

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053136.D
 Acq On : 18 Feb 2023 16:02
 Operator : JC/MD
 Sample : 01612-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM91

Quant Time: Feb 19 23:29:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

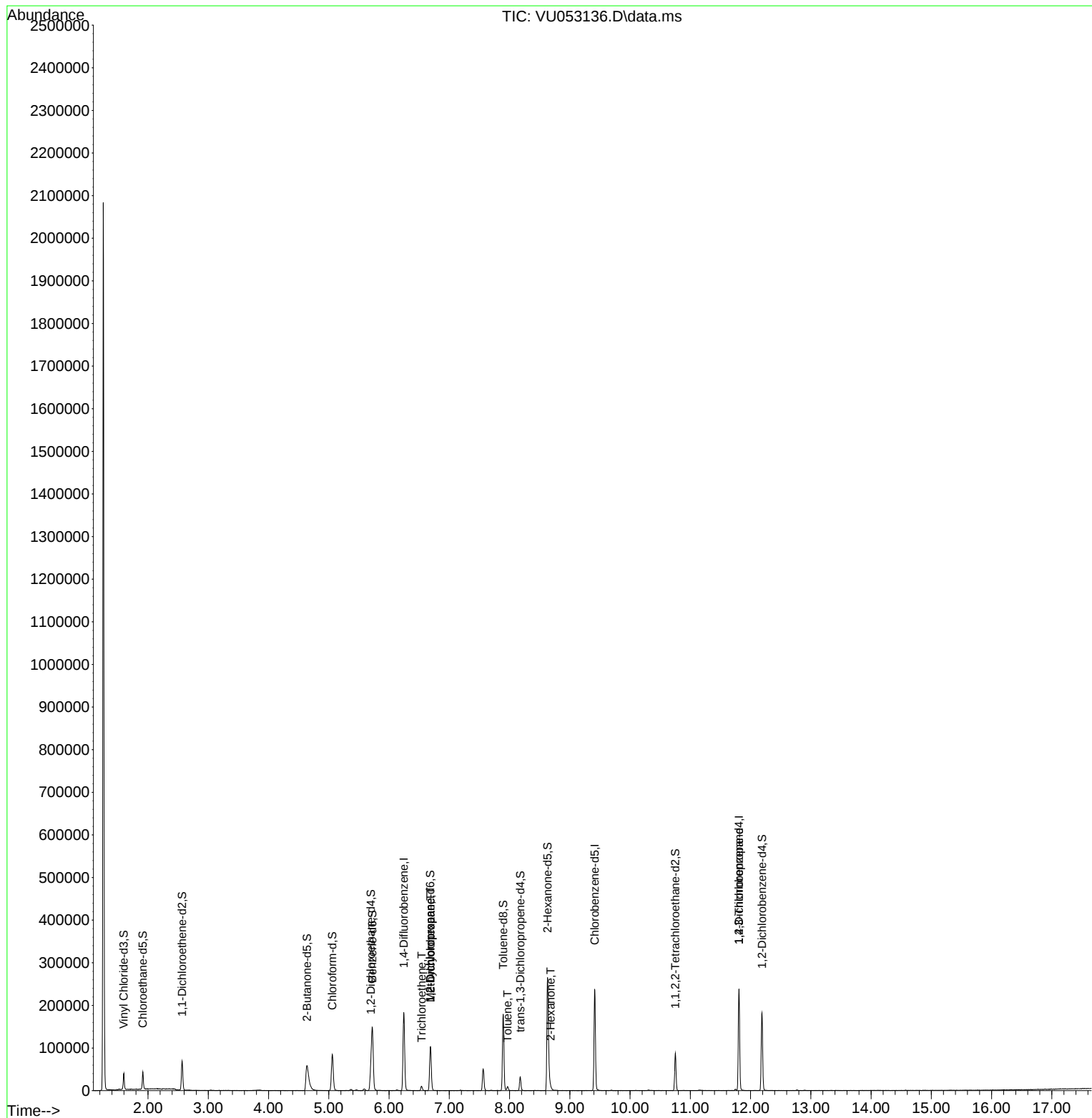
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	150015	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	131484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	26167	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.913	69	29345	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.566	65	12652	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.640	46	123095	55.926	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.860%
24) Chloroform-d	5.058	84	75275	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.698	65	40546	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.723	84	141983	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.685	67	50873	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.894	98	123201	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	18544	4.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.630	63	95708	51.746	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.500%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	44515	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	46726	5.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.540	95	3839	0.360	ug/L	96
35) Methylcyclohexane	6.688	83	11509	0.667	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	5557	0.539	ug/L #	90
42) Toluene	7.964	91	7116	0.173	ug/L	95
48) 2-Hexanone	8.681	43	4653	1.177	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	8113	1.399	ug/L #	71

