

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053042.D
 Acq On : 10 Feb 2023 16:51
 Operator : JC/MD
 Sample : 01422-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B79

Quant Time: Feb 10 23:33:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

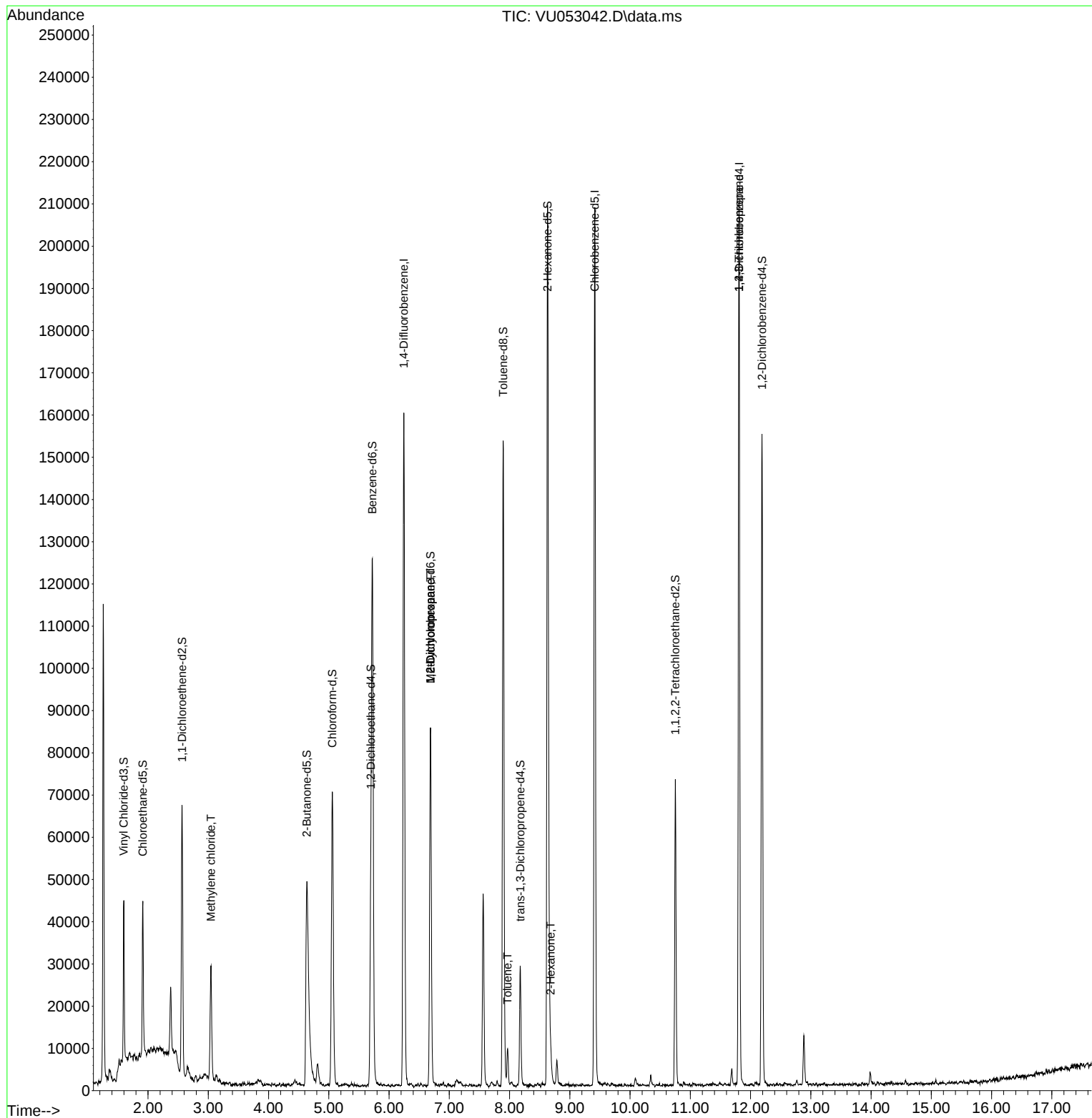
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	129532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	114130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	52513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	27580	4.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.913	69	27310	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.566	65	12095	4.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.637	46	93398	49.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.058	84	63662	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	32605	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.723	84	119703	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.688	67	41954	4.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	104247	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	16594	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	76691	47.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.540%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35684	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	38409	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
16) Methylene chloride	3.045	84	13099	1.478	ug/L	91
35) Methylcyclohexane	6.688	83	9731	0.650	ug/L #	22
37) 1,2-Dichloropropane	6.688	63	4349	0.486	ug/L #	90
42) Toluene	7.968	91	6447	0.180	ug/L	95
48) 2-Hexanone	8.681	43	4012	1.169	ug/L #	44
61) 1,2,3-Trichloropropane	11.807	75	6976	1.383	ug/L #	69

