

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031425.D
 Acq On : 08 Jun 2023 02:18
 Operator : SY/MD
 Sample : 03077-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FA6

Quant Time: Jun 08 05:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

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

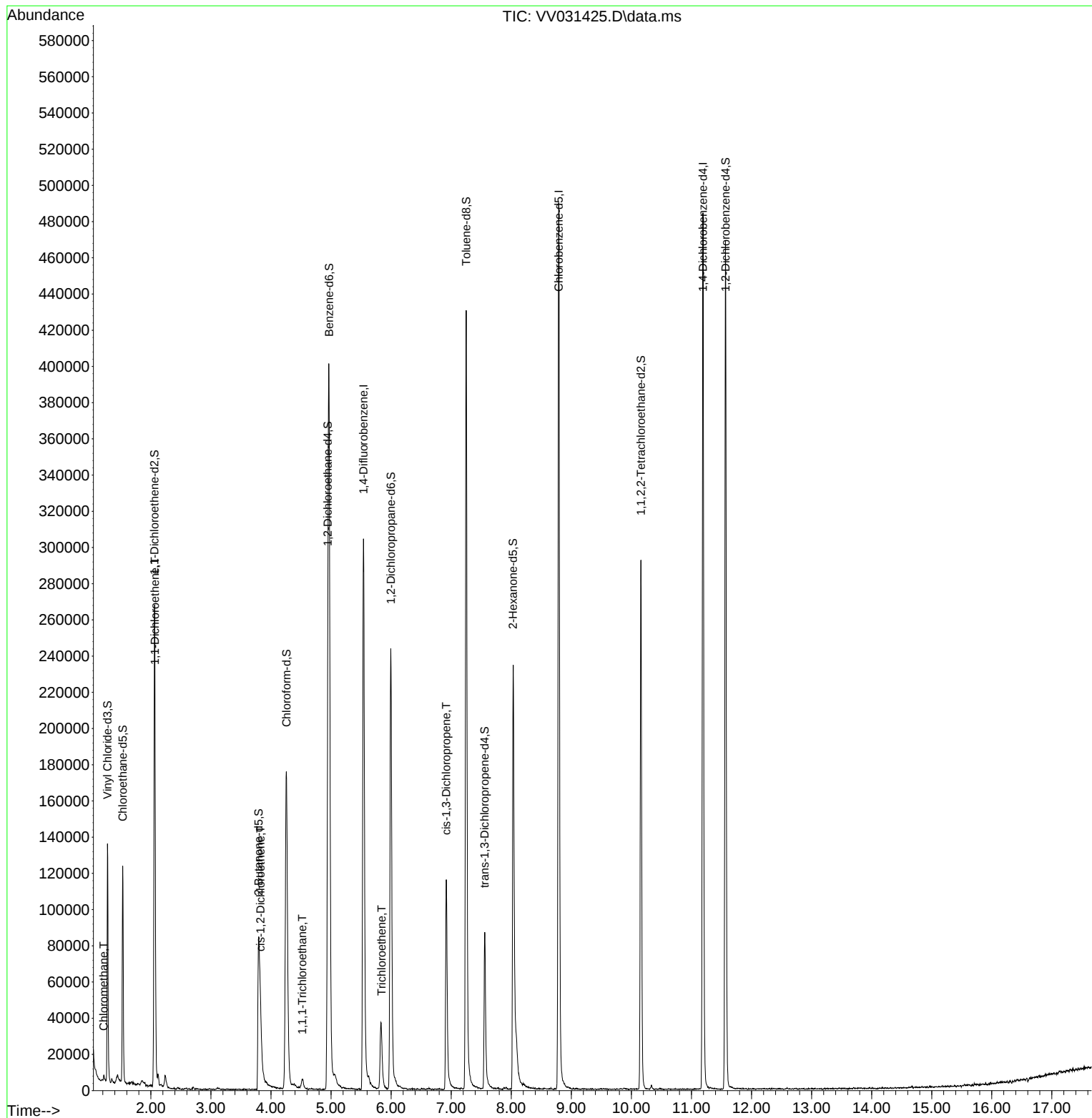
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	250153	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	257402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	123516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88045	40.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.000%
7) Chloroethane-d5	1.532	69	76011	42.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	2.060	65	44422	42.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
21) 2-Butanone-d5	3.793	46	141121	88.722	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.720%
24) Chloroform-d	4.256	84	186489	44.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
26) 1,2-Dichloroethane-d4	4.947	65	132237	47.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	4.966	84	328263	43.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.995	67	117094	44.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.660%
41) Toluene-d8	7.249	98	289124	41.415	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	7.558	79	51987	39.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.140%
47) 2-Hexanone-d5	8.030	63	73336	73.712	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.710%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	138183	41.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.900%
66) 1,2-Dichlorobenzene-d4	11.567	152	114639	50.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.060%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1768	2.172	ug/L	100
12) 1,1-Dichloroethene	2.069	96	10418	10.439	ug/L	# 1
20) cis-1,2-Dichloroethene	3.825	96	11169	7.261	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	4635	1.525	ug/L	96
34) Trichloroethene	5.844	95	3279	1.832	ug/L	92
39) cis-1,3-Dichloropropene	6.918	75	3173	1.039	ug/L	93