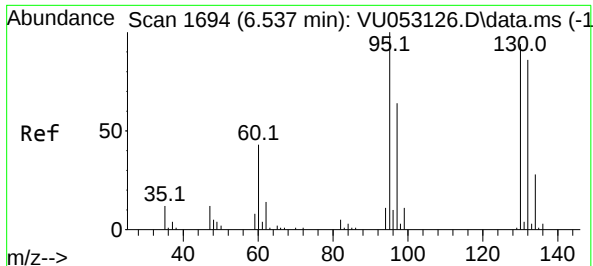
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.360 ug/L

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053136.D

Acq: 18 Feb 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

COM91

Tgt Ion: 95 Resp: 3839

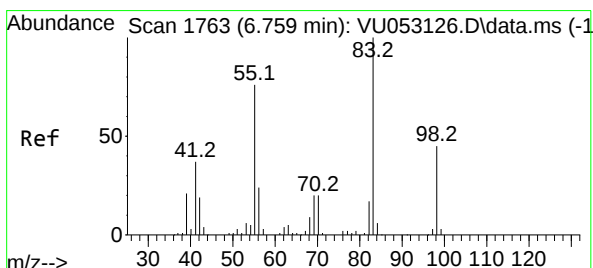
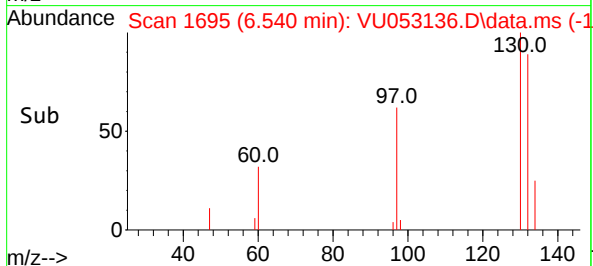
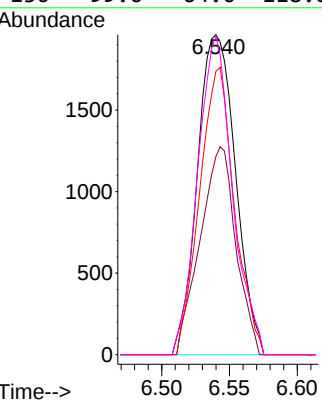
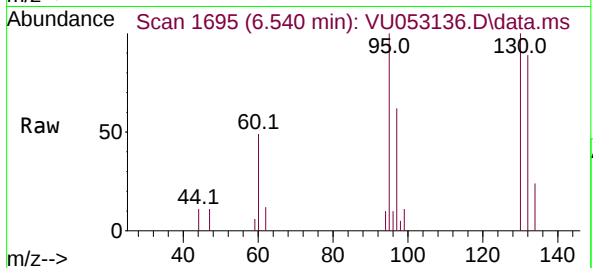
Ion Ratio Lower Upper

95 100

97 61.9 44.7 82.9

132 88.5 62.3 115.7

130 99.6 64.0 118.8



#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053136.D

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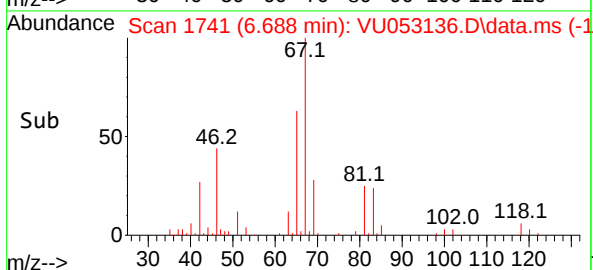
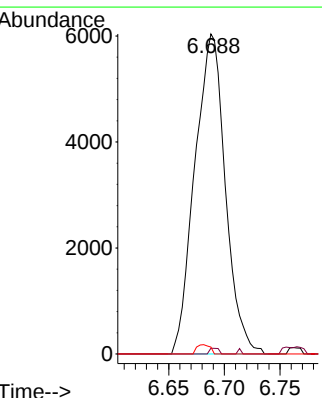
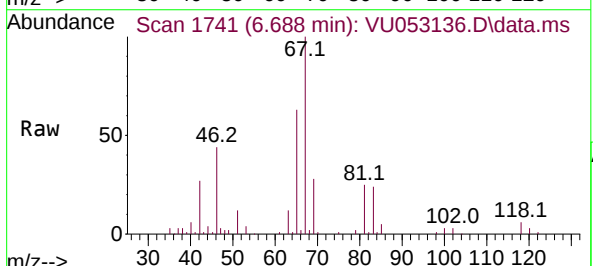
Tgt Ion: 83 Resp: 11509

