

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054251.D
 Acq On : 22 May 2023 17:57
 Operator : JC/MD
 Sample : 02874-08DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0P00DL

Quant Time: May 23 04:02:25 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)

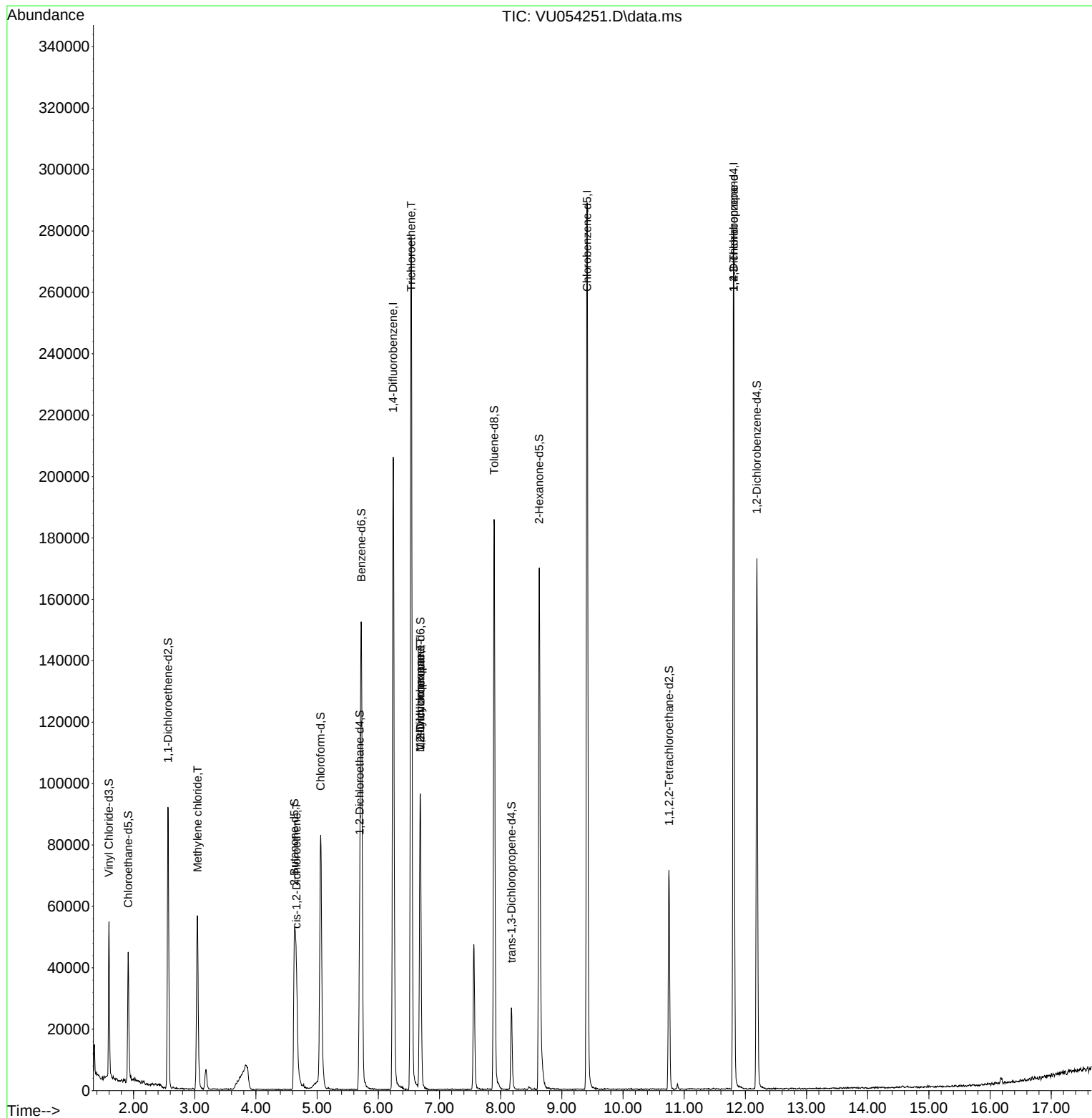
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	172462	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	170148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37634	4.048	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.913	69	31349	4.507	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.562	65	17002	4.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	4.629	46	86446	52.134	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.260%	
24) Chloroform-d	5.057	84	77400	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.697	65	37081	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.723	84	148828	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.687	67	47216	4.714	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.893	98	128486	3.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17177	4.246	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.629	63	60108	49.906	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.820%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35288	4.916	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	47597	4.986	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	29641	2.145	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	11353	0.904	ug/L	97
34) Trichloroethene	6.536	95	97581	7.534	ug/L	97
35) Methylcyclohexane	6.684	83	11158	0.589	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5060	0.400	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9325	1.470	ug/L #	62

