

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048086.D
 Acq On : 15 Apr 2022 02:07
 Operator : SY/MD
 Sample : N2419-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J12

Quant Time: Apr 15 05:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

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

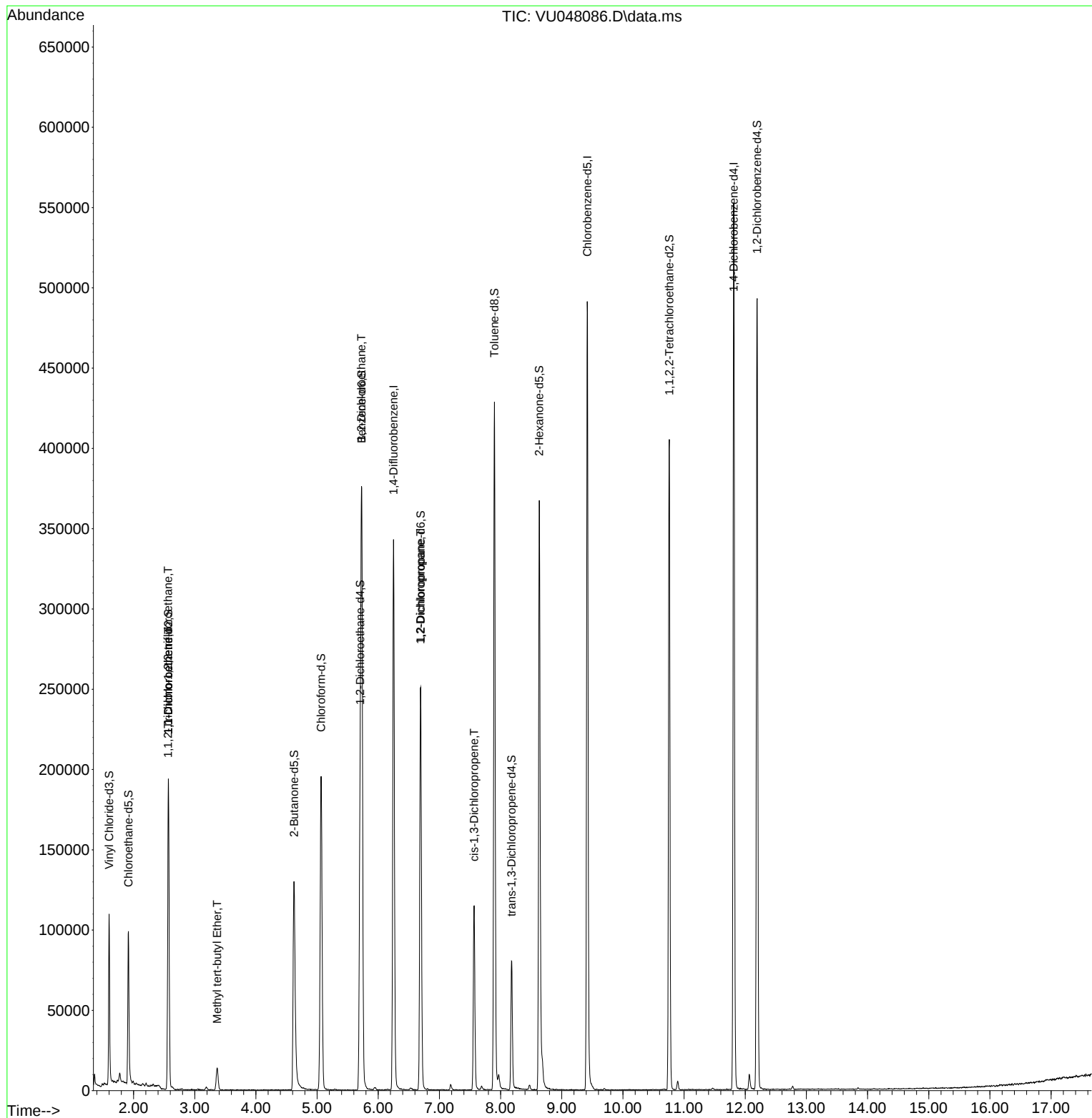
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	290994	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	291984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	75588	35.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.640%
7) Chloroethane-d5	1.916	69	75060	45.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.220%
11) 1,1-Dichloroethene-d2	2.568	63	109360	28.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.660%#
21) 2-Butanone-d5	4.623	46	188826	104.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.250%
24) Chloroform-d	5.067	84	184709	47.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	5.703	65	119989	50.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.340%
32) Benzene-d6	5.729	84	355842	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
36) 1,2-Dichloropropane-d6	6.694	67	123992	54.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.900%
41) Toluene-d8	7.899	98	292926	40.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.840%
43) trans-1,3-Dichloroprop...	8.179	79	46591	40.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
47) 2-Hexanone-d5	8.632	63	123327	93.367	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200018	51.653	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	139589	50.260	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1102	0.514	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	974	0.488	ug/L #	1
18) Methyl tert-butyl Ether	3.366	73	14406	2.372	ug/L	98
27) 1,2-Dichloroethane	5.726	62	1851	0.599	ug/L #	75
37) 1,2-Dichloropropane	6.690	63	12461	5.800	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2595	0.778	ug/L #	46

