

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050041.D
 Acq On : 29 Jul 2022 17:24
 Operator : SY/MD
 Sample : N3825-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 30 01:44:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

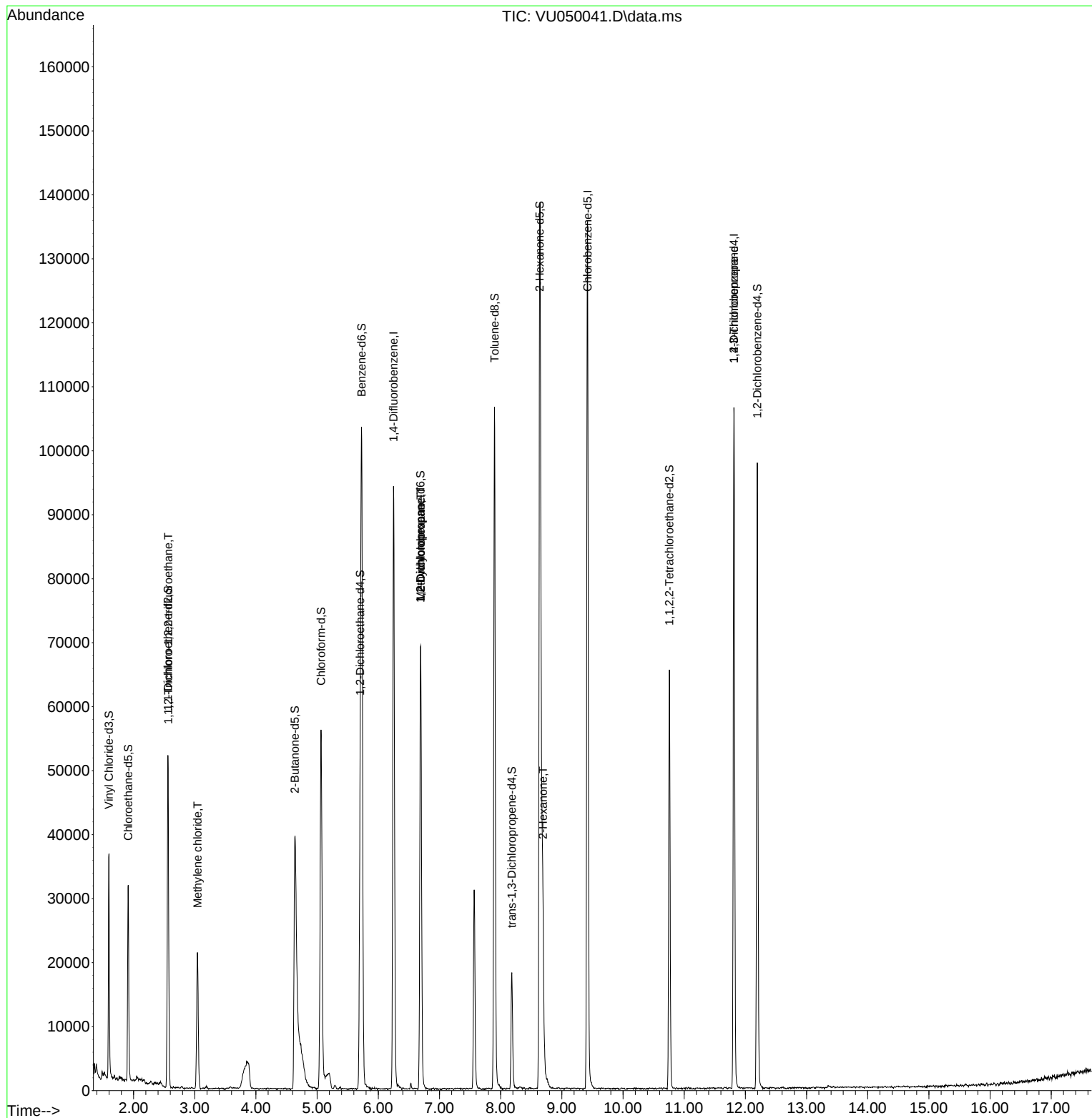
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79077	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	79675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25592	3.769	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.912	69	22361	4.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.562	65	9438	4.033	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.636	46	76043	50.313	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.620%	
24) Chloroform-d	5.063	84	53815	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.703	65	28303	4.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.729	84	98218	4.172	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.690	67	36543	4.738	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.899	98	75932	3.629	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.600%	
43) trans-1,3-Dichloroprop...	8.182	79	12201	4.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.639	63	47531	46.969	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.940%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33540	5.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	26696	4.745	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	198	0.042	ug/L #	21
16) Methylene chloride	3.044	84	10673	1.590	ug/L	99
35) Methylcyclohexane	6.694	83	8066	1.082	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	3273	0.511	ug/L #	88
48) 2-Hexanone	8.690	43	16134	5.716	ug/L #	93
61) 1,2,3-Trichloropropane	11.812	75	3643	1.034	ug/L #	66

