

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056879.D
 Acq On : 15 Dec 2023 15:10
 Operator : MD/SY
 Sample : 05677-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC7

Quant Time: Dec 15 22:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

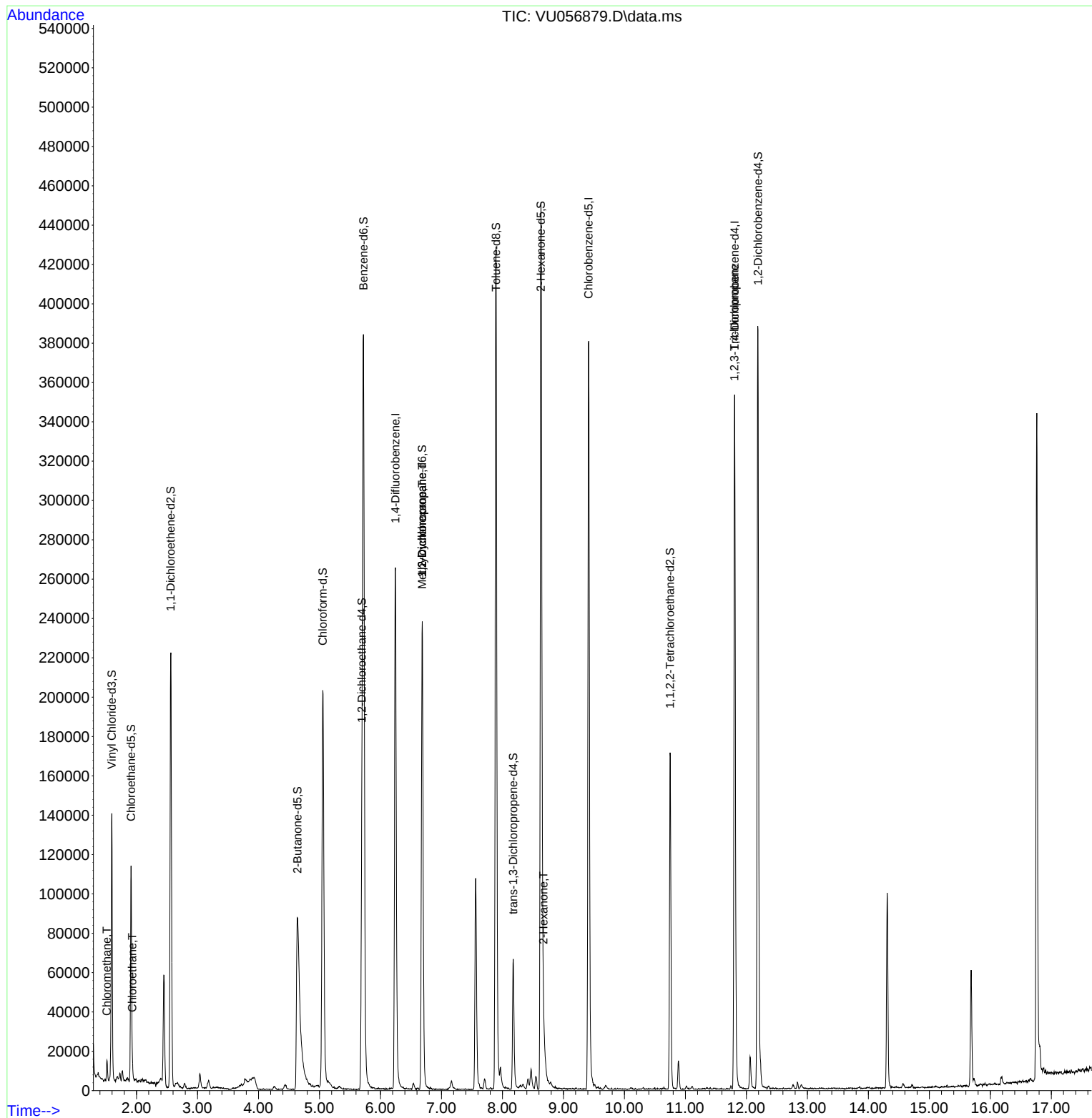
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	220468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95260	5.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	80378	5.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.560	65	44068	5.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.640	46	208627	55.902	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.800%
24) Chloroform-d	5.055	84	194883	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	5.695	65	94210	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.721	84	371448	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.685	67	117842	5.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.894	98	296852	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.177	79	40522	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	164928	51.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84001	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	106933	5.649	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7075	0.311	ug/L	94
8) Chloroethane	1.933	64	2440	0.185	ug/L	90
35) Methylcyclohexane	6.682	83	26869	0.838	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12318	0.608	ug/L #	89
48) 2-Hexanone	8.672	43	8594	1.254	ug/L #	75
61) 1,2,3-Trichloropropane	11.804	75	12606	1.219	ug/L #	70

