

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044788.D
 Acq On : 23 Sep 2021 16:36
 Operator : SY/MD
 Sample : M3873-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7Y1

Quant Time: Sep 24 05:38:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

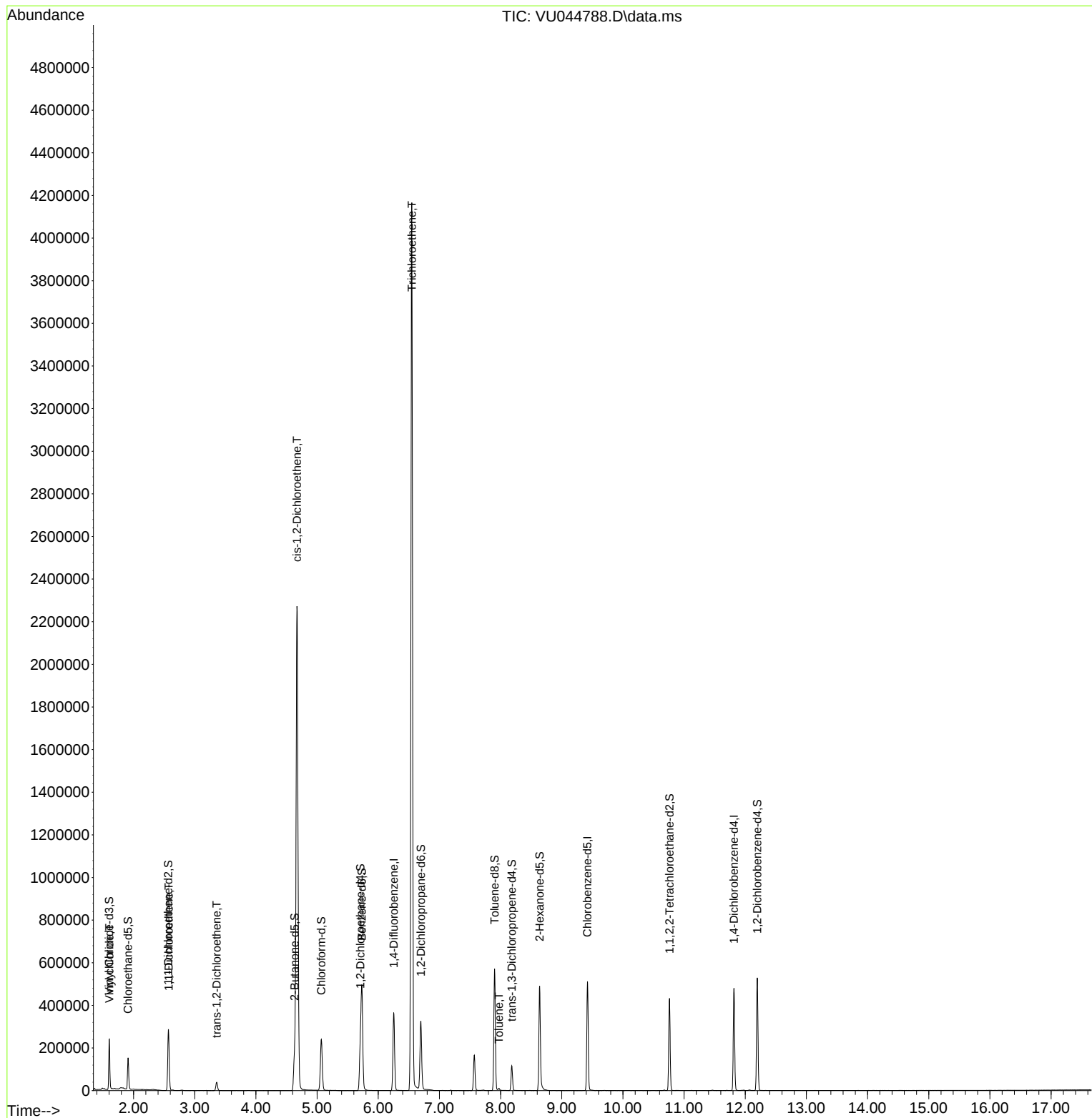
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	275183	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	117667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131383	43.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.220%
7) Chloroethane-d5	1.909	69	108961	45.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	2.568	63	171990	33.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.000%
21) 2-Butanone-d5	4.632	46	246542	103.521	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.520%
24) Chloroform-d	5.070	84	212678	44.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.706	65	151763	47.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
32) Benzene-d6	5.732	84	431866	46.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.697	67	144211	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.260%
41) Toluene-d8	7.902	98	361802	45.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.300%
43) trans-1,3-Dichloroprop...	8.182	79	60996	45.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.560%
47) 2-Hexanone-d5	8.639	63	170260	101.464	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.460%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210980	44.745	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.480%
66) 1,2-Dichlorobenzene-d4	12.198	152	128028	49.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
5) Vinyl chloride	1.607	62	40020	12.437	ug/L	88
12) 1,1-Dichloroethene	2.575	96	2252	1.057	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	15458	6.886	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	1117163	451.631	ug/L	97
34) Trichloroethene	6.549	95	1405373	589.466	ug/L	99
42) Toluene	7.973	91	6057	0.601	ug/L	96