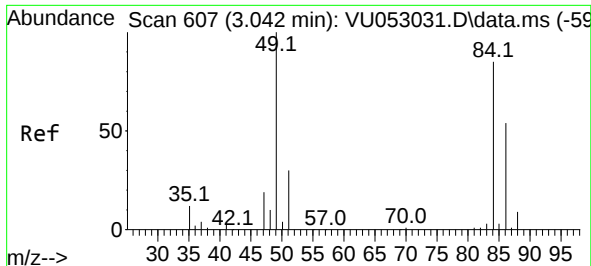
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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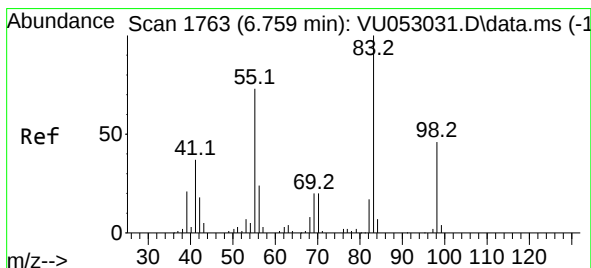
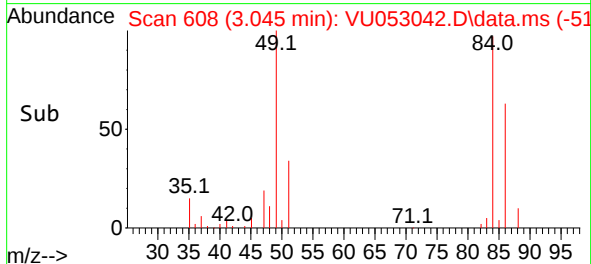
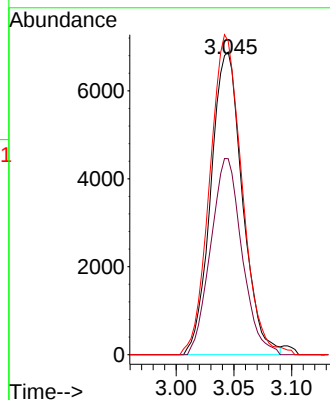
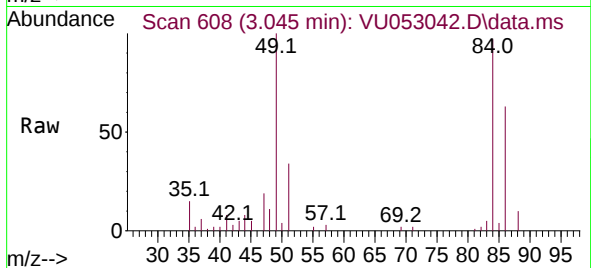




#16
Methylene chloride
Concen: 1.478 ug/L
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053042.D
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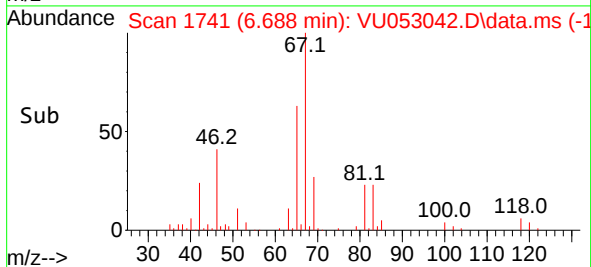
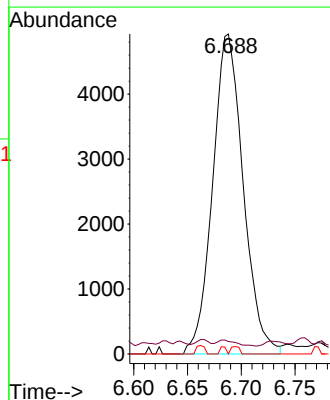
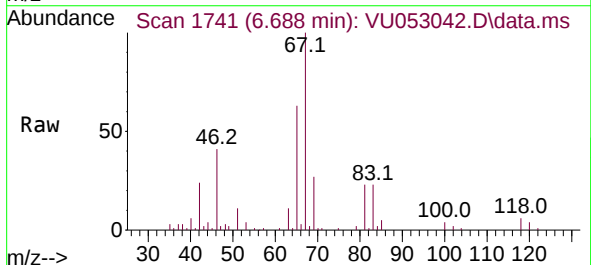
Instrument :
MSVOA_U
ClientSampleId :
C0B79