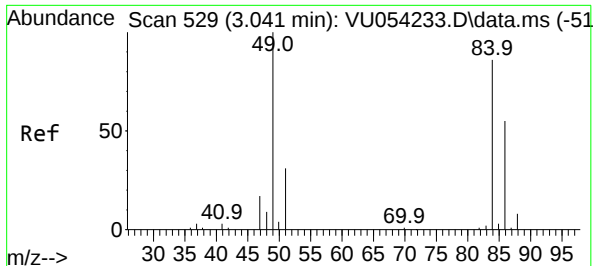
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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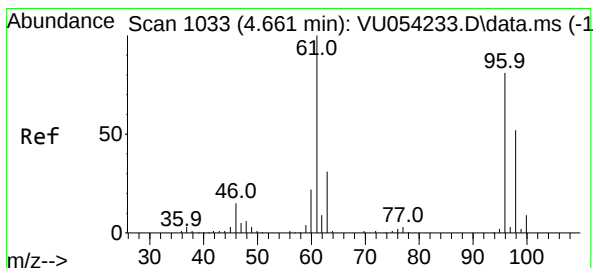
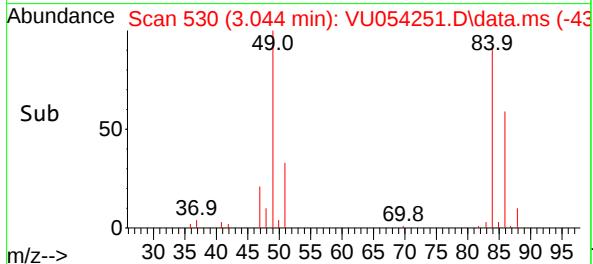
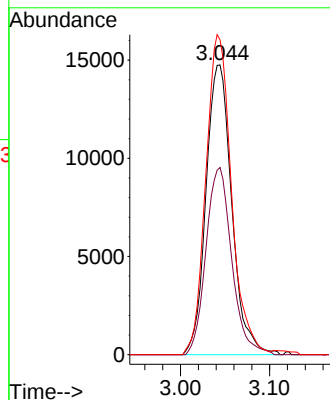
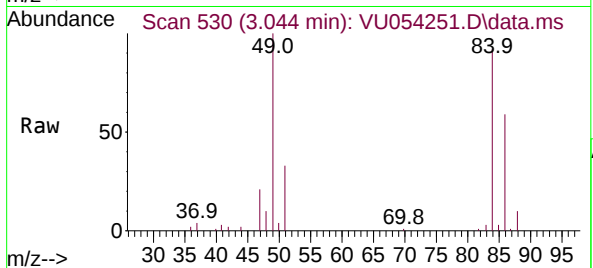




#16
Methylene chloride
Concen: 2.145 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054251.D
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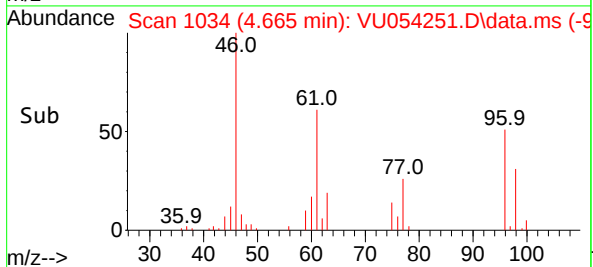
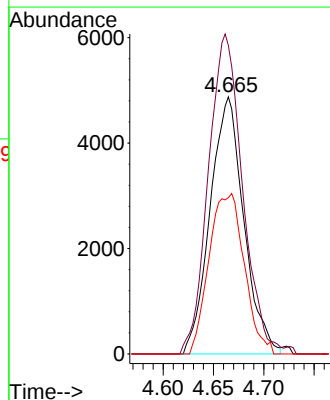
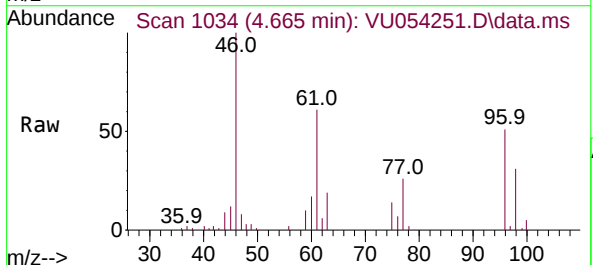
Instrument :
MSVOA_U
ClientSampleId :
COP00DL

