

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046450.D
 Acq On : 17 Dec 2021 03:03
 Operator : SY/MD
 Sample : M5121-04 20X
 Misc : 5.71g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:07:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

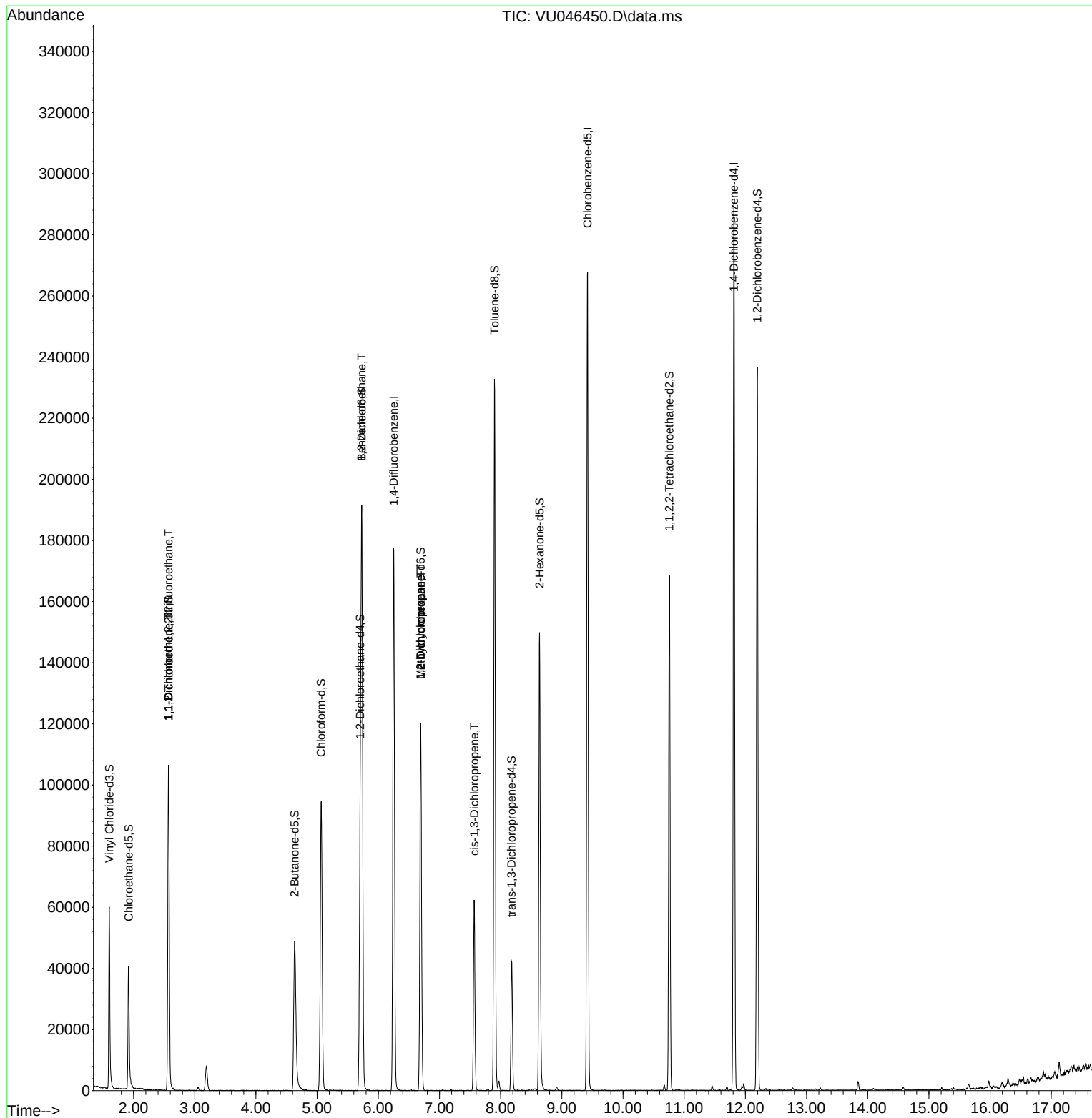
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142253	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48713	41.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.140%
7) Chloroethane-d5	1.919	69	33929	37.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.420%
11) 1,1-Dichloroethene-d2	2.572	63	63556	30.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.420%
21) 2-Butanone-d5	4.633	46	71319	76.561	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.560%
24) Chloroform-d	5.067	84	89016	45.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.980%
26) 1,2-Dichloroethane-d4	5.703	65	60184	45.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
32) Benzene-d6	5.729	84	177542	42.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	6.694	67	55802	42.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.240%
41) Toluene-d8	7.899	98	153195	39.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.660%#
43) trans-1,3-Dichloroprop...	8.179	79	24303	38.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.900%
47) 2-Hexanone-d5	8.636	63	53244	85.765	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	81010	40.797	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	60856	41.836	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	584	0.564	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	464	0.472	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	911	0.584	ug/L #	73
35) Methylcyclohexane	6.694	83	13475	7.394	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6267	5.362	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1614	0.908	ug/L #	52