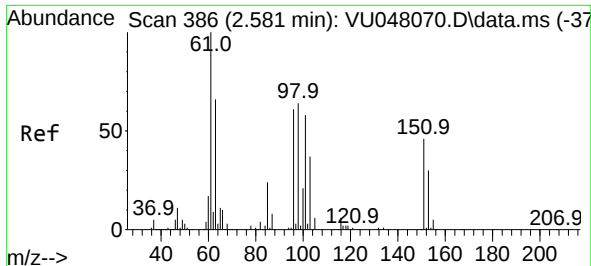
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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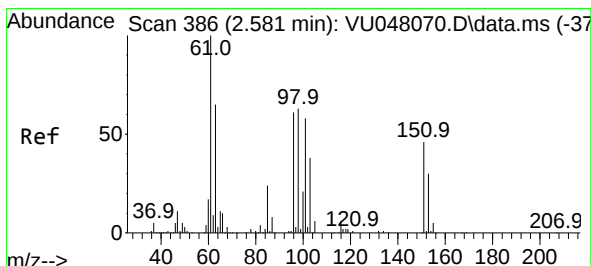
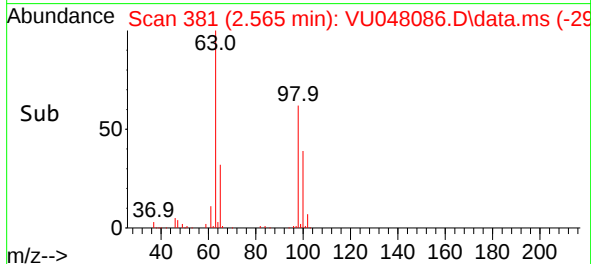
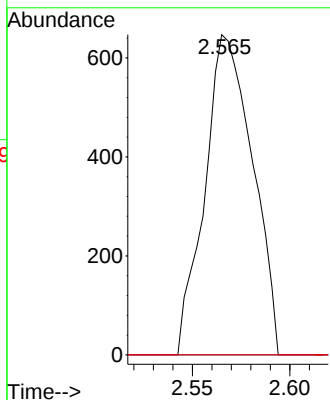
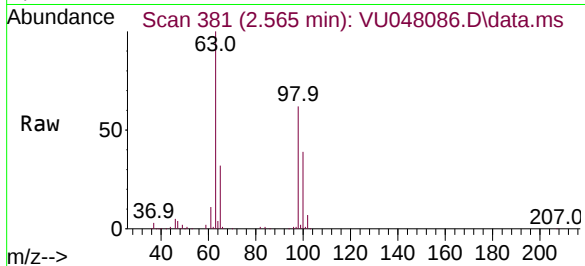




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.514 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048086.D
 Acq: 15 Apr 2022 02:07

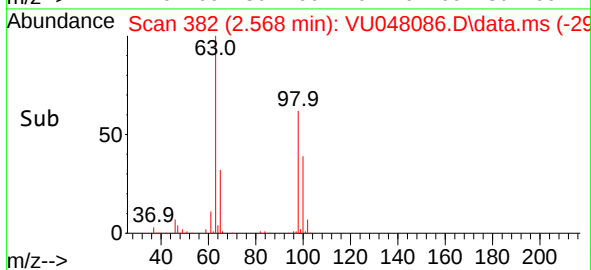
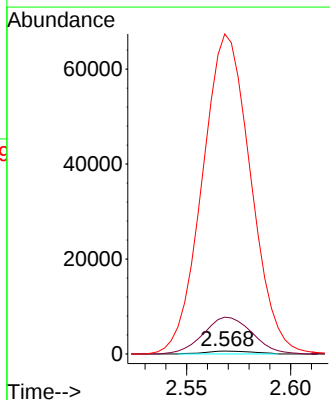
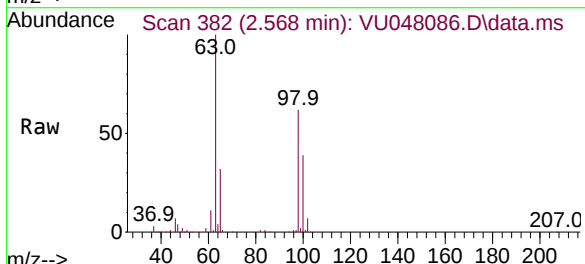
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J12

