

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101321\
 Data File : VW020466.D
 Acq On : 13 Oct 2021 17:29
 Operator : SY/VA
 Sample : M4181-08
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B43

Quant Time: Oct 14 01:03:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 00:58:33 2021
 Response via : Initial Calibration

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

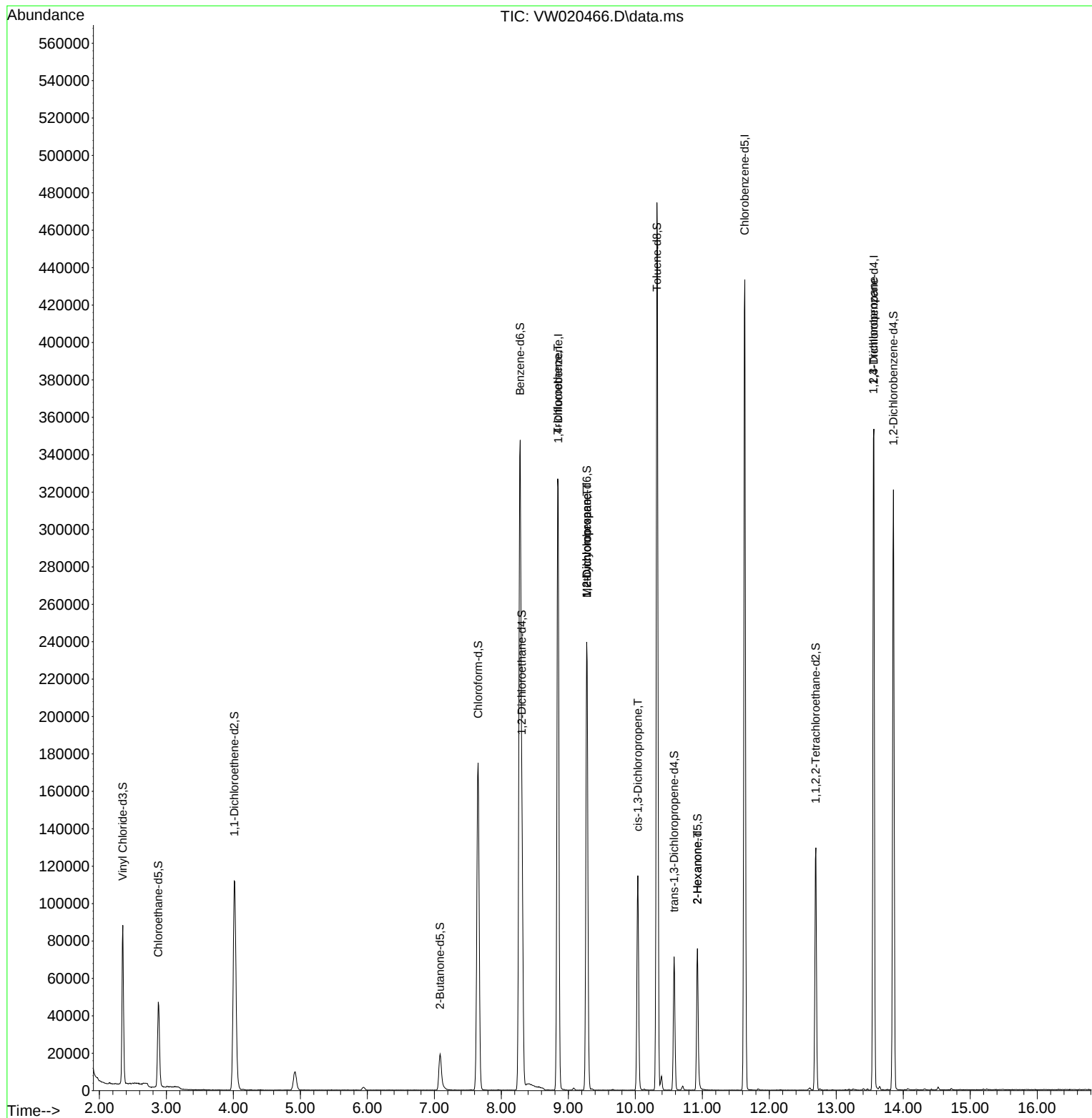
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	254148	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	223765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	84152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	81214	21.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.840%
7) Chloroethane-d5	2.879	69	47997	24.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.280%
11) 1,1-Dichloroethene-d2	4.013	63	118223	15.601	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.400%
21) 2-Butanone-d5	7.086	46	34345	30.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.040%
24) Chloroform-d	7.653	84	176101	21.737	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.960%
26) 1,2-Dichloroethane-d4	8.305	65	91982	19.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.520%
32) Benzene-d6	8.281	84	341132	23.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.274	67	109277	22.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.323	98	293371	22.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	10.579	79	36982	18.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.880%
47) 2-Hexanone-d5	10.927	63	23376	31.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	63902	17.623	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	75693	22.994	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
34) Trichloroethene	8.842	95	8394	2.138	ug/L #	8
35) Methylcyclohexane	9.274	83	25872	3.850	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	13121	3.179	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	2824	0.496	ug/L #	58
48) 2-Hexanone	10.927	43	4215	2.319	ug/L #	68
61) 1,2,3-Trichloropropane	13.554	75	11998	6.472	ug/L #	67

