

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054244.D
 Acq On : 22 May 2023 15:02
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK161

Quant Time: May 23 04:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 23 02:58:02 2023
 Response via : Initial Calibration

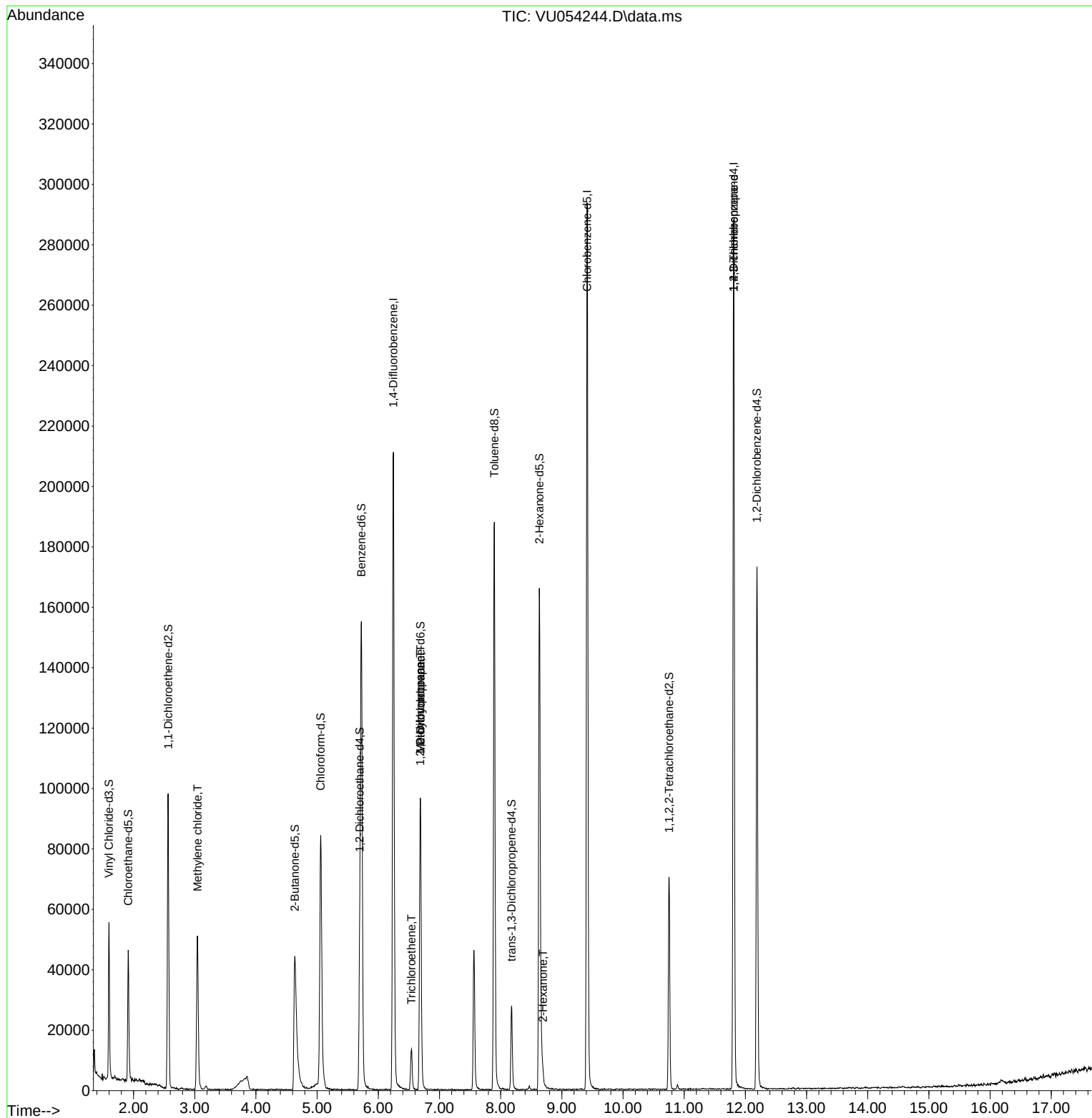
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38963	4.117	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.912	69	33754	4.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18690	4.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.636	46	87755	51.990	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.980%	
24) Chloroform-d	5.057	84	78873	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.697	65	36719	4.485	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.723	84	151913	4.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.687	67	48323	4.770	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.896	98	129888	3.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	8.179	79	17278	4.223	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.632	63	59147	48.553	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.100%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35498	4.889	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48820	4.870	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
16) Methylene chloride	3.044	84	26431	1.879	ug/L	95
34) Trichloroethene	6.543	95	4782	0.365	ug/L	91
35) Methylcyclohexane	6.687	83	11841	0.618	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5074	0.397	ug/L #	88
48) 2-Hexanone	8.690	43	3332	0.677	ug/L #	38
61) 1,2,3-Trichloropropane	11.809	75	9314	1.398	ug/L #	63

