

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053511.D
 Acq On : 03 Apr 2023 11:43
 Operator : JC/MD
 Sample : VU0403MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK063

Quant Time: Apr 04 02:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

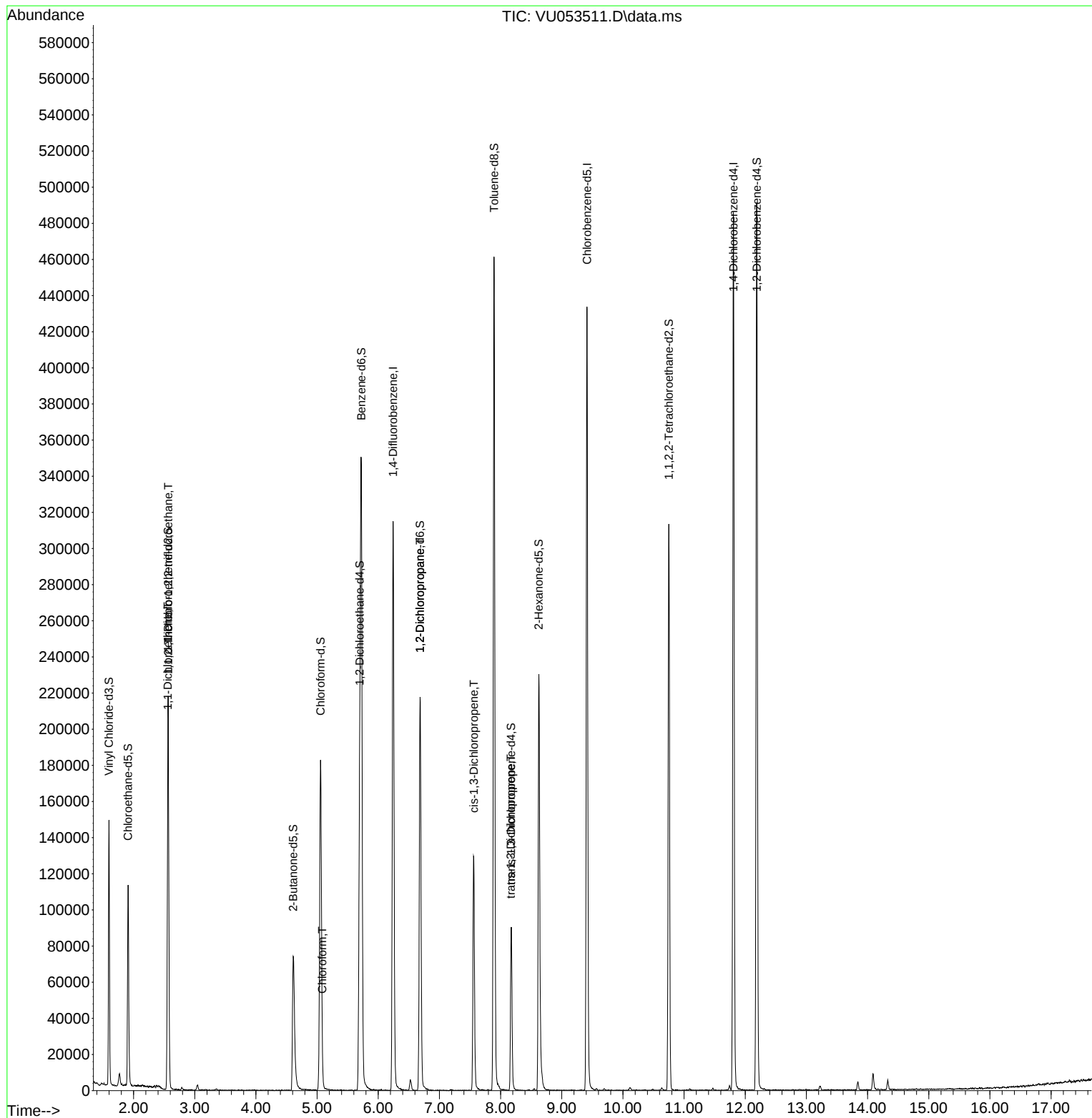
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	273909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	134028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103279	48.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.840%			
7) Chloroethane-d5	1.909	69	84905	51.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.260%			
11) 1,1-Dichloroethene-d2	2.565	63	123974	37.550	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.100%			
21) 2-Butanone-d5	4.610	46	106669	110.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.460%			
24) Chloroform-d	5.057	84	166297	47.146	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.300%			
26) 1,2-Dichloroethane-d4	5.697	65	105832	50.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.560%			
32) Benzene-d6	5.722	84	342552	50.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.140%			
36) 1,2-Dichloropropane-d6	6.684	67	106987	51.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.340%			
41) Toluene-d8	7.893	98	322697	47.927	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.860%			
43) trans-1,3-Dichloroprop...	8.173	79	53758	50.296	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.600%			
47) 2-Hexanone-d5	8.626	63	81691	115.600	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.600%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	149096	51.088	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.180%			
66) 1,2-Dichlorobenzene-d4	12.188	152	131464	46.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.980%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1439	0.763	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1223	0.728	ug/L #	1
25) Chloroform	5.086	83	2391	0.745	ug/L	100
37) 1,2-Dichloropropane	6.684	63	11569	6.968	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	3594	1.325	ug/L #	61
44) trans-1,3-Dichloropropene	8.169	75	2516	0.981	ug/L	95