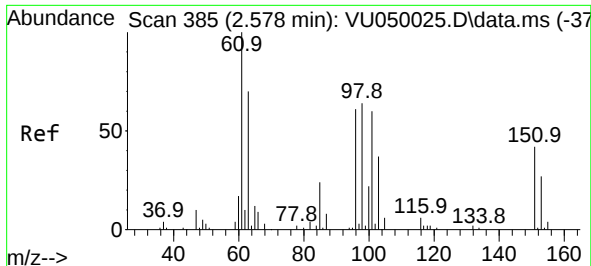
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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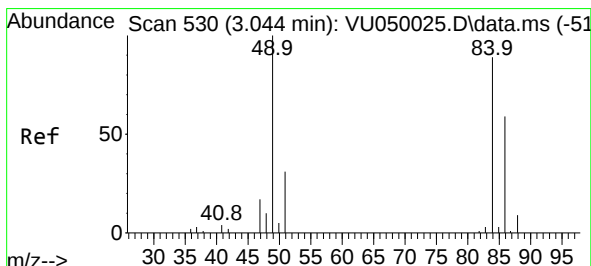
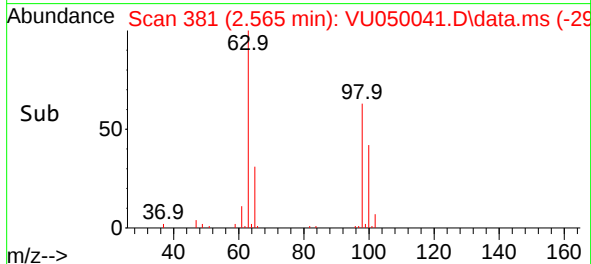
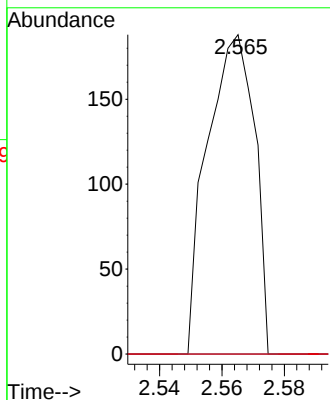
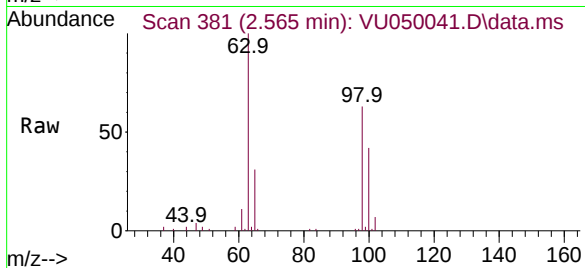




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050041.D
Acq: 29 Jul 2022 17:24

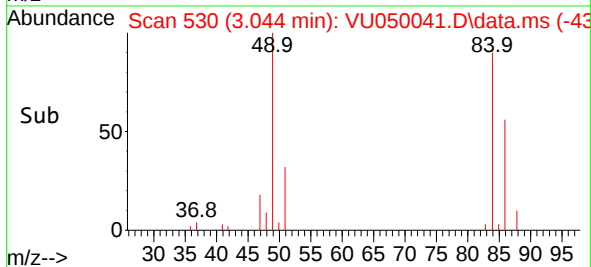
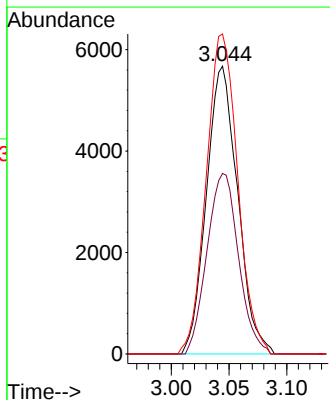
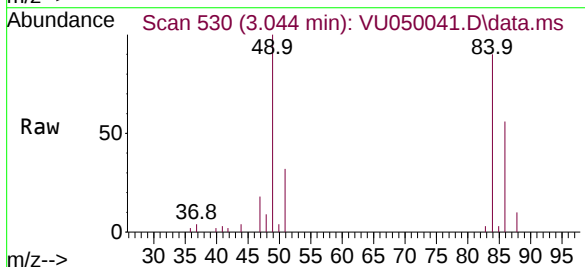
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