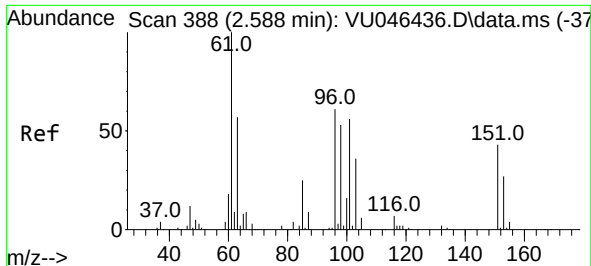
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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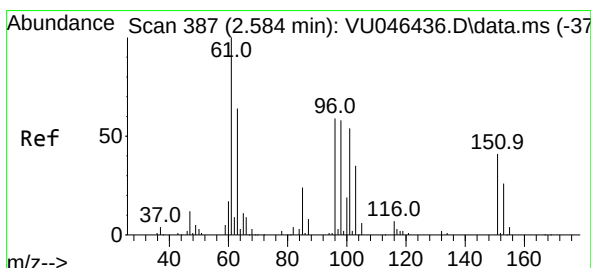
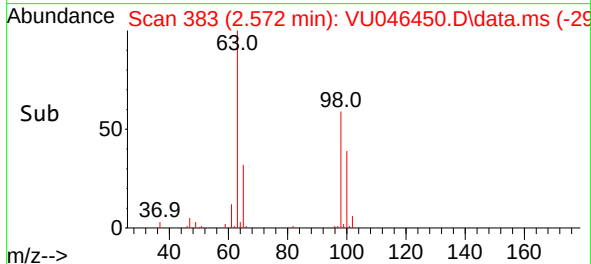
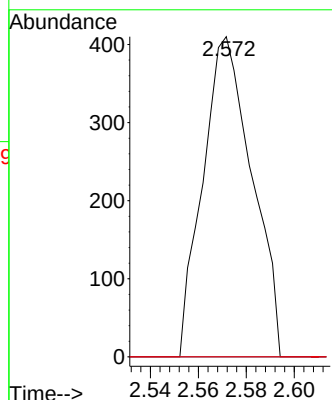
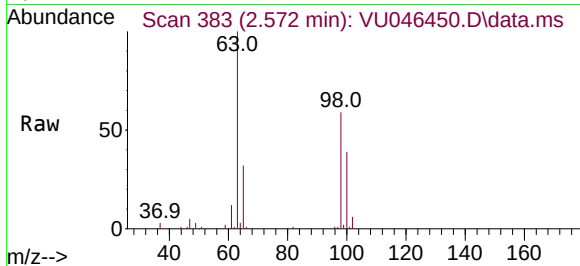




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.564 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046450.D
Acq: 17 Dec 2021 03:03

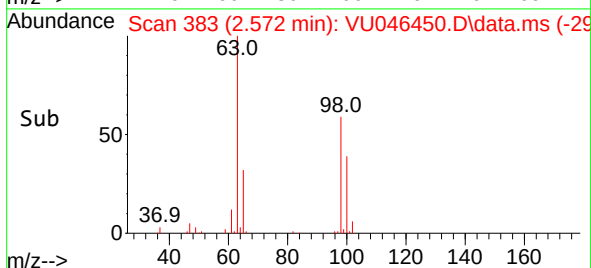
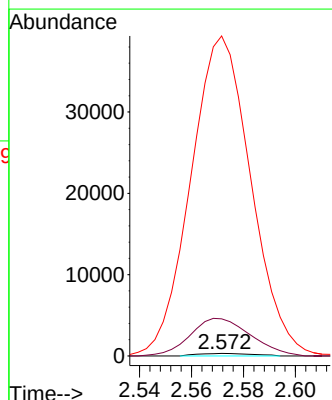
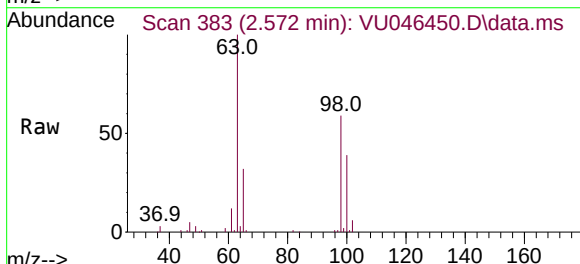
Instrument :
MSVOA_U
ClientSampleId :