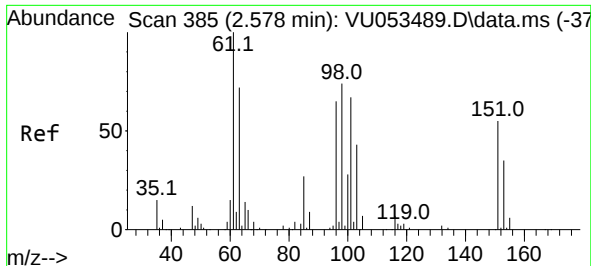
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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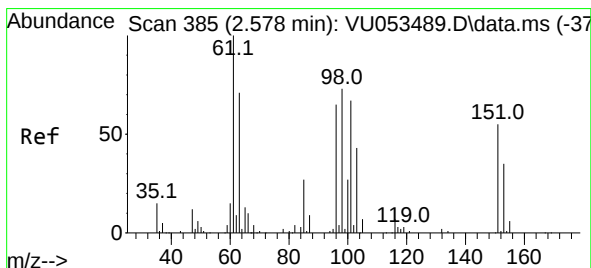
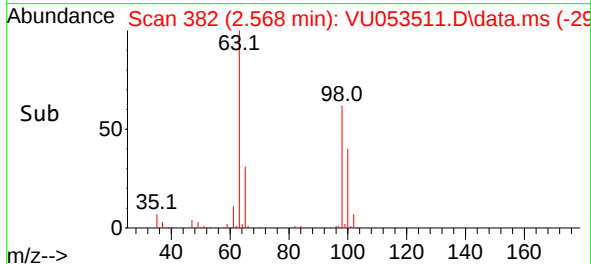
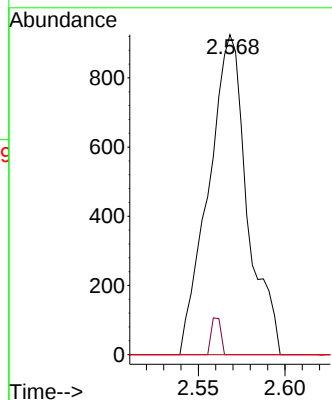
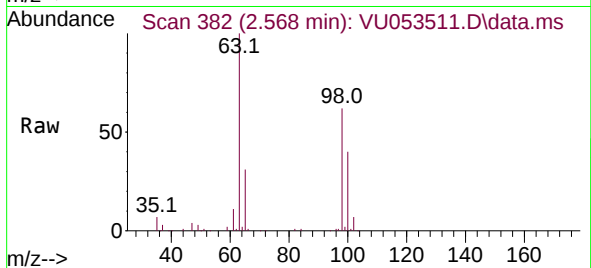




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.763 ug/L
 RT: 2.568 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VU053511.D
 Acq: 03 Apr 2023 11:43

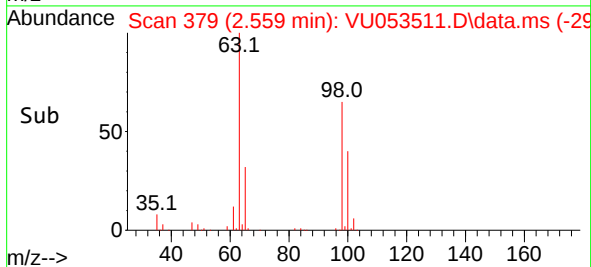
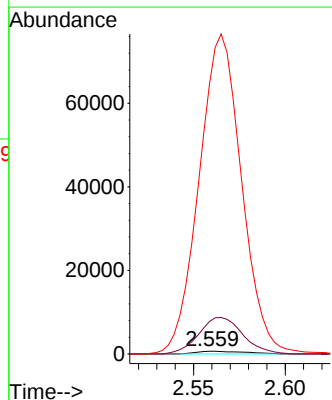
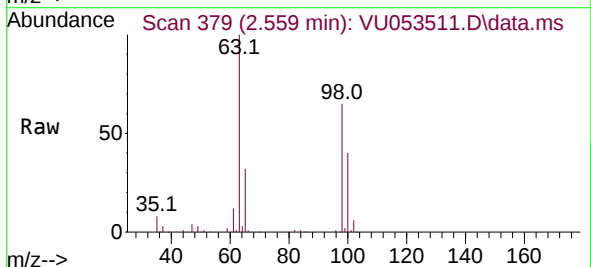
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK063