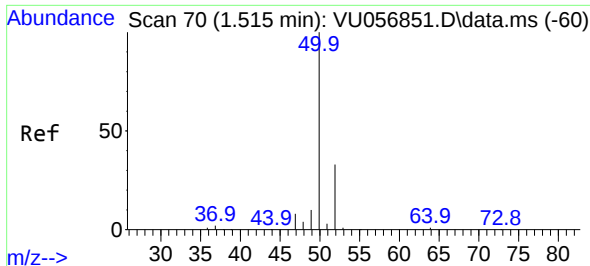
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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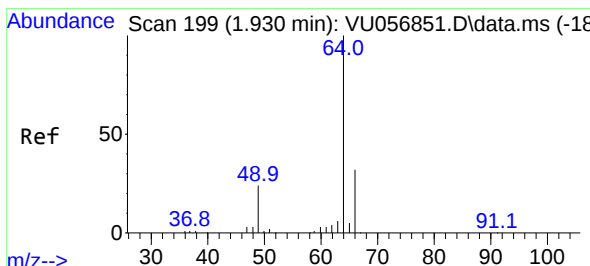
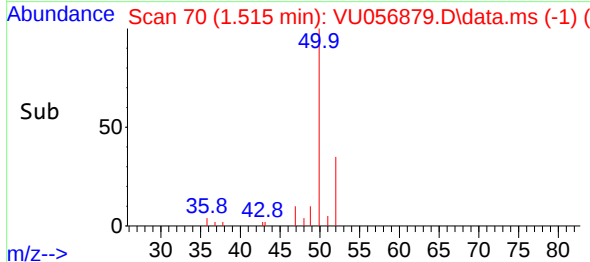
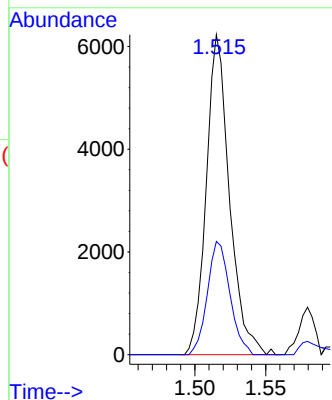
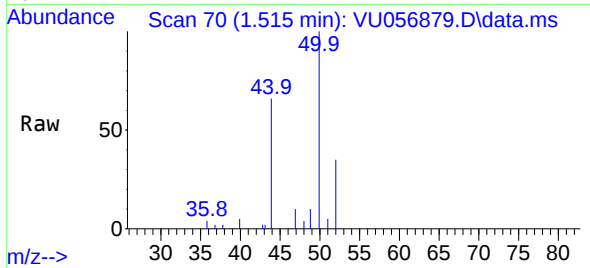




#3
Chloromethane
Concen: 0.311 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056879.D
Acq: 15 Dec 2023 15:10

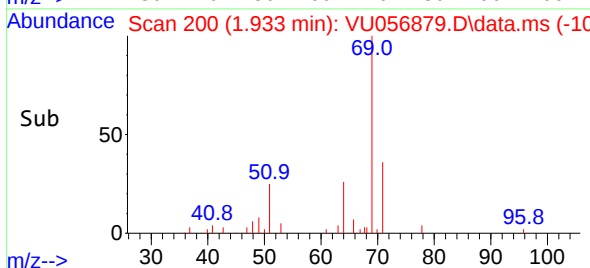
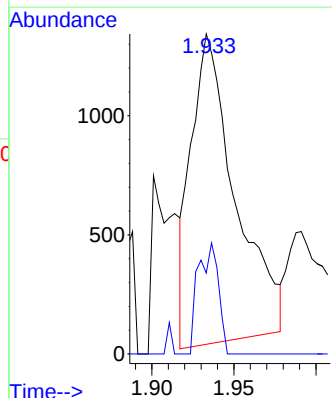
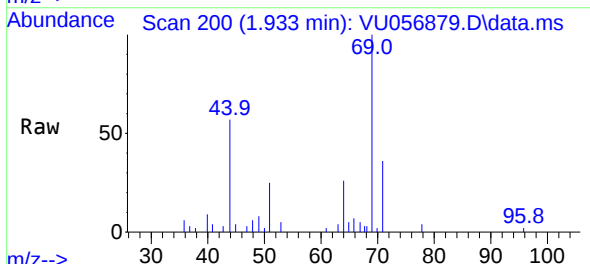
Instrument :
MSVOA_U
ClientSampleId :
H0AC7