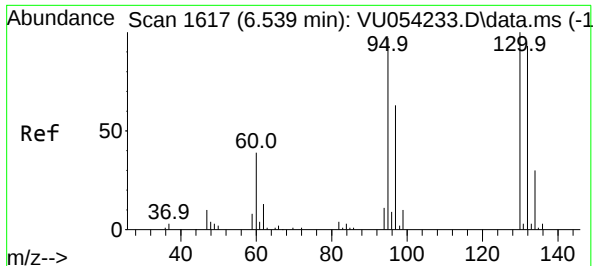
Tgt Ion: 84 Resp: 29641
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 108.7 81.3 150.9



#22
cis-1,2-Dichloroethene
Concen: 0.904 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU054251.D
Acq: 22 May 2023 17:57

Tgt Ion: 96 Resp: 11353
Ion Ratio Lower Upper
96 100
61 120.0 85.0 157.8
98 60.8 45.8 85.0

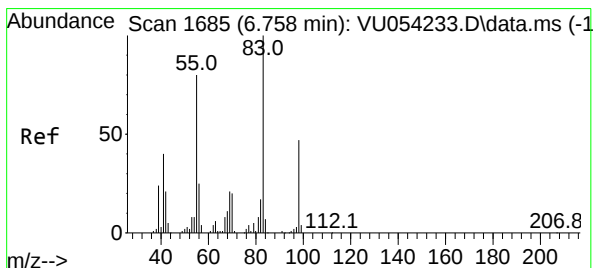
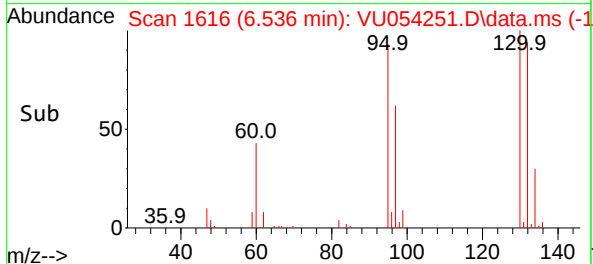
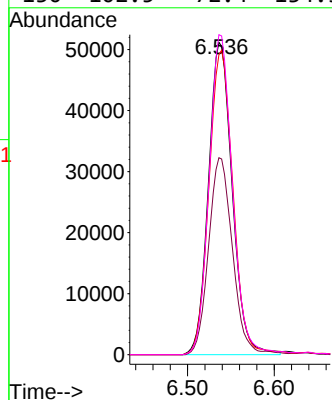
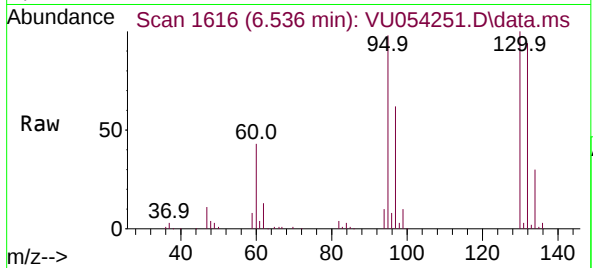




#34
Trichloroethene
Concen: 7.534 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU054251.D
Acq: 22 May 2023 17:57