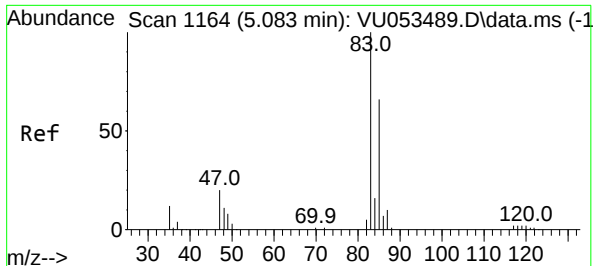
Tgt Ion:101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 85 2.8 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.728 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU053511.D
 Acq: 03 Apr 2023 11:43

Tgt Ion: 96 Resp: 1223
 Ion Ratio Lower Upper
 96 100
 61 1194.0 107.9 200.5#
 63 9918.3 79.1 146.9#





#25

Chloroform

Concen: 0.745 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU053511.D

Acq: 03 Apr 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

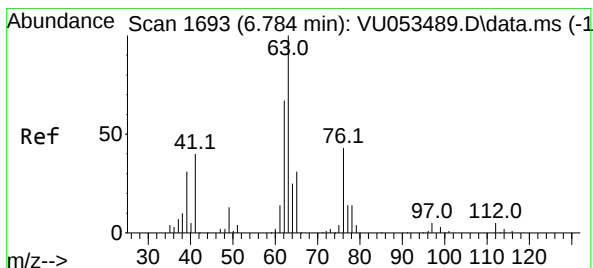
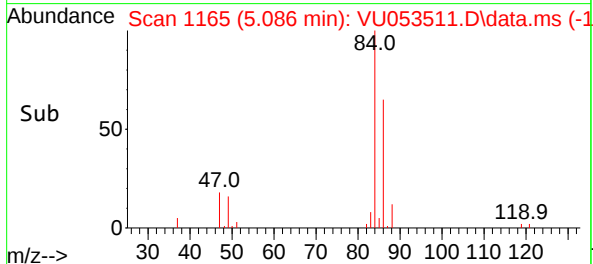
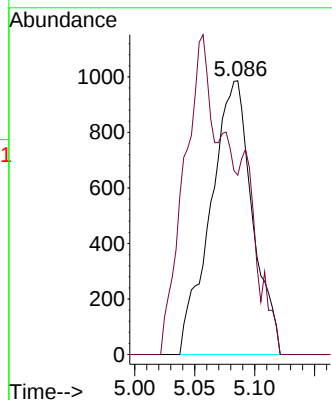
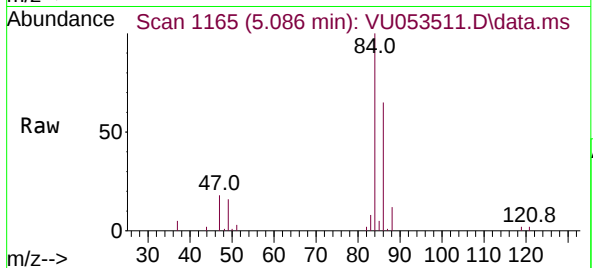
VBLK063

