

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054646.D
 Acq On : 22 Jun 2023 11:12
 Operator : MD/SY
 Sample : 03323-01DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA31DL

Quant Time: Jun 23 04:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

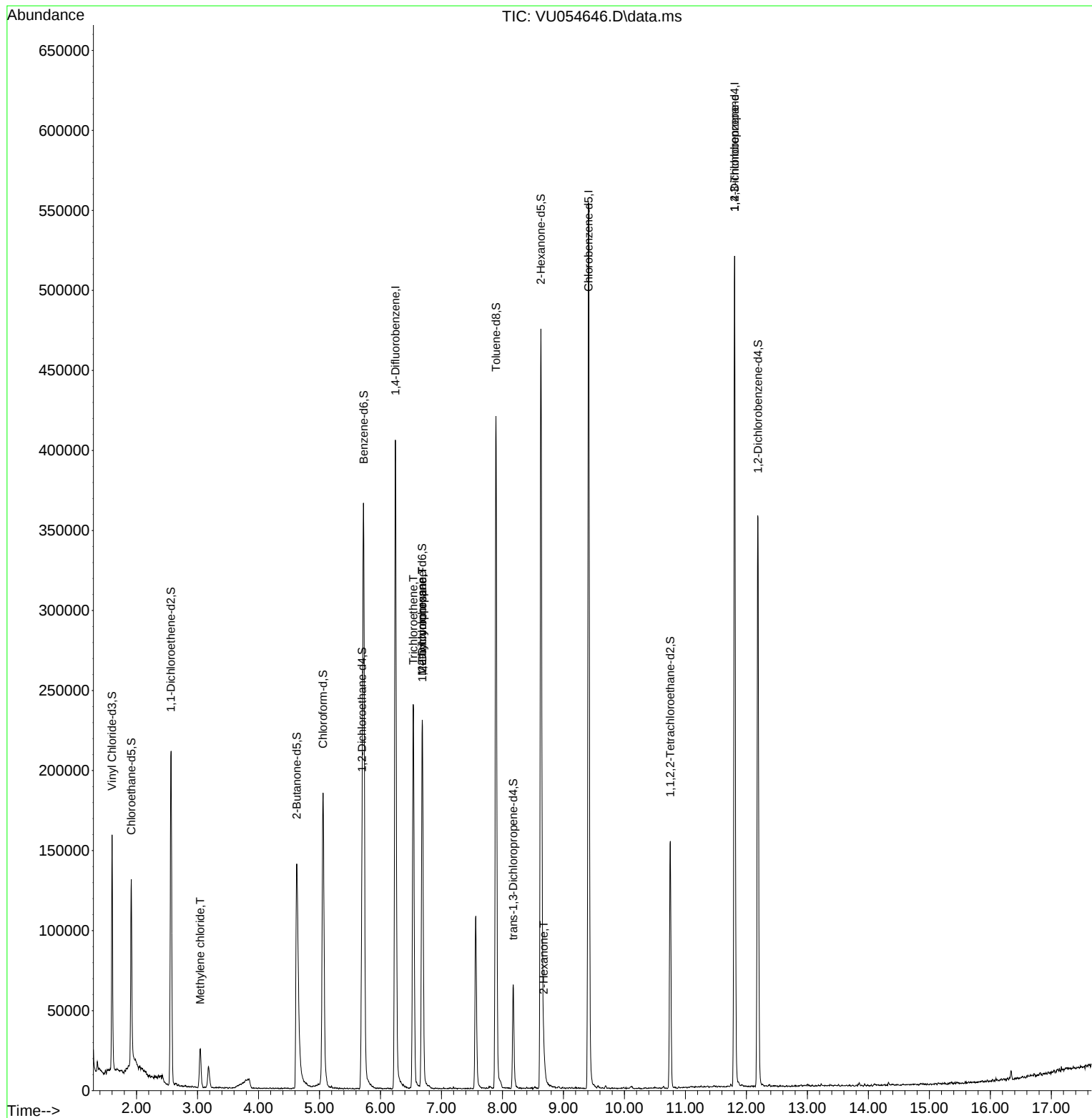
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313206	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	108377	5.437	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.800%	
7) Chloroethane-d5	1.914	69	87649	4.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.563	65	41044	4.610	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.627	46	245617	43.827	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.660%	
24) Chloroform-d	5.058	84	170256	4.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
26) 1,2-Dichloroethane-d4	5.698	65	86168	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.724	84	339324	4.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.685	67	117942	4.251	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.894	98	280003	3.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	8.177	79	38390	3.979	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.630	63	158701	39.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.420%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82795	4.002	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	94440	4.197	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.045	84	11969	0.375	ug/L	92
34) Trichloroethene	6.541	95	86114	3.032	ug/L	94
35) Methylcyclohexane	6.685	83	25122	0.585	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	11884	0.409	ug/L #	91
48) 2-Hexanone	8.679	43	6821	0.591	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	18487	1.371	ug/L #	69