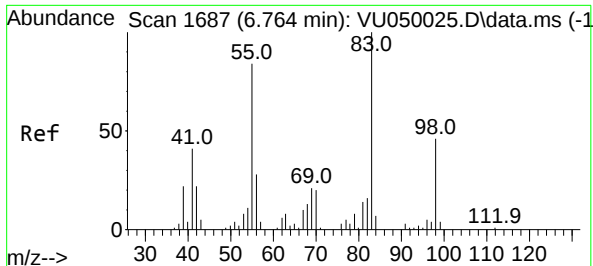
Tgt Ion:101 Resp: 198
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#



#16
Methylene chloride
Concen: 1.590 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050041.D
Acq: 29 Jul 2022 17:24

Tgt Ion: 84 Resp: 10673
Ion Ratio Lower Upper
84 100
86 62.7 45.2 84.0
49 111.2 77.6 144.0

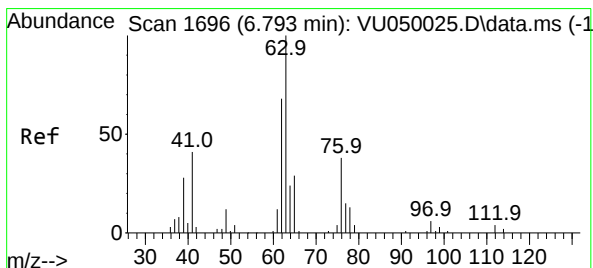
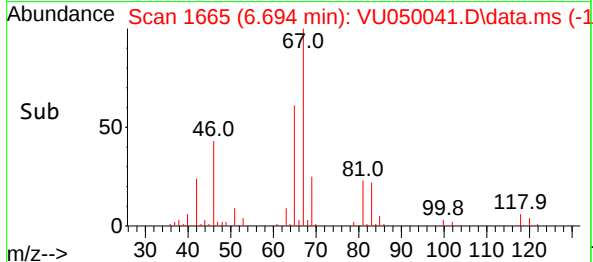
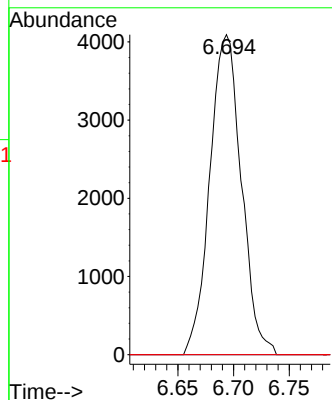
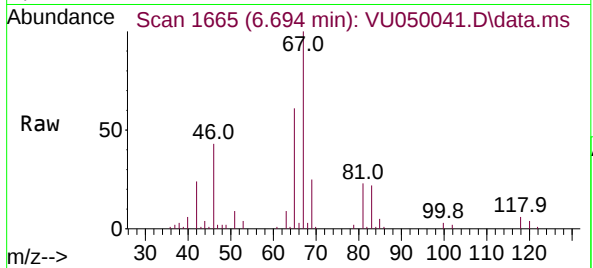




#35
Methylcyclohexane
Concen: 1.082 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050041.D
Acq: 29 Jul 2022 17:24