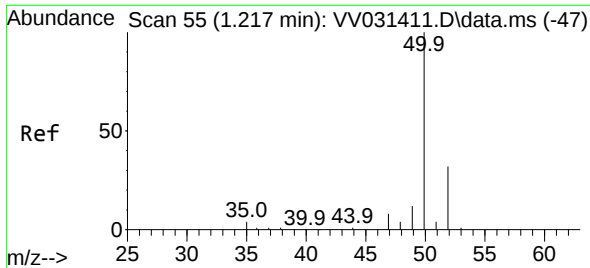
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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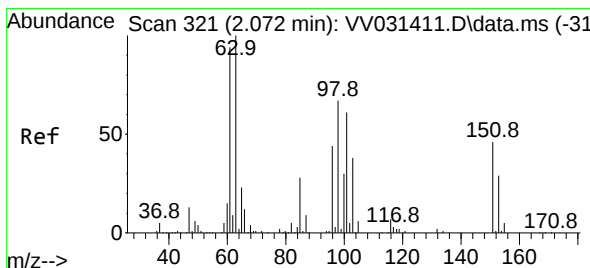
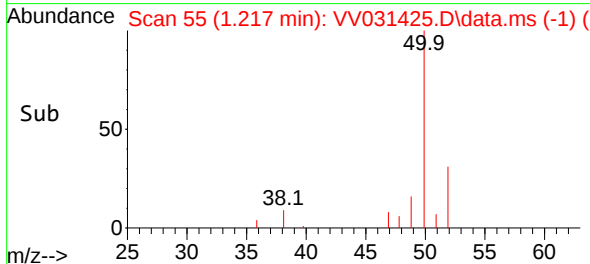
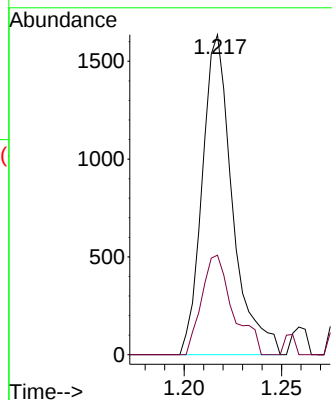
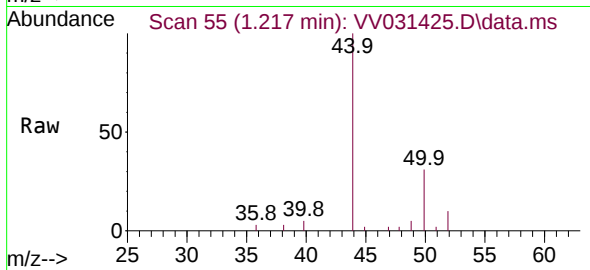




#3
Chloromethane
Concen: 2.172 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031425.D
Acq: 08 Jun 2023 02:18

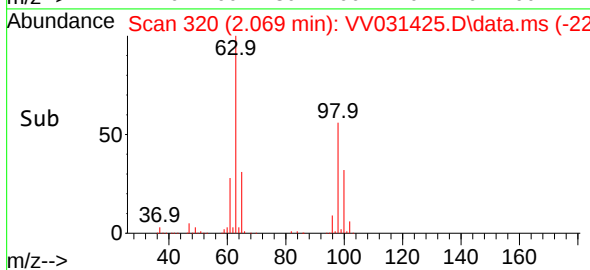
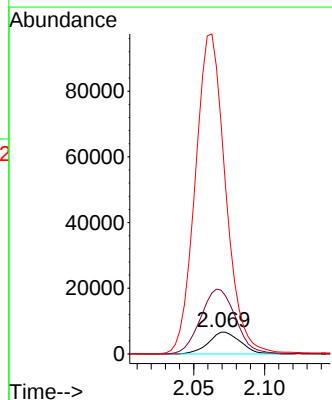
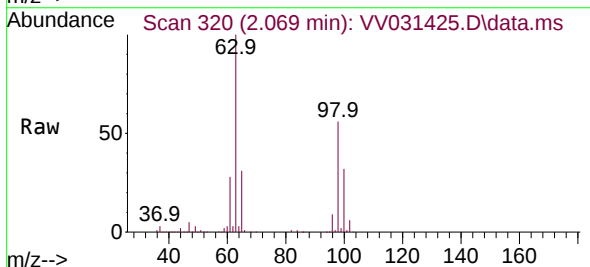
Instrument :
MSVOA_V
ClientSampleId :
C0FA6