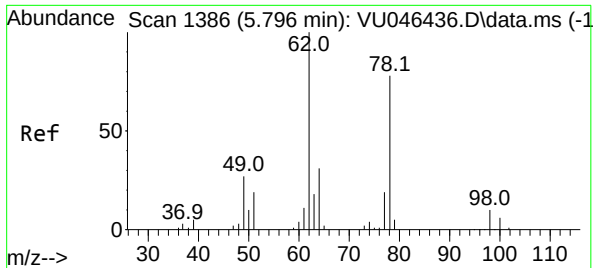
Tgt Ion:101 Resp: 584
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.472 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046450.D
Acq: 17 Dec 2021 03:03

Tgt Ion: 96 Resp: 464
Ion Ratio Lower Upper
96 100
61 1480.3 118.6 220.2#
63 12735.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.584 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU046450.D

Acq: 17 Dec 2021 03:03

Instrument :

MSVOA_U

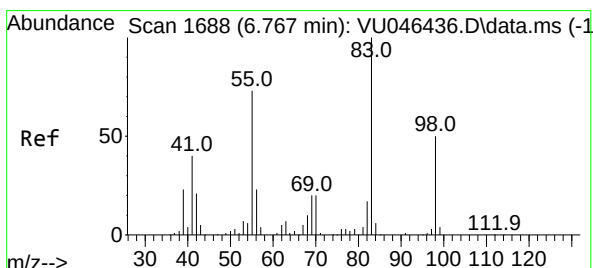
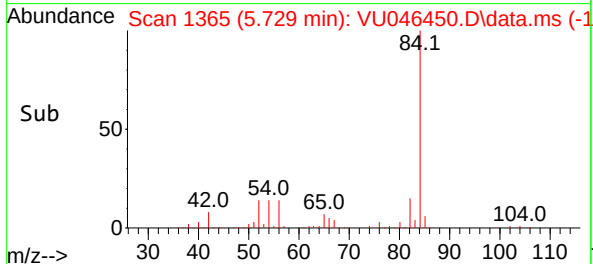
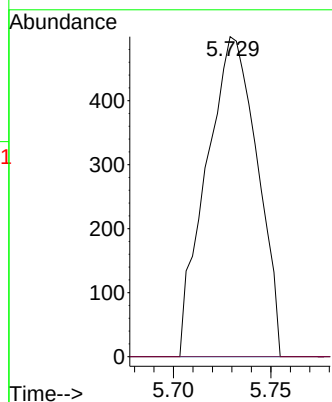
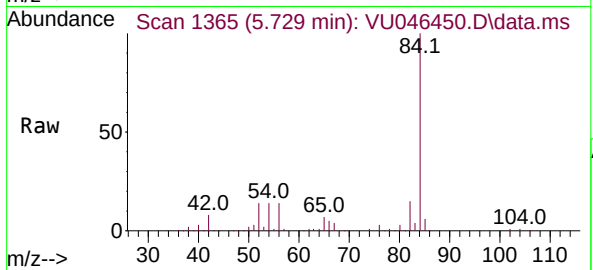
ClientSampleId :

Tgt Ion: 62 Resp: 911

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.394 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046450.D