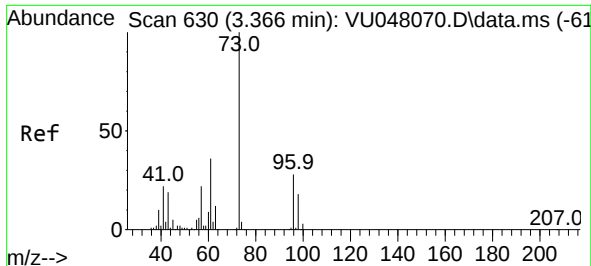
Tgt Ion:101 Resp: 1102
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.488 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048086.D
 Acq: 15 Apr 2022 02:07

Tgt Ion: 96 Resp: 974
 Ion Ratio Lower Upper
 96 100
 61 1277.2 113.1 210.1#
 63 11124.8 94.8 176.0#

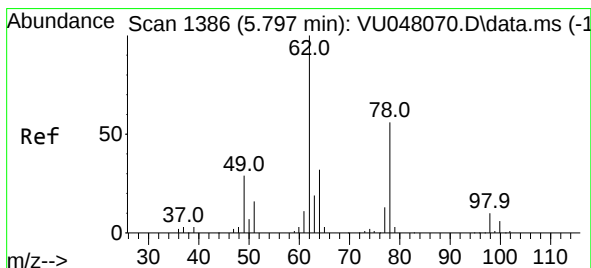
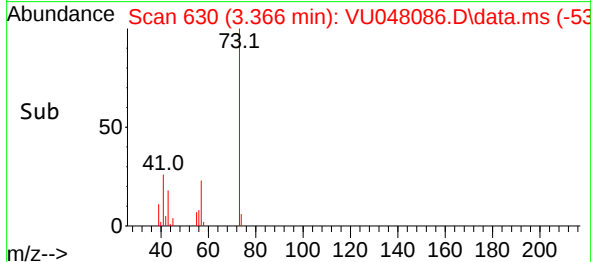
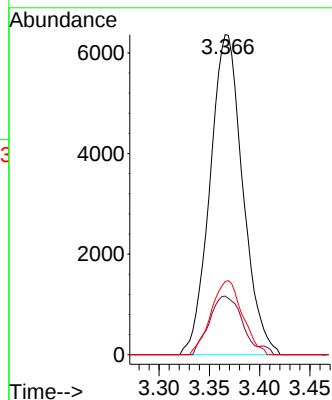
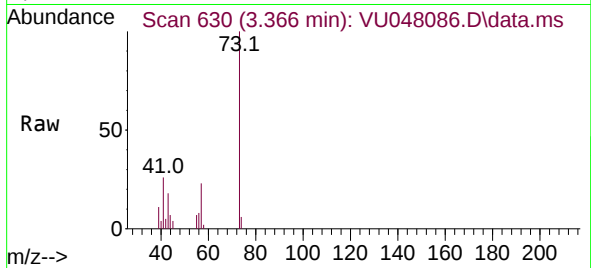




#18
Methyl tert-butyl Ether
Concen: 2.372 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048086.D
Acq: 15 Apr 2022 02:07

