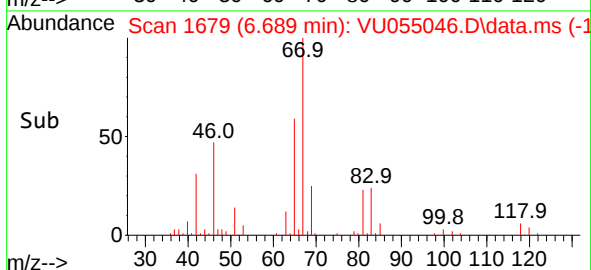
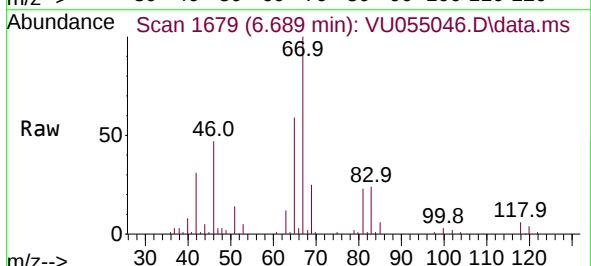


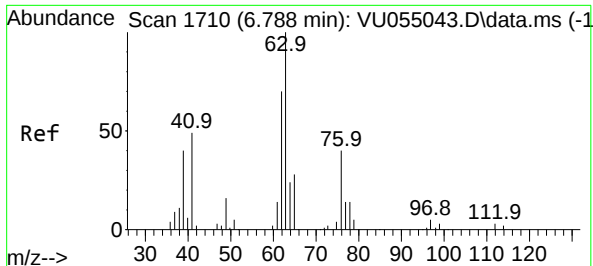
Tgt Ion: 84 Resp: 6598
Ion Ratio Lower Upper
84 100
86 51.5 43.4 80.6
49 111.4 87.7 162.9



#35
Methylcyclohexane
Concen: 1.141 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

Tgt Ion: 83 Resp: 18439
Ion Ratio Lower Upper
83 100
55 0.5 60.4 90.6#
98 0.1 35.3 52.9#

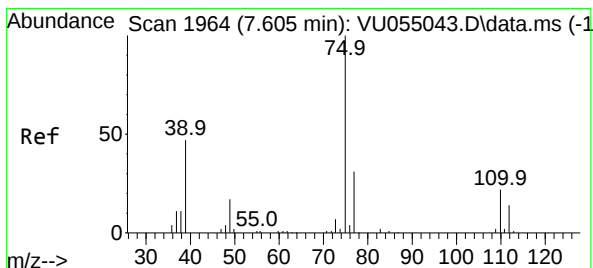
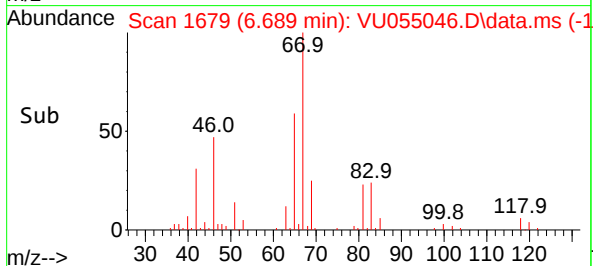
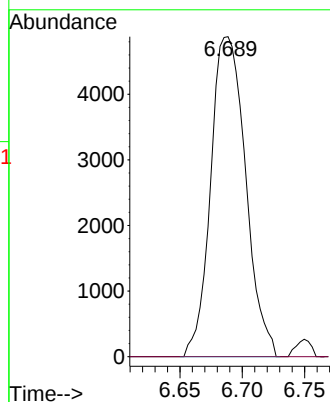
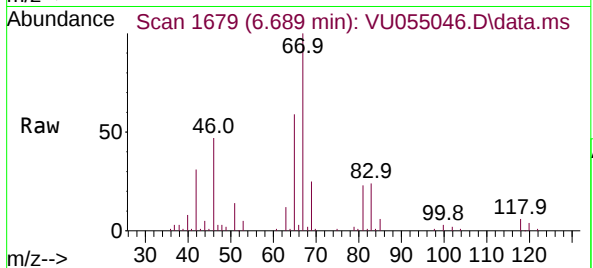




#37
1,2-Dichloropropane
Concen: 0.843 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