Acq: 17 Dec 2021 03:03

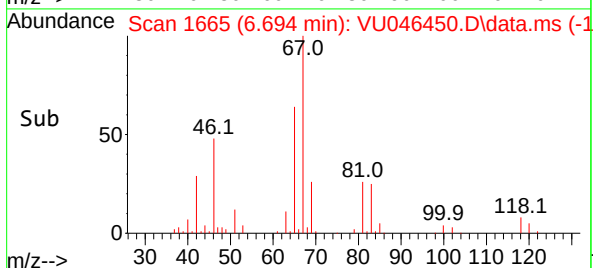
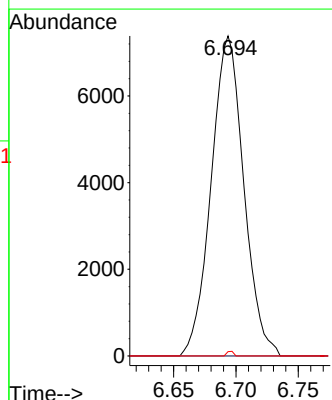
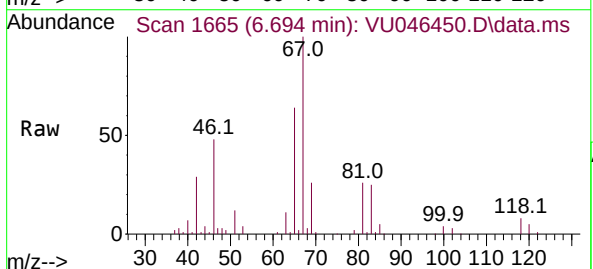
Tgt Ion: 83 Resp: 13475

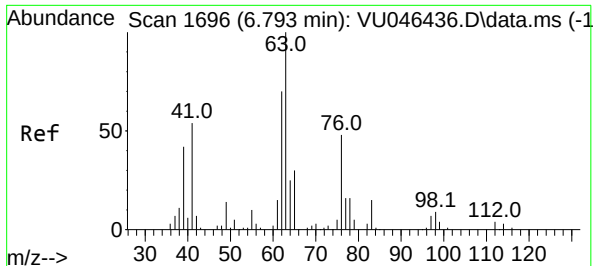
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.362 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046450.D

Acq: 17 Dec 2021 03:03

Instrument :

MSVOA_U

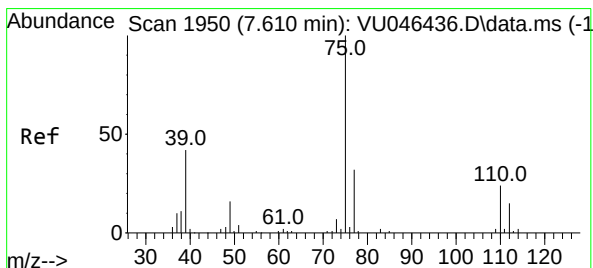
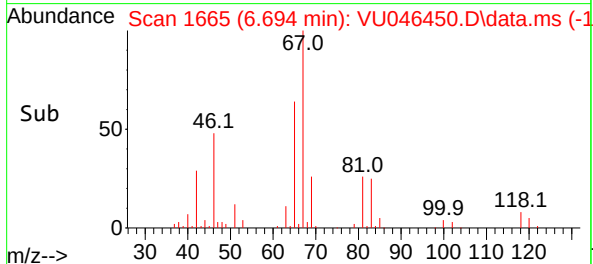
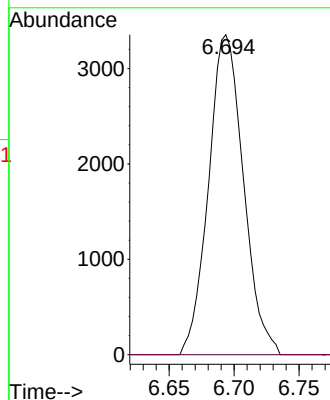
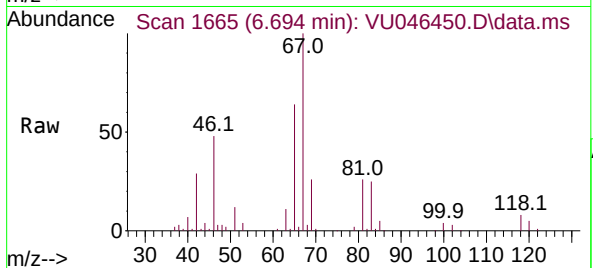
ClientSampleId :

Tgt Ion: 63 Resp: 6267

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.908 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046450.D

Acq: 17 Dec 2021 03:03

Tgt Ion: 75 Resp: 1614

Ion Ratio Lower Upper

75 100

77 57.9 21.8 40.6#