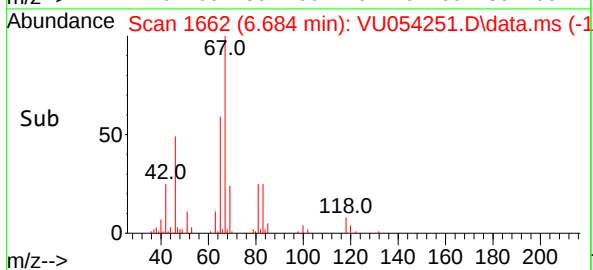
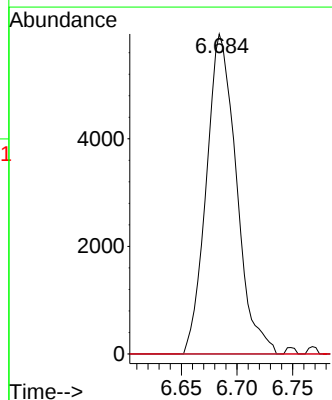
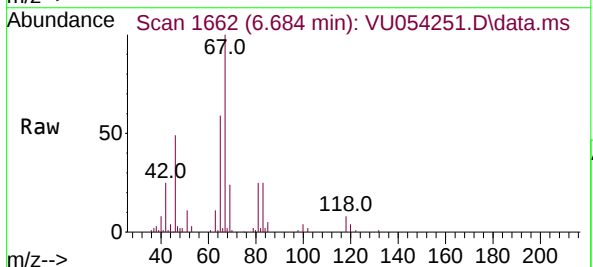
Instrument :
MSVOA_U
ClientSampleId :
COP00DL

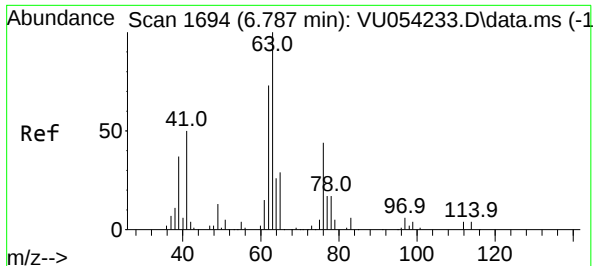
Tgt Ion: 95 Resp: 97581
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.0
132 96.1 70.1 130.3
130 102.5 72.4 134.5



#35
Methylcyclohexane
Concen: 0.589 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU054251.D
Acq: 22 May 2023 17:57

Tgt Ion: 83 Resp: 11158
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.400 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054251.D

Acq: 22 May 2023 17:57

Instrument :

MSVOA_U

ClientSampleId :

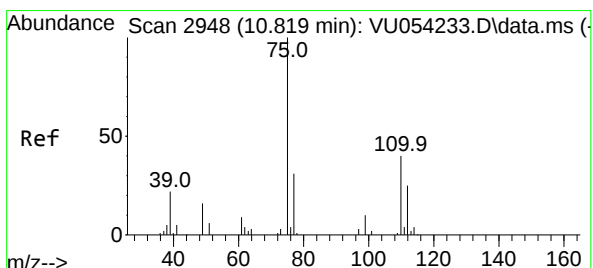
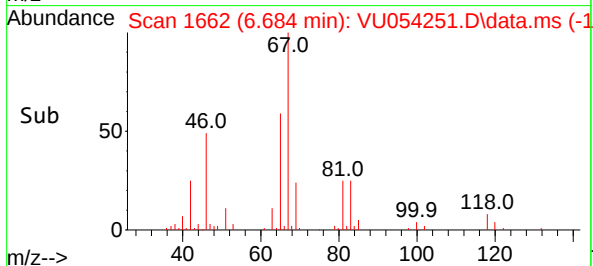
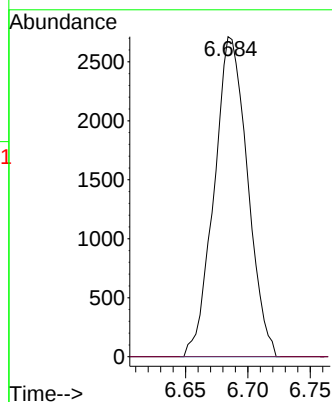
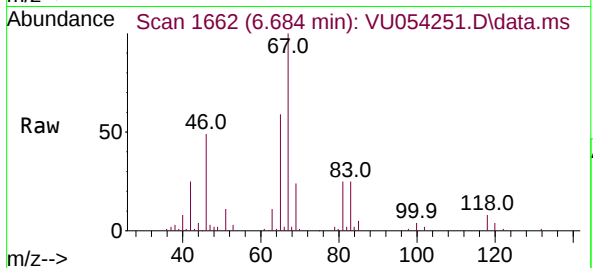
C0P00DL

Tgt Ion: 63 Resp: 5060

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.470 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU054251.D

Acq: 22 May 2023 17:57

Tgt Ion: 75 Resp: 9325

Ion Ratio Lower Upper

75 100

110 0.5 32.3 48.5#

77 30.3 26.3 39.5