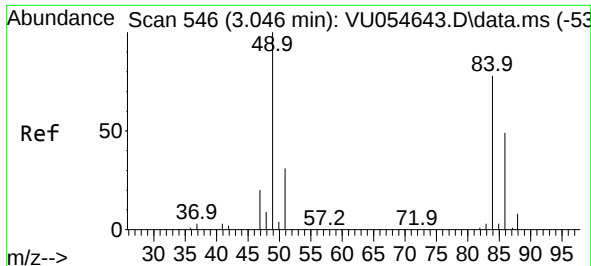
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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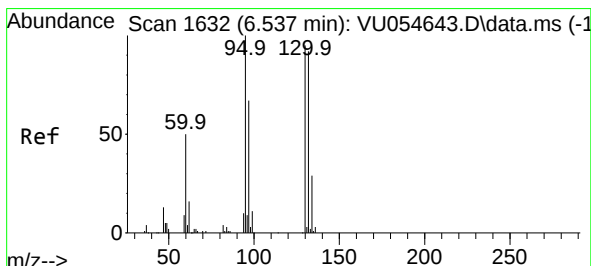
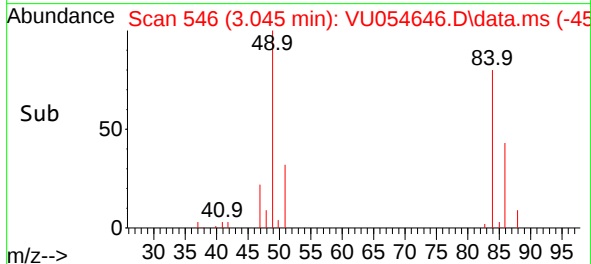
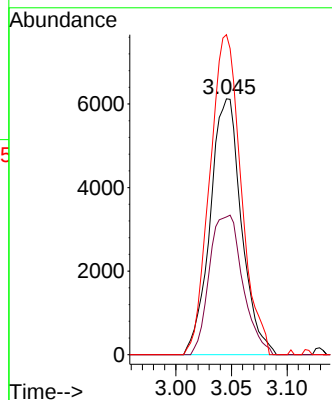
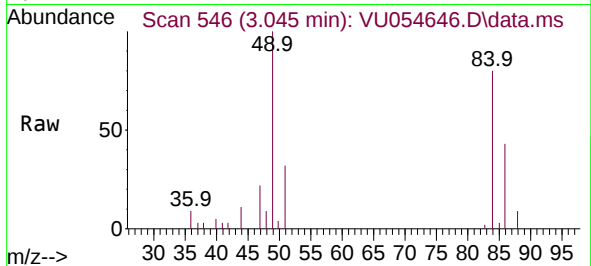




#16
Methylene chloride
Concen: 0.375 ug/L
RT: 3.045 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054646.D
Acq: 22 Jun 2023 11:12

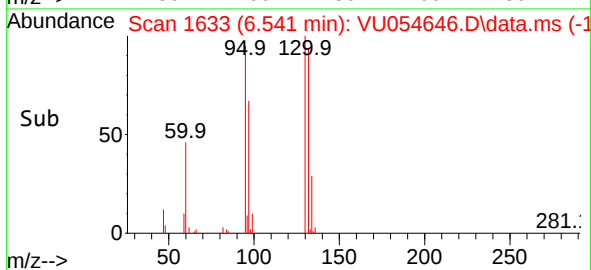
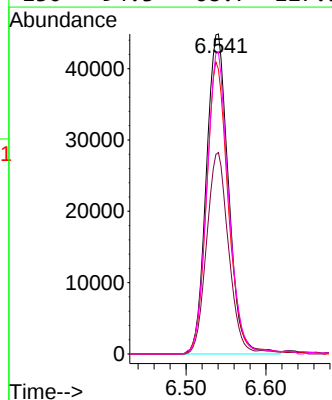
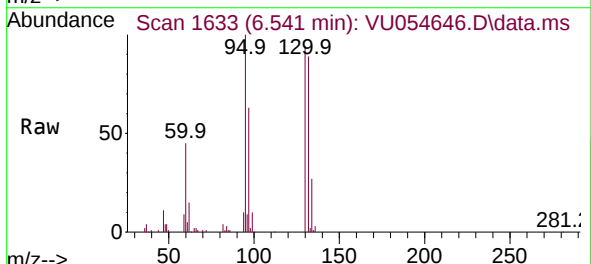
Instrument :
MSVOA_U
ClientSampleId :
GCA31DL