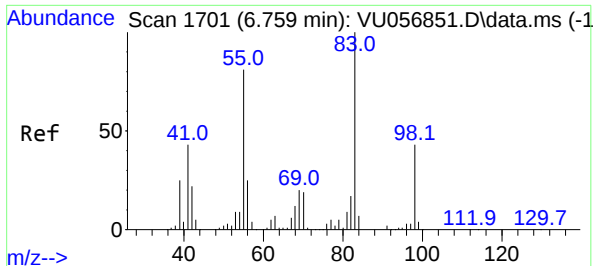
Tgt Ion: 50 Resp: 7075
Ion Ratio Lower Upper
50 100
52 35.4 22.5 41.7



#8
Chloroethane
Concen: 0.185 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056879.D
Acq: 15 Dec 2023 15:10

Tgt Ion: 64 Resp: 2440
Ion Ratio Lower Upper
64 100
66 25.3 21.4 39.8





#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056879.D

Acq: 15 Dec 2023 15:10

Instrument :

MSVOA_U

ClientSampleId :

H0AC7

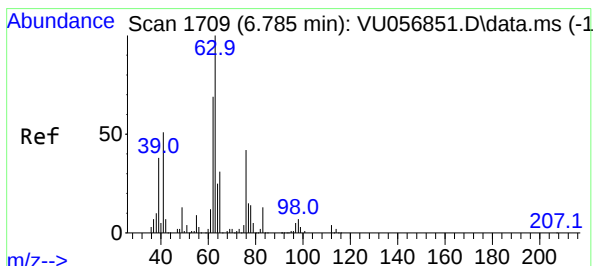
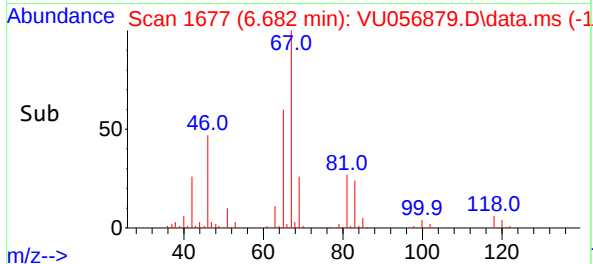
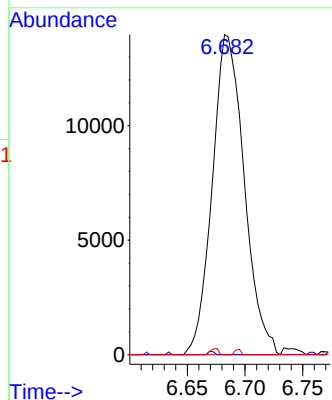
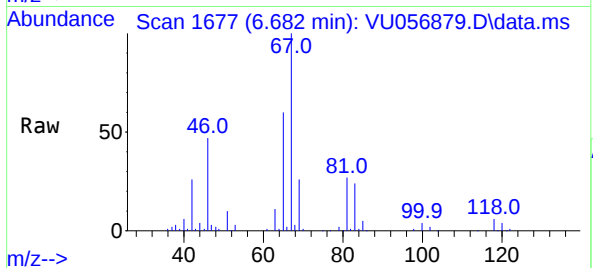
Tgt Ion: 83 Resp: 26869

Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.5 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056879.D