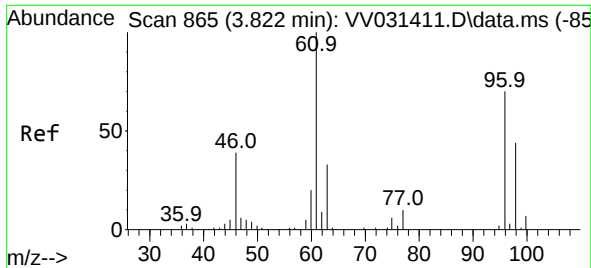
Tgt Ion: 50 Resp: 1768
Ion Ratio Lower Upper
50 100
52 31.1 21.9 40.7



#12
1,1-Dichloroethene
Concen: 10.439 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.003 min
Lab File: VV031425.D
Acq: 08 Jun 2023 02:18

Tgt Ion: 96 Resp: 10418
Ion Ratio Lower Upper
96 100
61 292.7 143.9 267.3#
63 1061.5 158.3 293.9#

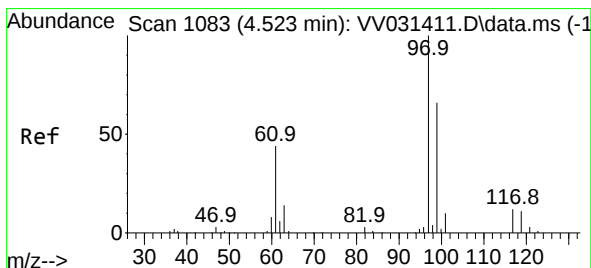
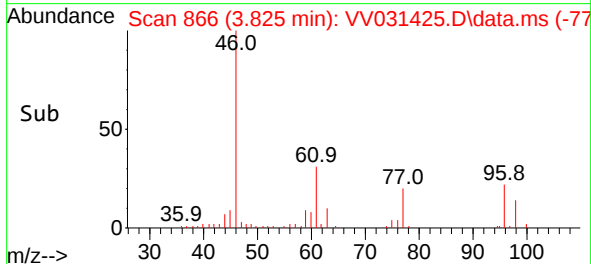
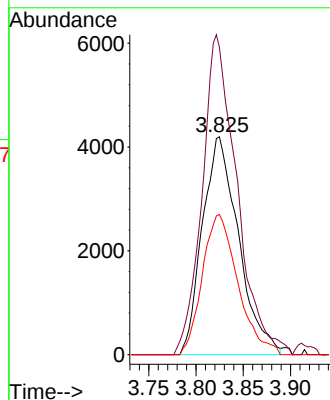
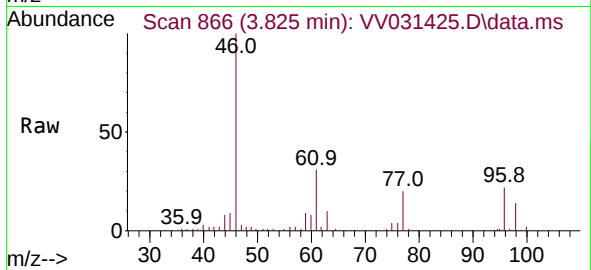




#20
 cis-1,2-Dichloroethene
 Concen: 7.261 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031425.D
 Acq: 08 Jun 2023 02:18