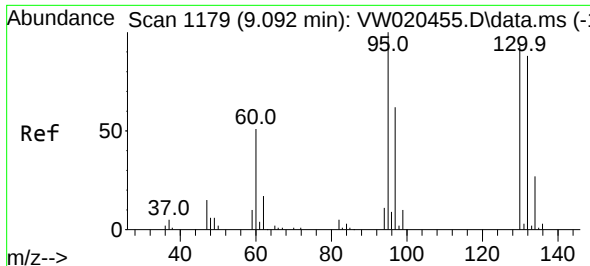
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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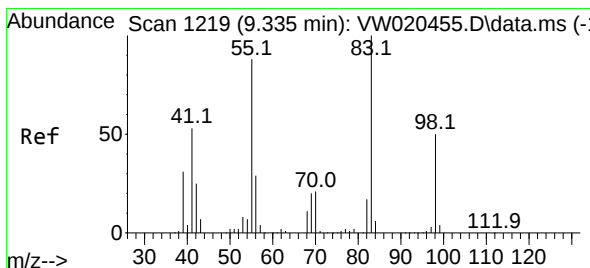
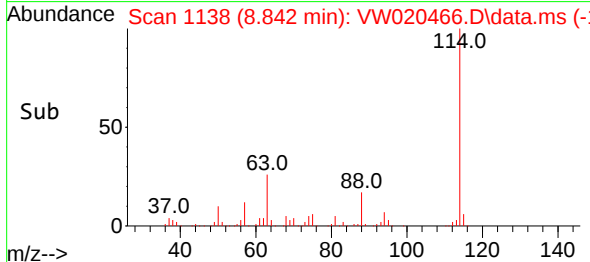
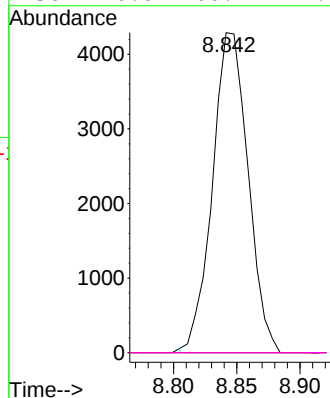
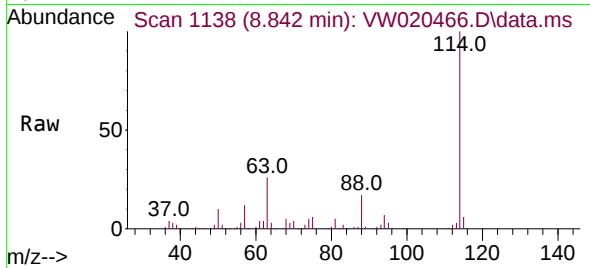




#34
Trichloroethene
Concen: 2.138 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

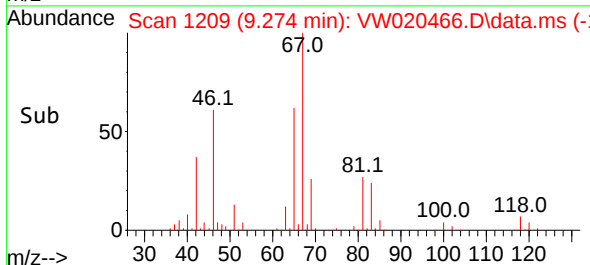
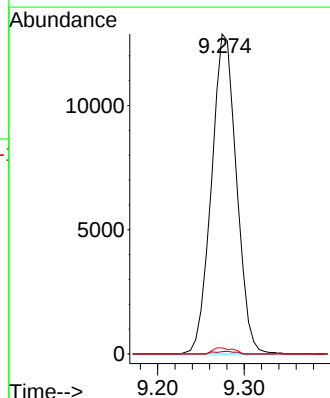
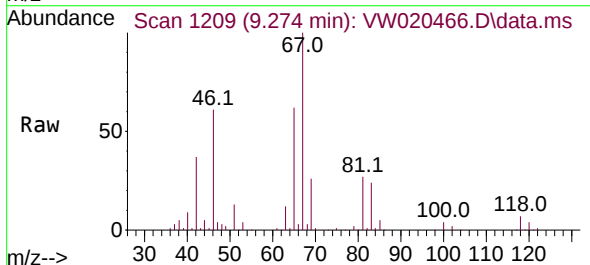
Instrument :
MSVOA_W
ClientSampled :
C0B43