Tgt Ion: 83 Resp: 2391

Ion Ratio Lower Upper

83 100

85 65.5 46.1 85.5



#37

1,2-Dichloropropane

Concen: 6.968 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053511.D

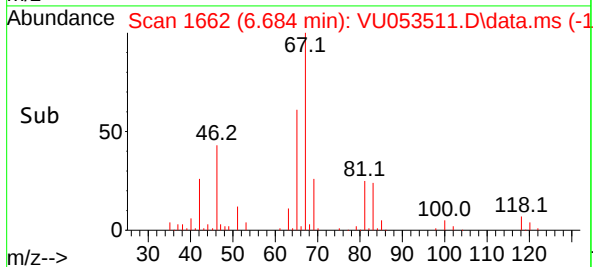
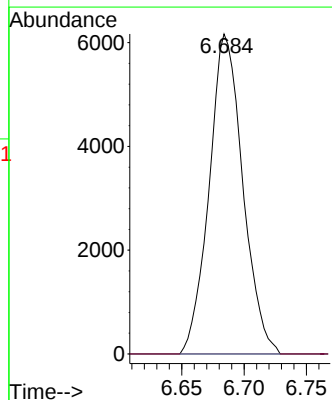
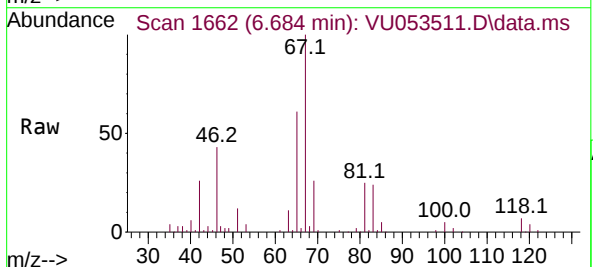
Acq: 03 Apr 2023 11:43

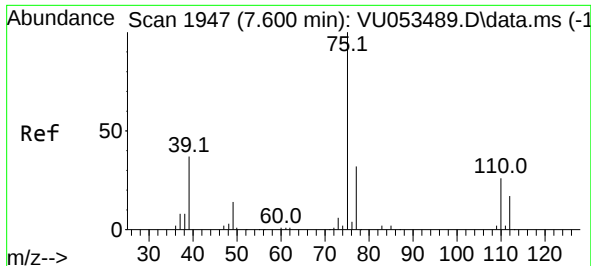
Tgt Ion: 63 Resp: 11569

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.325 ug/L

RT: 7.562 min Scan# 1947

Delta R.T. -0.039 min

Lab File: VU053511.D

Acq: 03 Apr 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

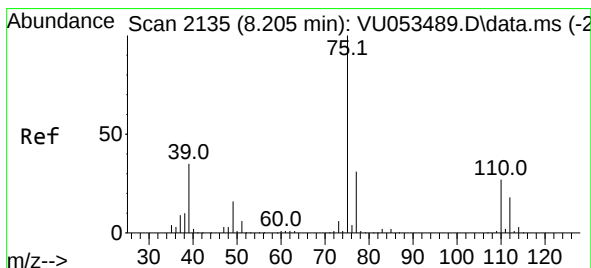
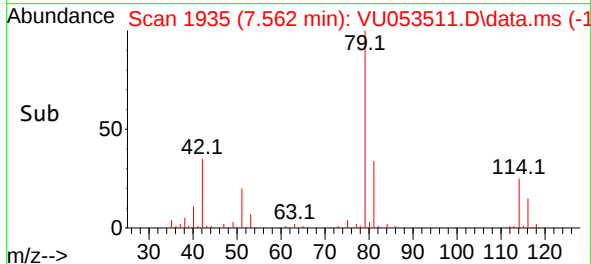
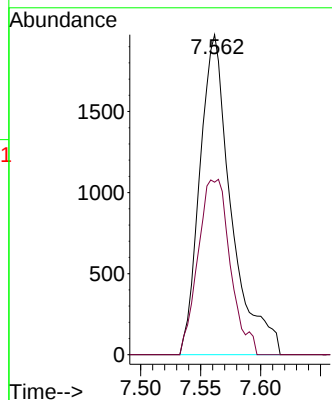
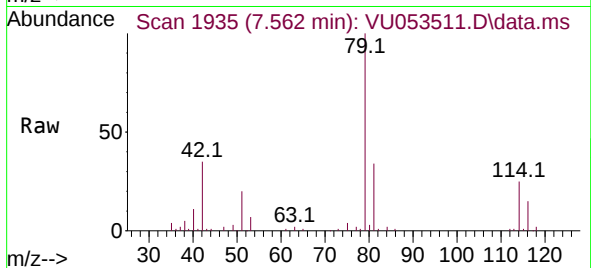
VBLK063

Tgt Ion: 75 Resp: 3594

Ion Ratio Lower Upper

75 100

77 53.9 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 8.169 min Scan# 2124

Delta R.T. -0.035 min

Lab File: VU053511.D

Acq: 03 Apr 2023 11:43

Tgt Ion: 75 Resp: 2516

Ion Ratio Lower Upper

75 100

77 34.0 21.8 40.4