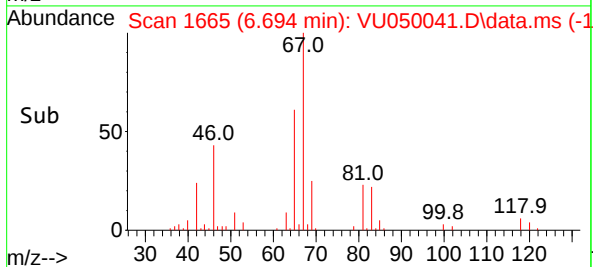
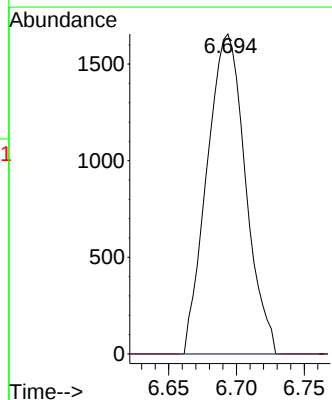
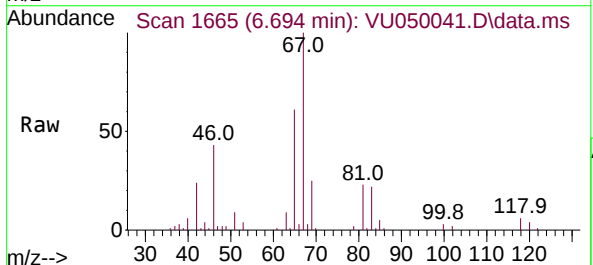
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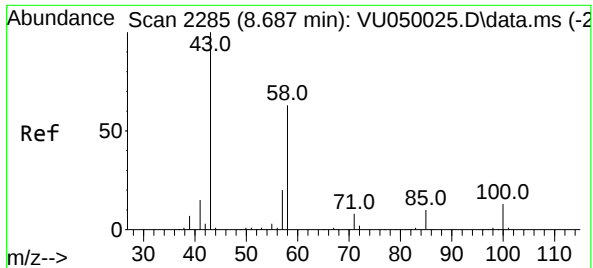
Tgt Ion: 83 Resp: 8066
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 1.9 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050041.D
Acq: 29 Jul 2022 17:24

Tgt Ion: 63 Resp: 3273
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

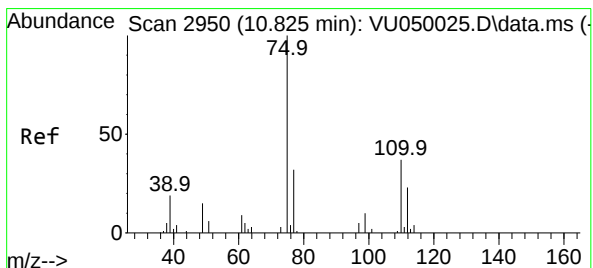
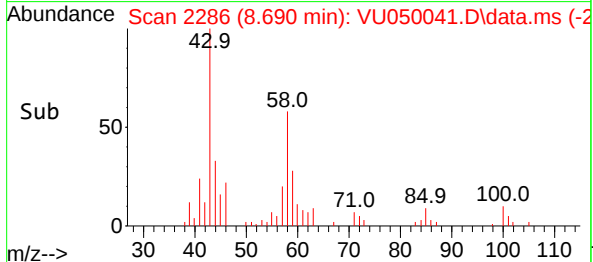
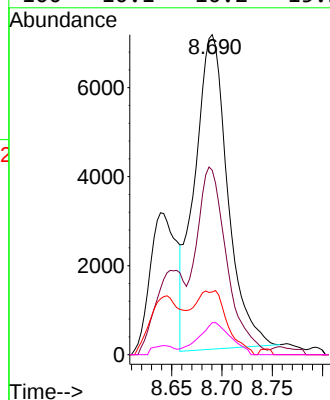
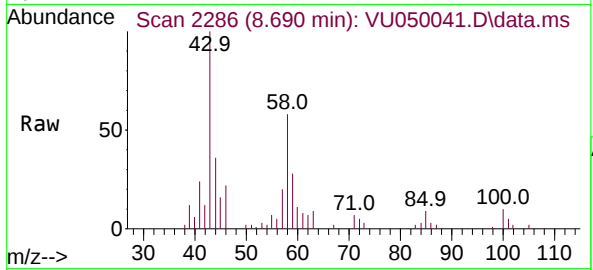




#48
2-Hexanone
Concen: 5.716 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050041.D
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Tgt Ion: 43	Resp: 16134
Ion Ratio	Lower Upper
43 100	
58 55.2	49.4 74.0
57 19.5	17.0 25.4
100 10.1	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.034 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050041.D
Acq: 29 Jul 2022 17:24

Tgt Ion: 75	Resp: 3643		
Ion Ratio	Lower	Upper	
75 100			
110 0.0	28.1	42.1#	
77 32.6	24.7	37.1	