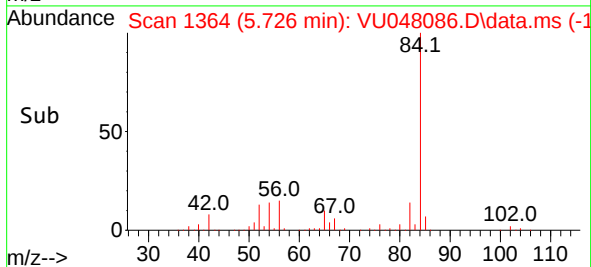
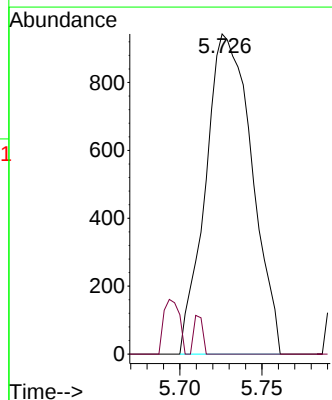
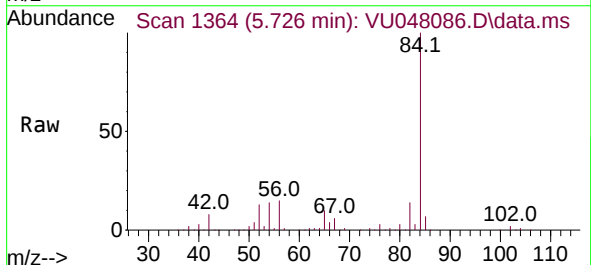
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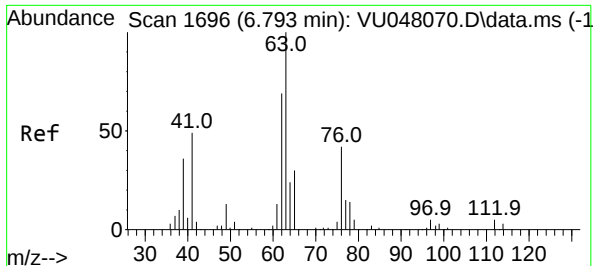
Tgt Ion: 73	Resp: 14406
Ion Ratio	Lower Upper
73 100	
43 18.0	15.3 22.9
57 22.2	17.0 25.6



#27
1,2-Dichloroethane
Concen: 0.599 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.071 min
Lab File: VU048086.D
Acq: 15 Apr 2022 02:07

Tgt Ion: 62	Resp: 1851
Ion Ratio	Lower Upper
62 100	
98 0.0	7.4 11.0#





#37

1,2-Dichloropropane

Concen: 5.800 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048086.D

Acq: 15 Apr 2022 02:07

Instrument :

MSVOA_U

ClientSampleId :

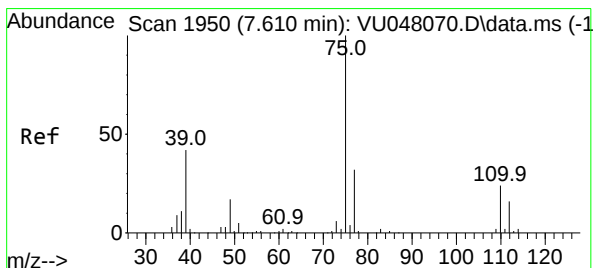
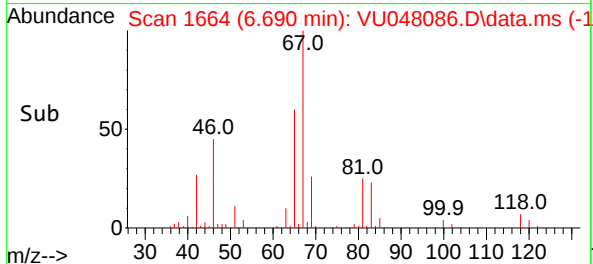
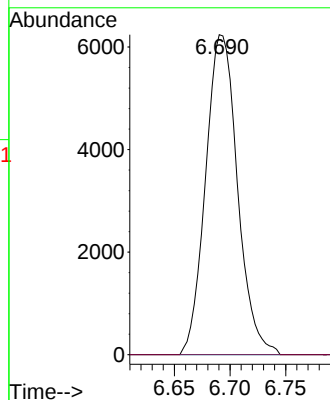
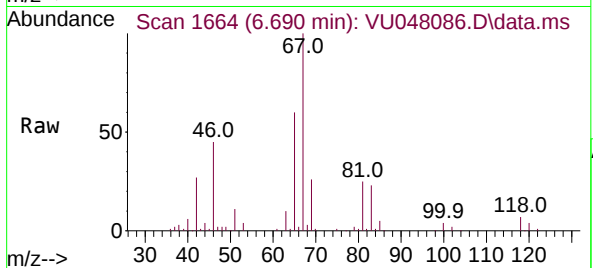
C0J12

Tgt Ion: 63 Resp: 12461

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048086.D

Acq: 15 Apr 2022 02:07

Tgt Ion: 75 Resp: 2595

Ion Ratio Lower Upper

75 100

77 61.0 21.8 40.6#