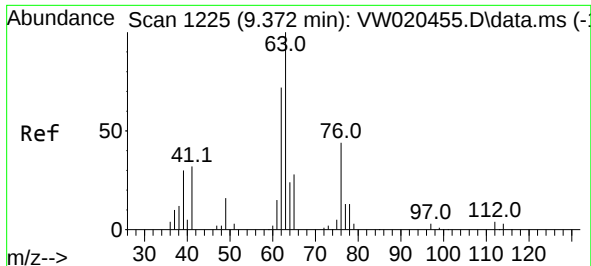
Tgt Ion:	95	Resp:	8394
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.2	80.2#
132	0.0	62.3	115.7#
130	0.0	66.1	122.7#



#35
Methylcyclohexane
Concen: 3.850 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

Tgt Ion:	83	Resp:	25872
Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.7	104.5#
98	1.6	38.2	57.2#

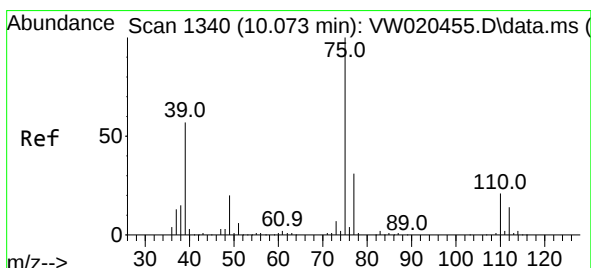
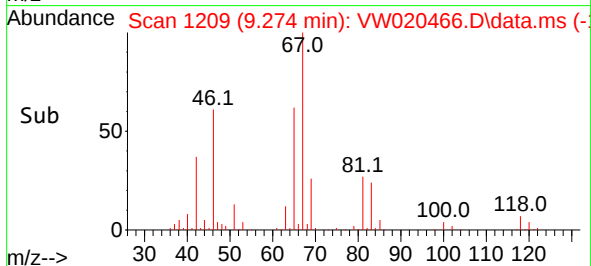
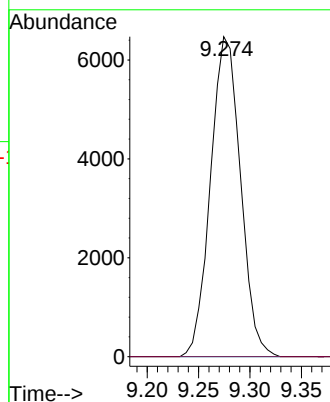
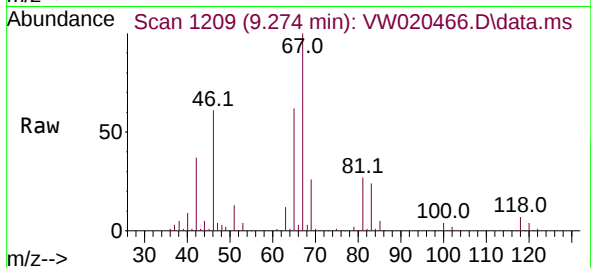




#37
1,2-Dichloropropane
Concen: 3.179 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