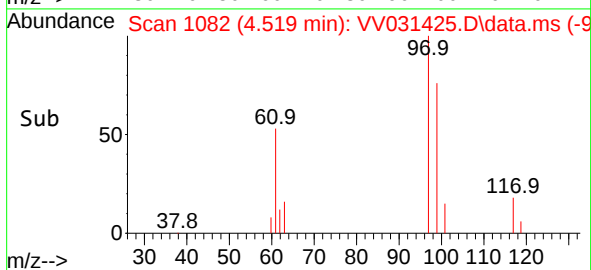
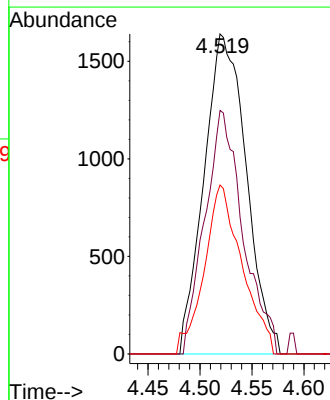
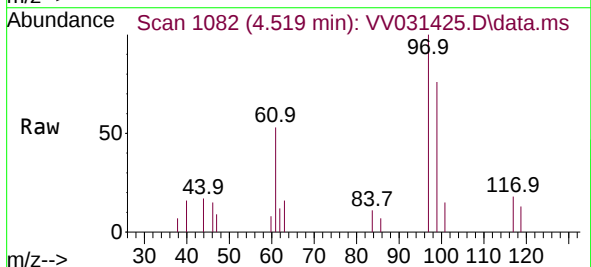
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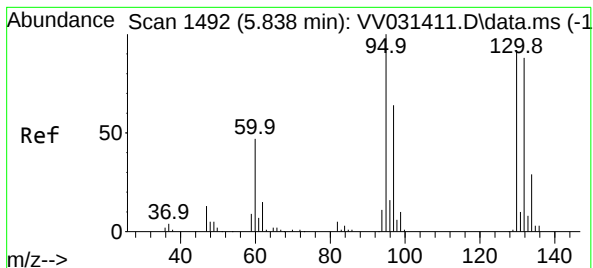
Tgt Ion: 96 Resp: 11169
 Ion Ratio Lower Upper
 96 100
 61 141.1 101.6 188.6
 98 64.3 44.4 82.4



#30
 1,1,1-Trichloroethane
 Concen: 1.525 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.003 min
 Lab File: VV031425.D
 Acq: 08 Jun 2023 02:18

Tgt Ion: 97 Resp: 4635
 Ion Ratio Lower Upper
 97 100
 99 69.0 51.9 77.9
 61 46.2 36.1 54.1





#34

Trichloroethene

Concen: 1.832 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031425.D

Acq: 08 Jun 2023 02:18

Instrument :

MSVOA_V

ClientSampleId :

C0FA6

Tgt Ion: 95 Resp: 3279

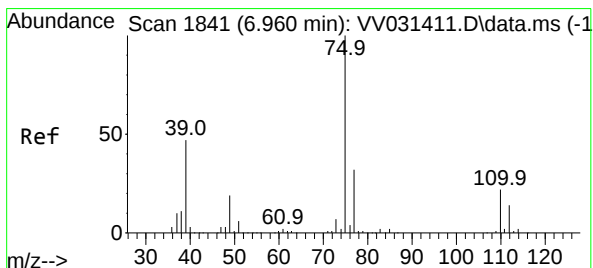
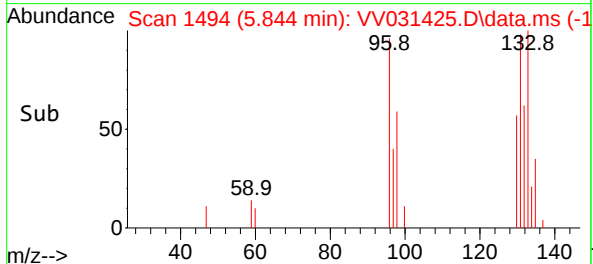
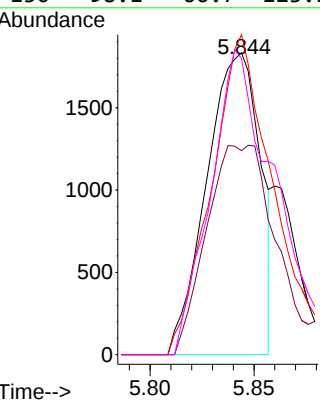
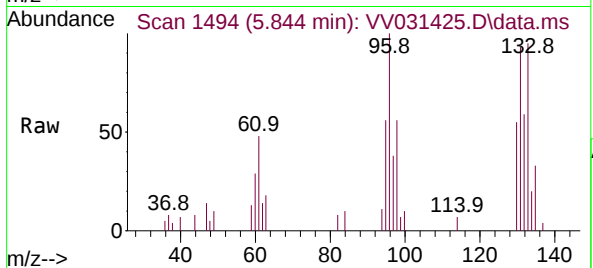
Ion Ratio Lower Upper

95 100

97 67.6 44.2 82.0

132 106.0 64.2 119.2

130 98.1 66.7 123.9



#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031425.D

Acq: 08 Jun 2023 02:18

Tgt Ion: 75 Resp: 3173

Ion Ratio Lower Upper

75 100

77 37.0 23.2 43.2