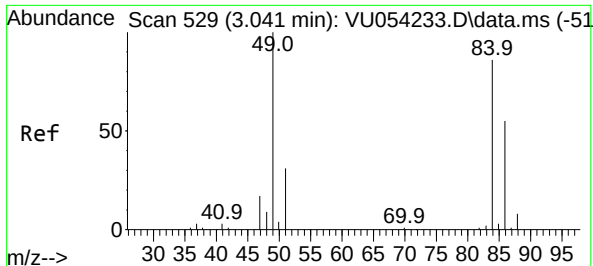
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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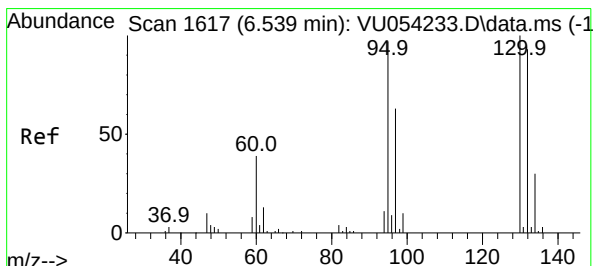
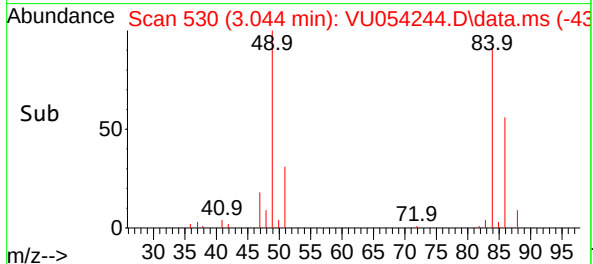
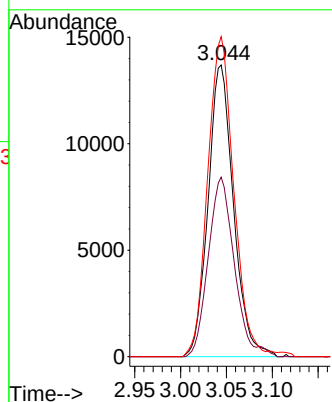
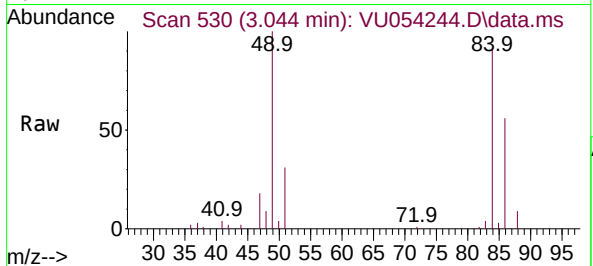