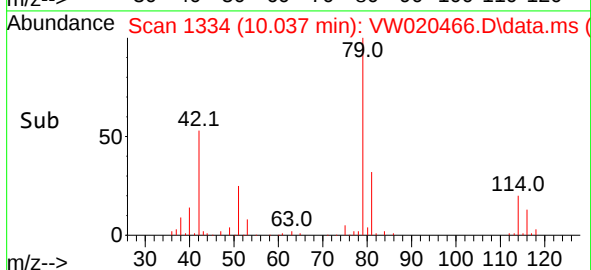
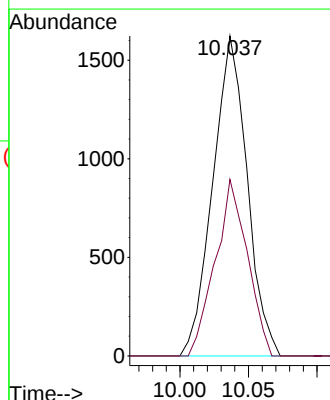
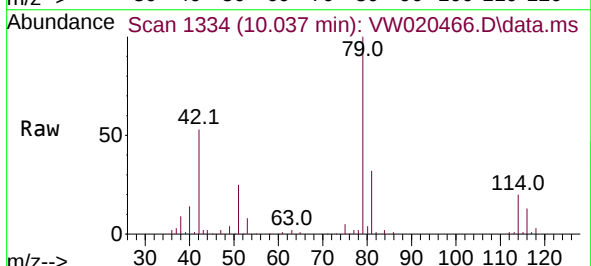
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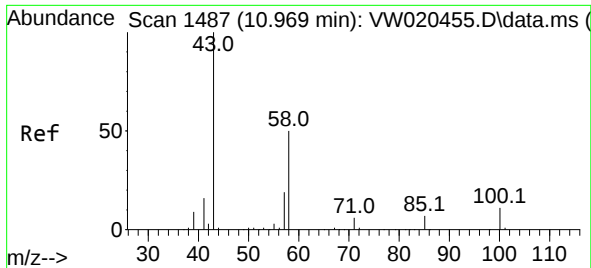
Tgt Ion: 63 Resp: 13121
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

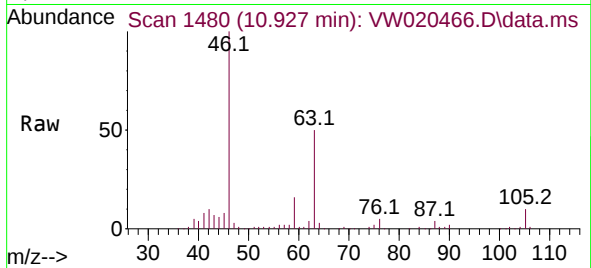
Tgt Ion: 75 Resp: 2824
Ion Ratio Lower Upper
75 100
77 55.1 22.4 41.6#



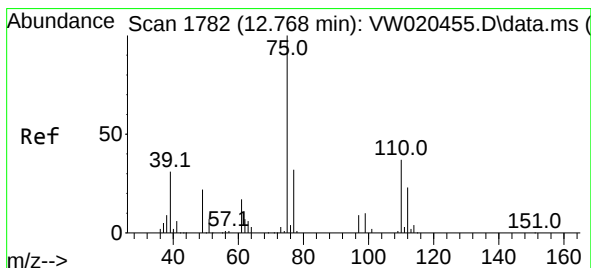
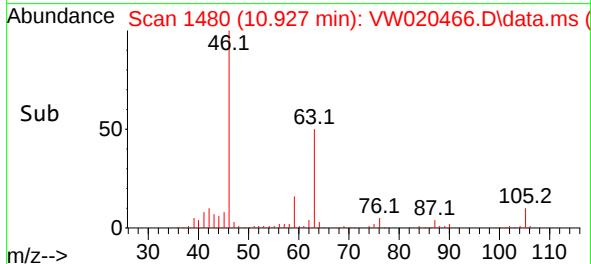
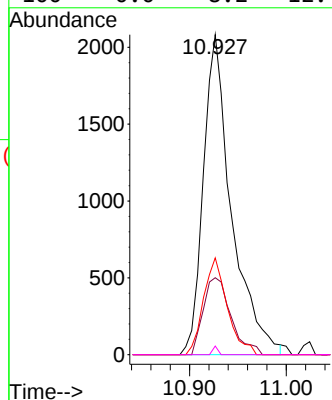


#48
2-Hexanone
Concen: 2.319 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

Instrument :
MSVOA_W
ClientSampled :
C0B43



Tgt Ion: 43 Resp: 4215
Ion Ratio Lower Upper
43 100
58 23.7 39.5 59.3#
57 25.5 14.2 21.4#
100 0.0 8.2 12.4#



#61
1,2,3-Trichloropropane
Concen: 6.472 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW020466.D
Acq: 13 Oct 2021 17:29

Tgt Ion: 75 Resp: 11998
Ion Ratio Lower Upper
75 100
77 33.6 25.1 37.7
110 2.7 29.4 44.0#