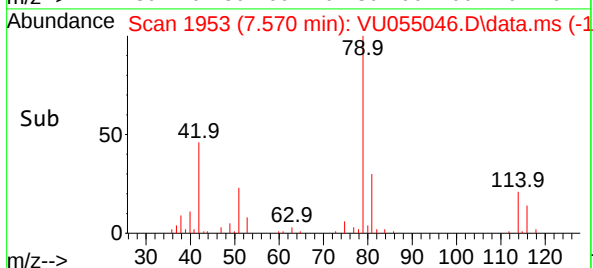
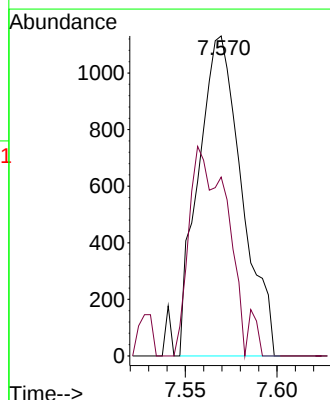
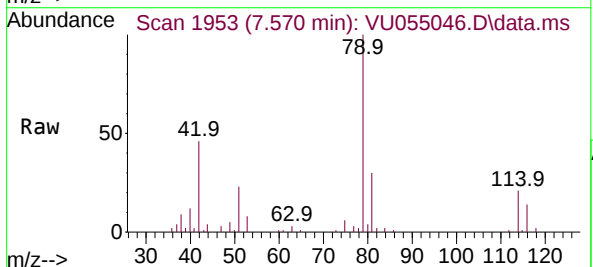
Instrument :
MSVOA_U
ClientSampleId :

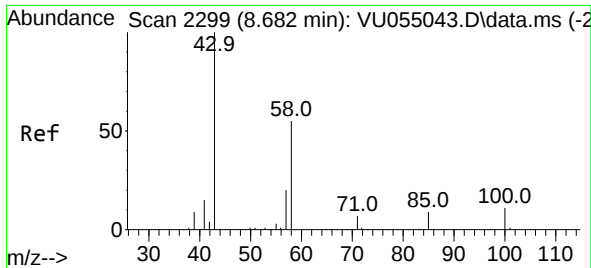
Tgt Ion: 63 Resp: 9512
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.570 min Scan# 1953
Delta R.T. -0.035 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

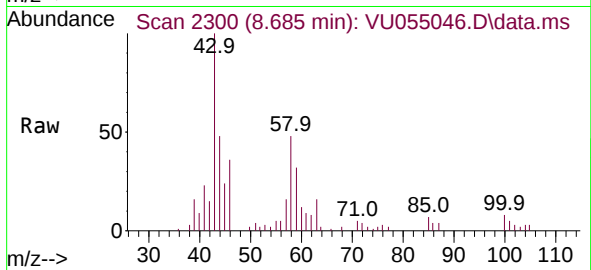
Tgt Ion: 75 Resp: 1864
Ion Ratio Lower Upper
75 100
77 55.9 20.9 38.9#



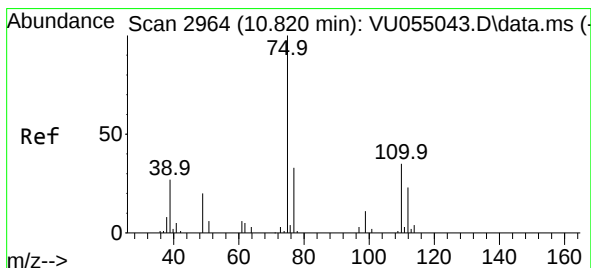
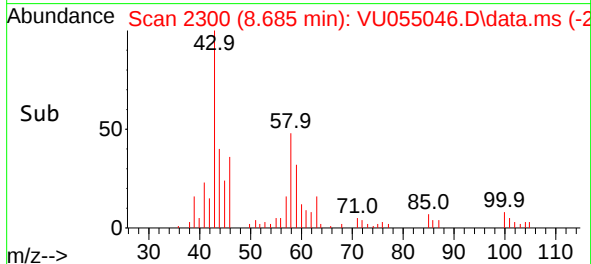
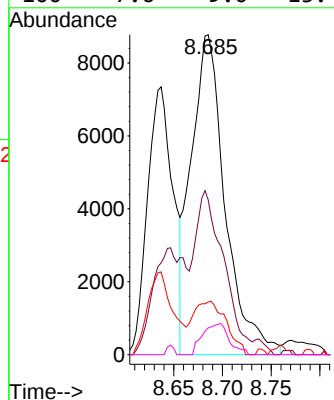


#48
2-Hexanone
Concen: 4.237 ug/L
RT: 8.685 min Scan# 21358
Delta R.T. 0.003 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

Instrument :
MSVOA_U
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	44.0	66.0#
57	16.2	16.2	24.2
100	7.6	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 2.076 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055046.D
Acq: 01 Sep 2023 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.2	42.2#
77	33.6	26.2	39.4