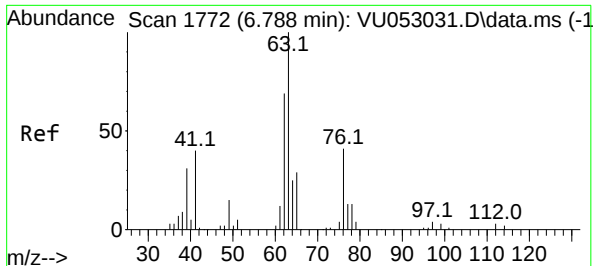
Tgt Ion: 84 Resp: 13099
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.3
49 103.5 82.6 153.4



#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053042.D
Acq: 10 Feb 2023 16:51

Tgt Ion: 83 Resp: 9731
Ion Ratio Lower Upper
83 100
55 2.1 57.9 86.9#
98 0.6 36.4 54.6#

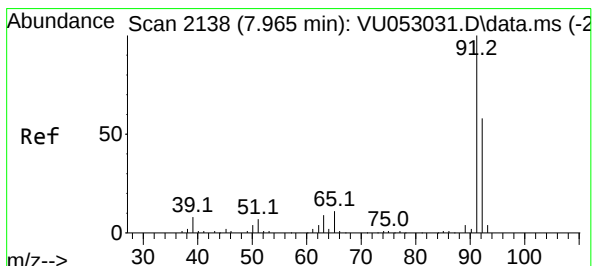
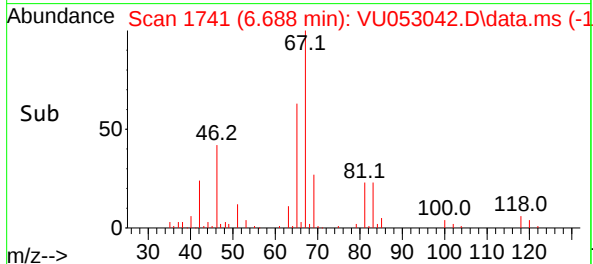
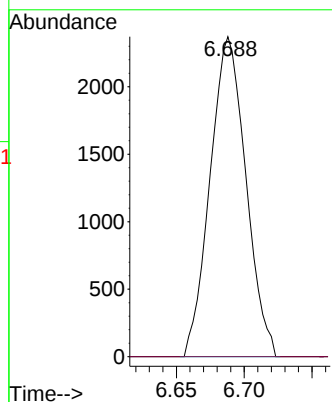
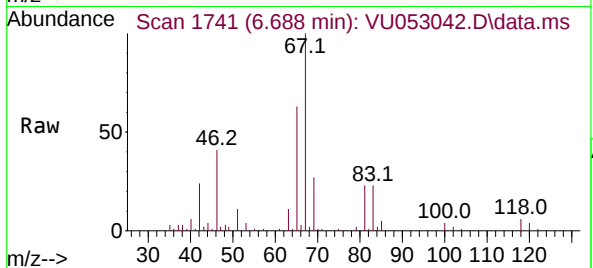




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU053042.D
Acq: 10 Feb 2023 16:51