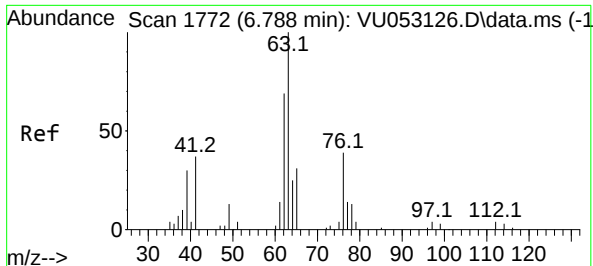
Ion Ratio Lower Upper

83 100

55 0.5 57.9 86.9#

98 1.3 36.4 54.6#

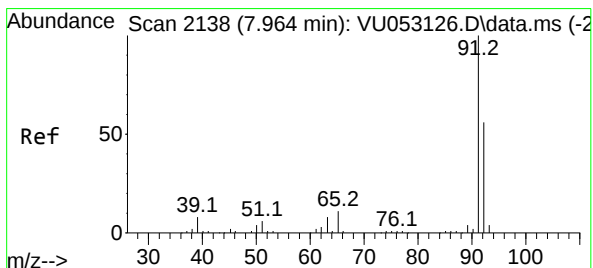
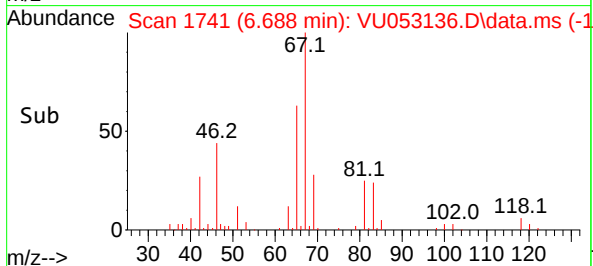
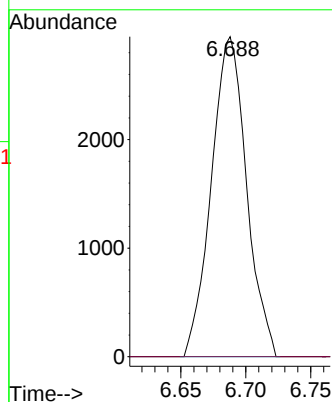
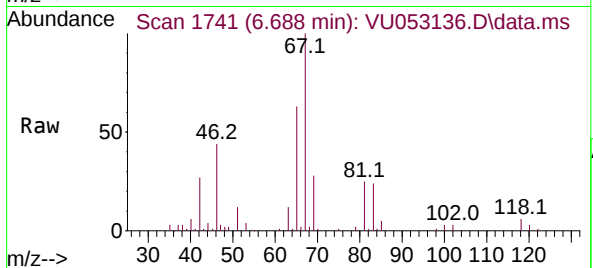




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.100 min
Lab File: VU053136.D
Acq: 18 Feb 2023 16:02