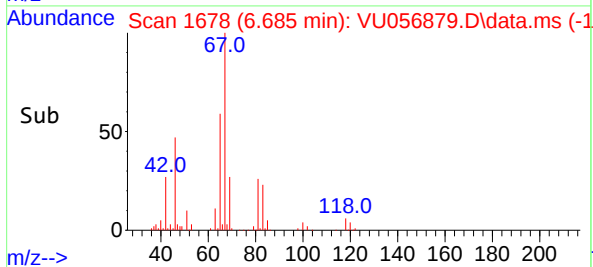
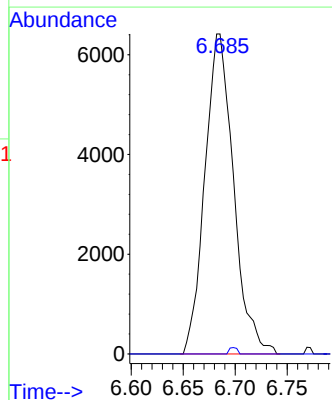
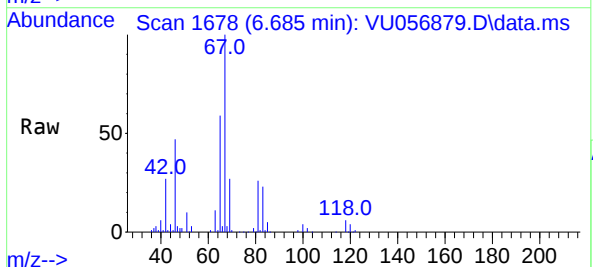
Acq: 15 Dec 2023 15:10

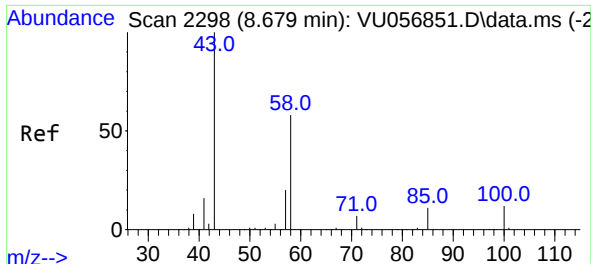
Tgt Ion: 63 Resp: 12318

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#

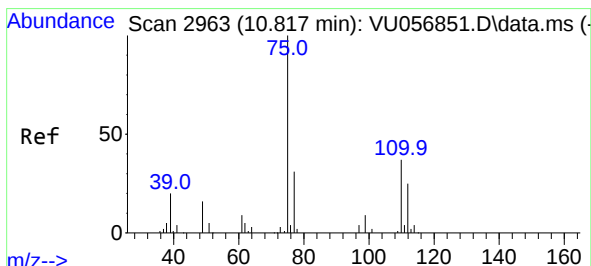
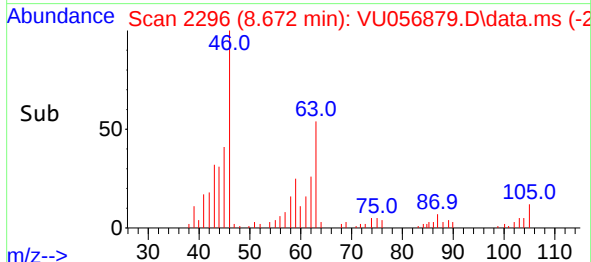
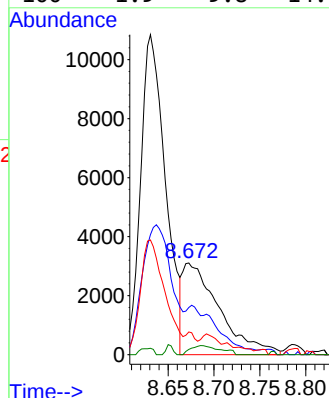
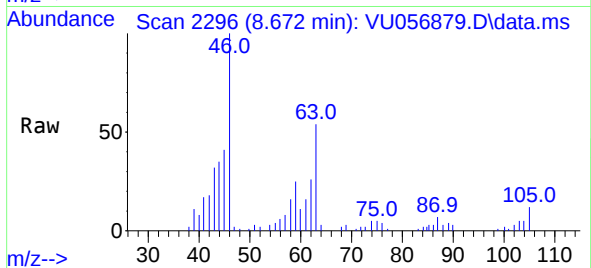




#48
2-Hexanone
Concen: 1.254 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU056879.D
Acq: 15 Dec 2023 15:10

Instrument :
MSVOA_U
ClientSampleId :
H0AC7

Tgt Ion:	43	Resp:	8594
Ion	Ratio	Lower	Upper
43	100		
58	43.5	47.5	71.3#
57	5.0	17.0	25.4#
100	1.9	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.219 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU056879.D
Acq: 15 Dec 2023 15:10

Tgt Ion:	75	Resp:	12606
Ion	Ratio	Lower	Upper
75	100		
110	3.2	28.4	42.6#
77	31.1	26.3	39.5