#16
Methylene chloride
Concen: 1.879 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054244.D
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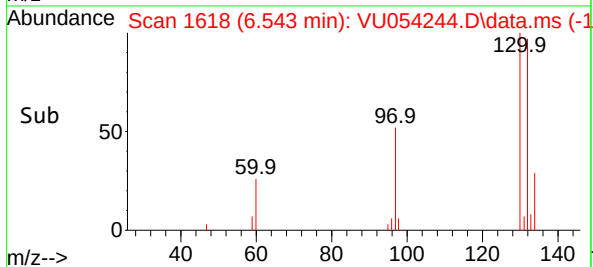
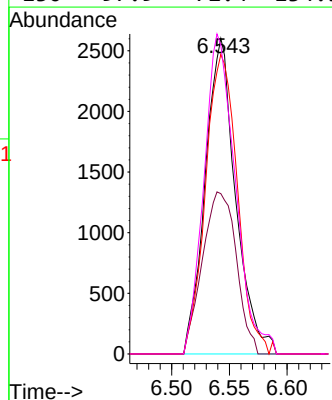
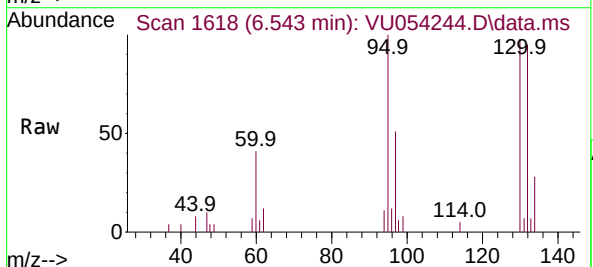
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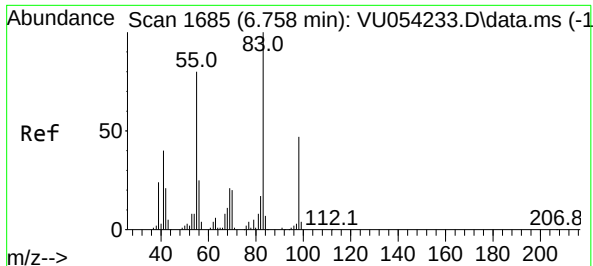
Tgt Ion: 84 Resp: 26431
Ion Ratio Lower Upper
84 100
86 61.5 45.5 84.5
49 109.7 81.3 150.9



#34
Trichloroethene
Concen: 0.365 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU054244.D
Acq: 22 May 2023 15:02

Tgt Ion: 95 Resp: 4782
Ion Ratio Lower Upper
95 100
97 50.8 45.8 85.0
132 94.9 70.1 130.3
130 97.9 72.4 134.5





#35

Methylcyclohexane

Concen: 0.618 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054244.D

Acq: 22 May 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VIBLK161

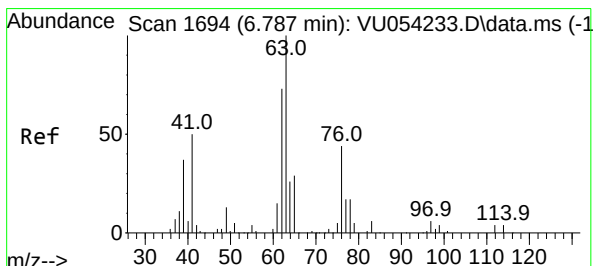
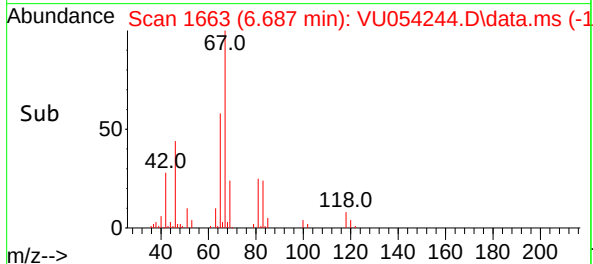
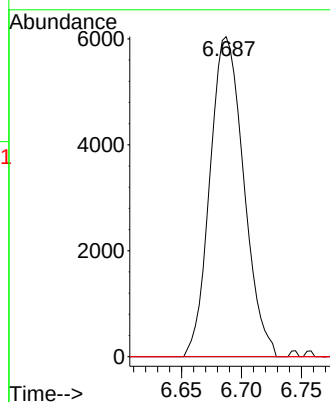
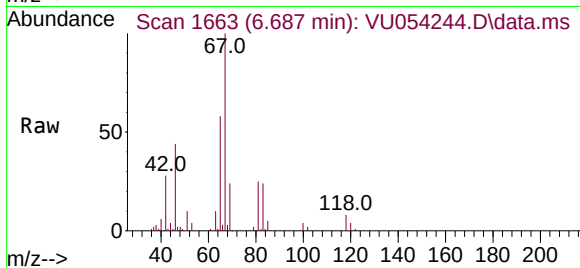
Tgt Ion: 83 Resp: 11841

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.7 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.397 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054244.D