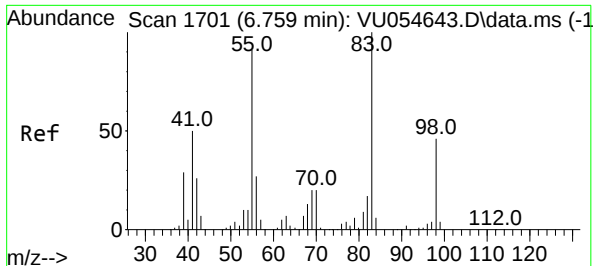
Tgt Ion: 84 Resp: 11969
Ion Ratio Lower Upper
84 100
86 53.9 43.9 81.5
49 130.1 86.1 159.9



#34
Trichloroethene
Concen: 3.032 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054646.D
Acq: 22 Jun 2023 11:12

Tgt Ion: 95 Resp: 86114
Ion Ratio Lower Upper
95 100
97 63.0 46.8 87.0
132 88.9 68.4 127.0
130 94.3 68.7 127.5





#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054646.D

Acq: 22 Jun 2023 11:12

Instrument :

MSVOA_U

ClientSampleId :

GCA31DL

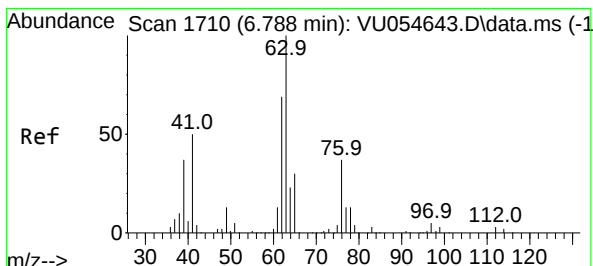
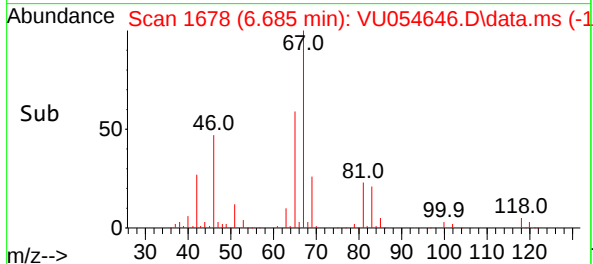
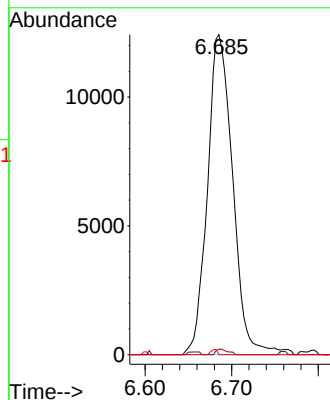
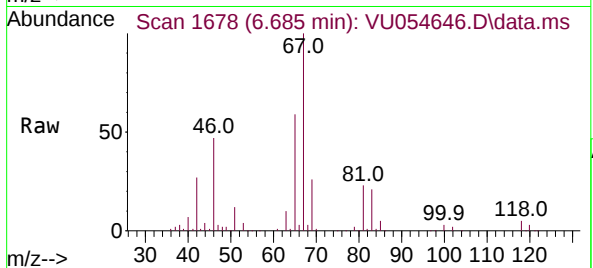
Tgt Ion: 83 Resp: 25122

Ion Ratio Lower Upper

83 100

55 0.8 67.1 100.7#

98 0.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.409 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054646.D