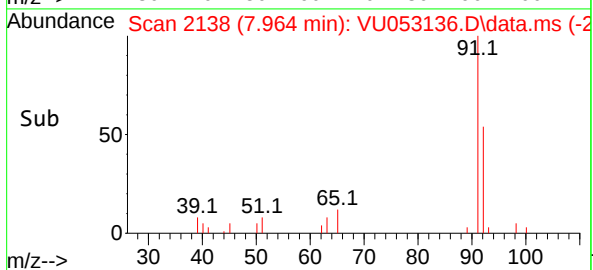
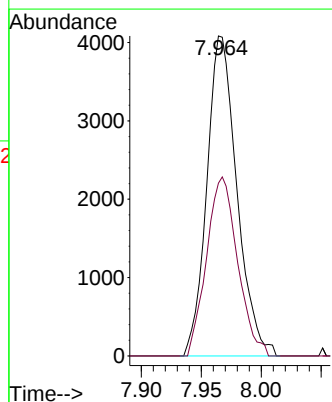
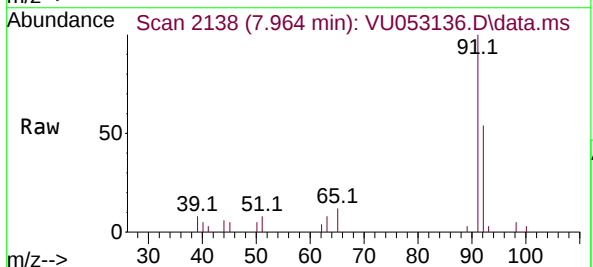
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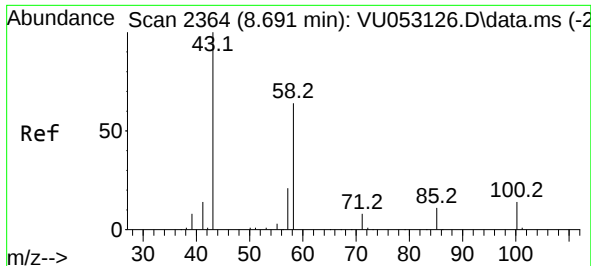
Tgt Ion: 63 Resp: 5557
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#42
Toluene
Concen: 0.173 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053136.D
Acq: 18 Feb 2023 16:02

Tgt Ion: 91 Resp: 7116
Ion Ratio Lower Upper
91 100
92 54.0 40.5 75.3

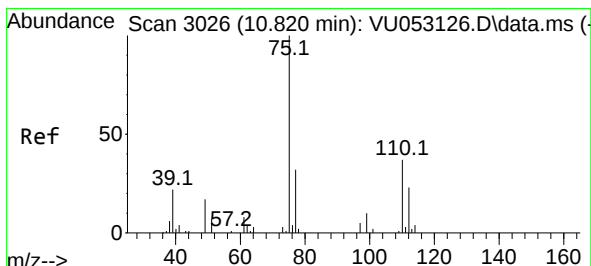
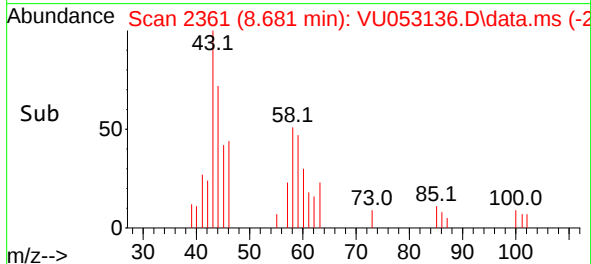
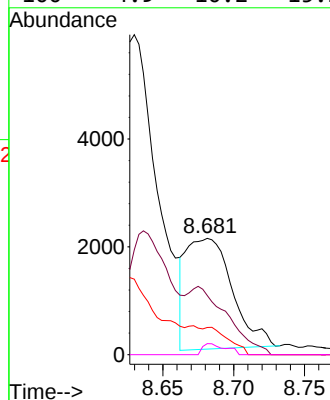
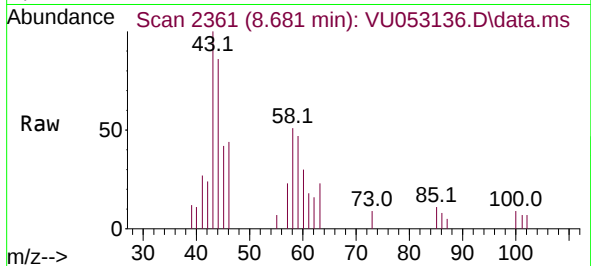




#48
2-Hexanone
Concen: 1.177 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU053136.D
Acq: 18 Feb 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
COM91

Tgt Ion:	43	Resp:	4653
Ion	Ratio	Lower	Upper
43	100		
58	51.4	50.3	75.5
57	0.0	17.4	26.0#
100	4.9	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.399 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.987 min
Lab File: VU053136.D
Acq: 18 Feb 2023 16:02

Tgt Ion:	75	Resp:	8113
Ion	Ratio	Lower	Upper
75	100		
110	2.5	28.6	42.8#
77	35.1	27.6	41.4