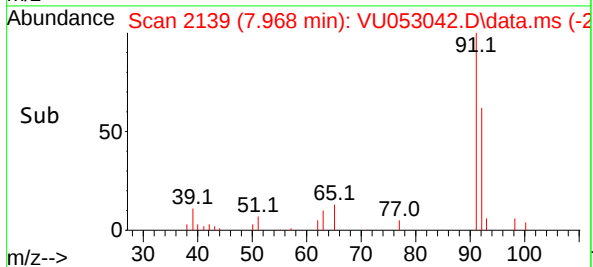
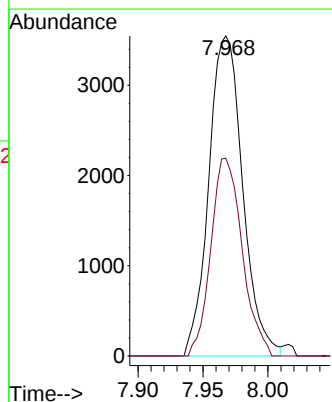
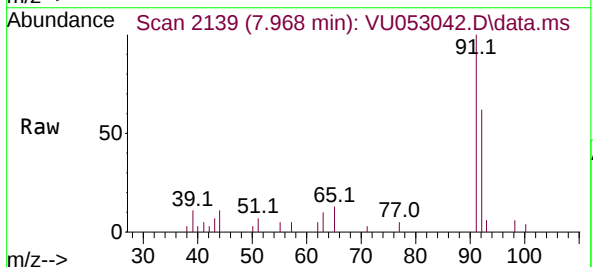
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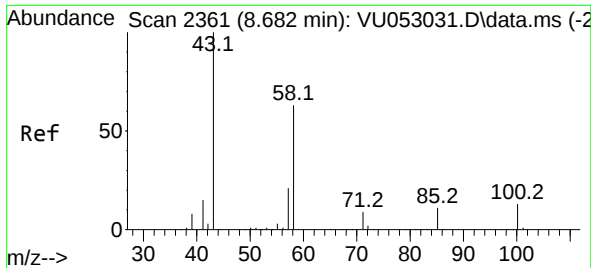
Tgt Ion: 63 Resp: 4349
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#42
Toluene
Concen: 0.180 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053042.D
Acq: 10 Feb 2023 16:51

Tgt Ion: 91 Resp: 6447
Ion Ratio Lower Upper
91 100
92 61.8 40.5 75.3

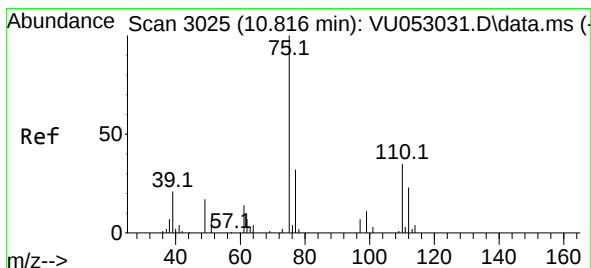
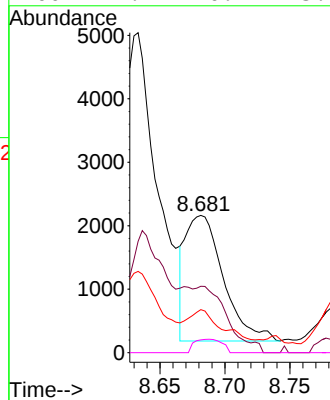
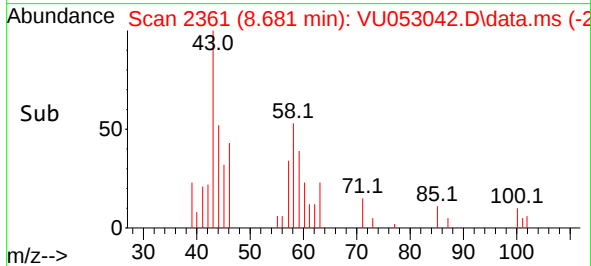
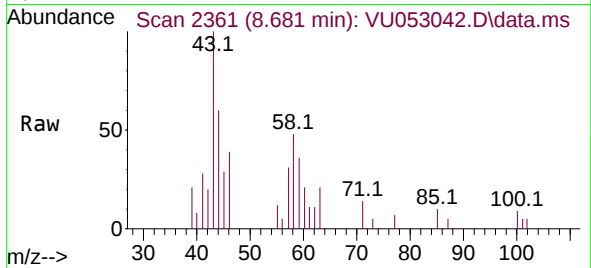




#48
2-Hexanone
Concen: 1.169 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053042.D
Acq: 10 Feb 2023 16:51

Instrument :
MSVOA_U
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Tgt Ion: 43	Resp: 4012
Ion Ratio	Lower Upper
43	100
58	0.0 50.3 75.5#
57	25.7 17.4 26.0
100	7.9 10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.990 min
Lab File: VU053042.D
Acq: 10 Feb 2023 16:51

Tgt Ion: 75	Resp: 6976
Ion Ratio	Lower Upper
75	100
110	2.0 28.6 42.8#
77	36.0 27.6 41.4