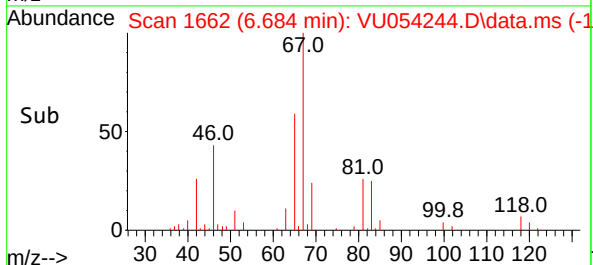
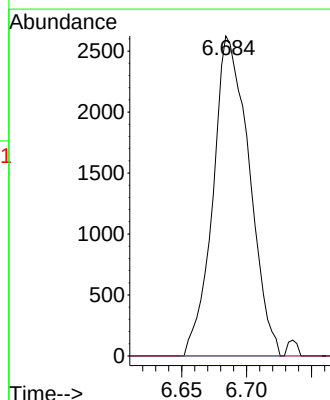
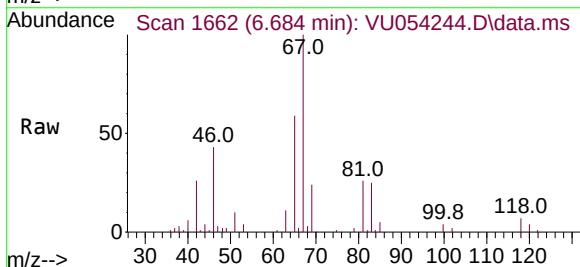
Acq: 22 May 2023 15:02

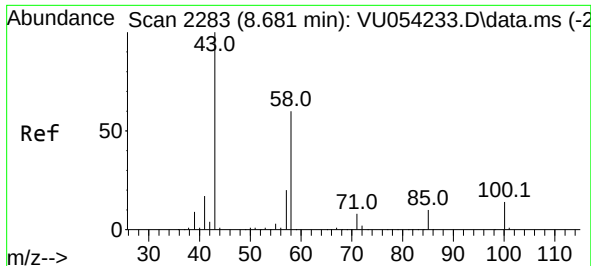
Tgt Ion: 63 Resp: 5074

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

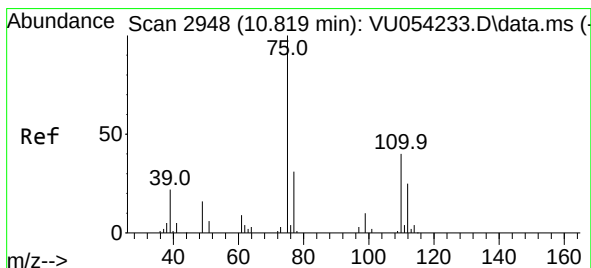
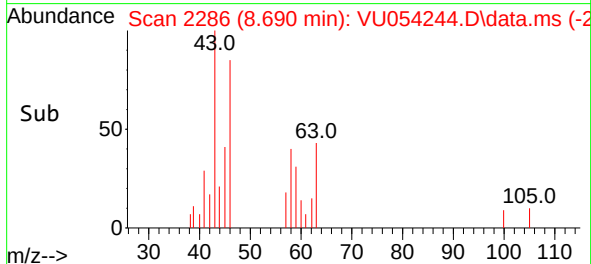
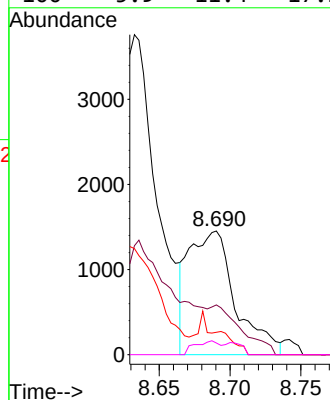
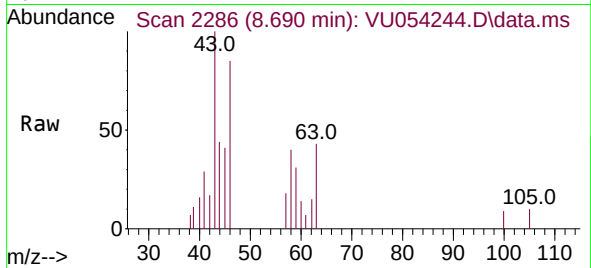




#48
2-Hexanone
Concen: 0.677 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU054244.D
Acq: 22 May 2023 15:02

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Tgt Ion: 43	Resp:	3332	
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.6	72.8#
57	2.7	16.7	25.1#
100	5.9	11.4	17.2#



#61
1,2,3-Trichloropropane
Concen: 1.398 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU054244.D
Acq: 22 May 2023 15:02

Tgt Ion: 75	Resp:	9314	
Ion Ratio	Lower	Upper	
75 100			
110 1.2	32.3	48.5#	
77 30.2	26.3	39.5	