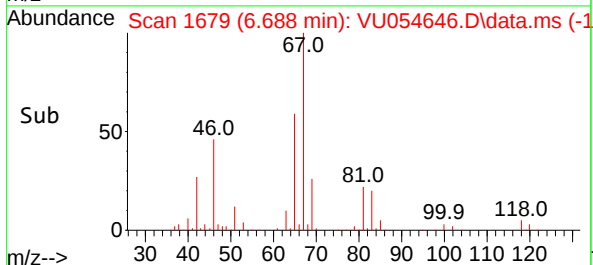
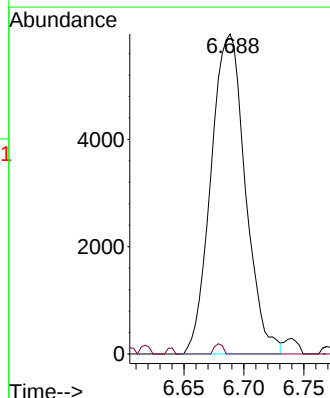
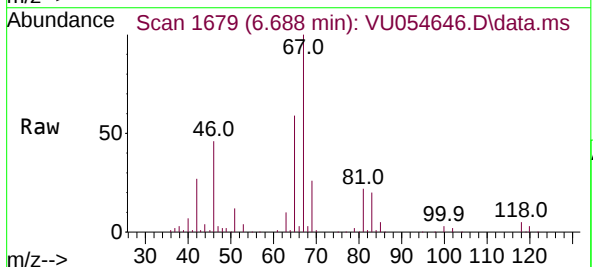
Acq: 22 Jun 2023 11:12

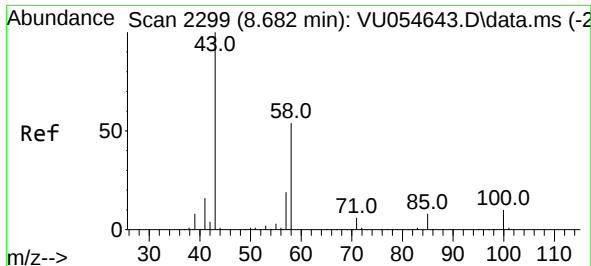
Tgt Ion: 63 Resp: 11884

Ion Ratio Lower Upper

63 100

112 0.8 3.0 4.6#

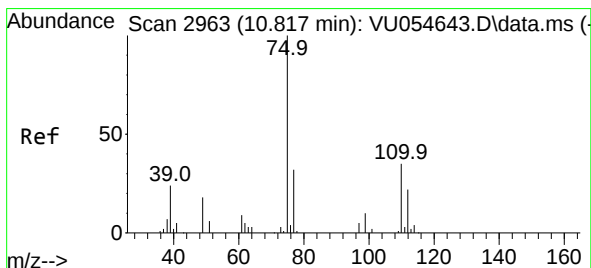
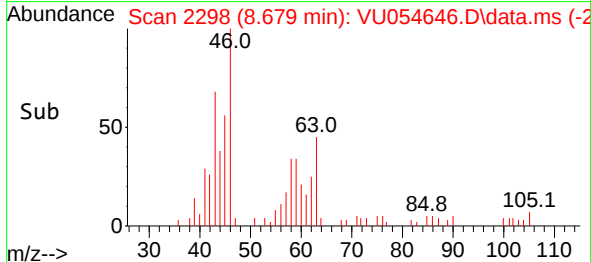
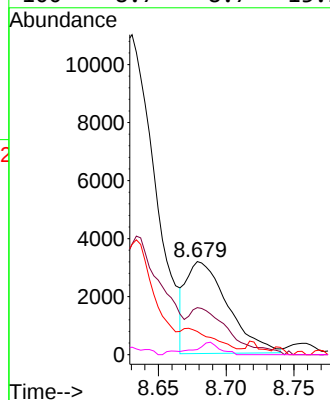
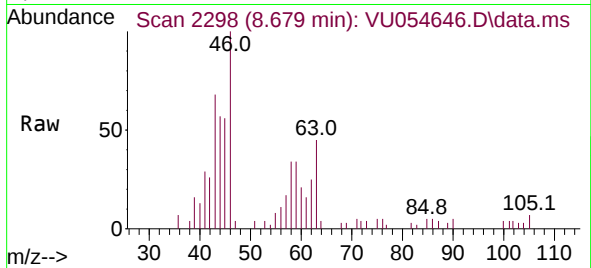




#48
2-Hexanone
Concen: 0.591 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054646.D
Acq: 22 Jun 2023 11:12

Instrument :
MSVOA_U
ClientSampleId :
GCA31DL

Tgt Ion: 43	Resp: 6821
Ion Ratio	Lower Upper
43 100	
58 48.4	45.2 67.8
57 21.6	15.8 23.6
100 8.7	8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054646.D
Acq: 22 Jun 2023 11:12

Tgt Ion: 75	Resp: 18487
Ion Ratio	Lower Upper
75 100	
110 2.8	28.0 42.0#
77 30.0	25.4 38.2