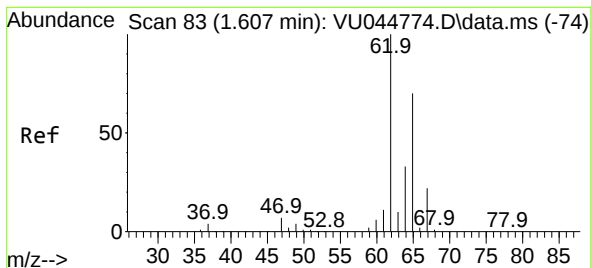
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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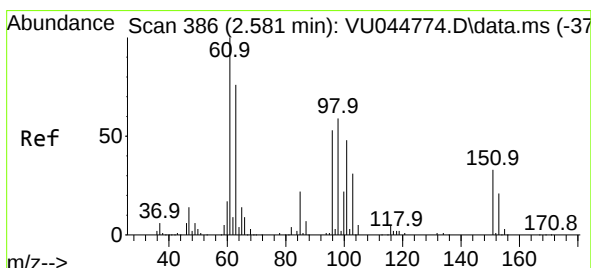
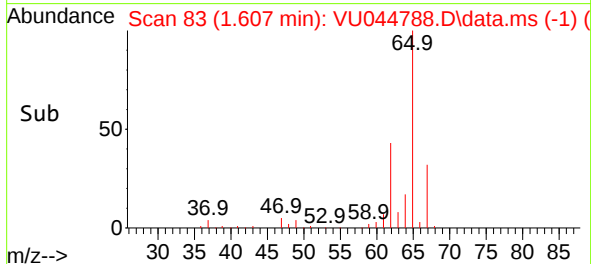
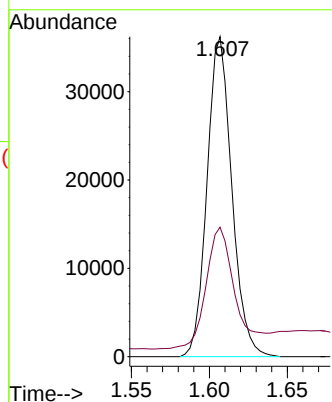
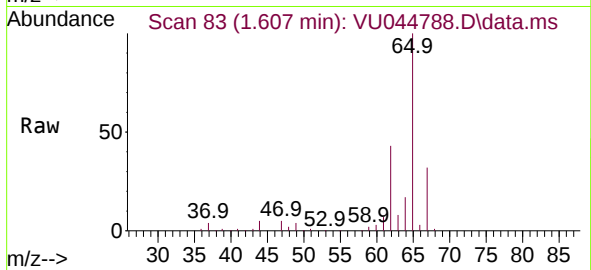




#5
 Vinyl chloride
 Concen: 12.437 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044788.D
 Acq: 23 Sep 2021 16:36

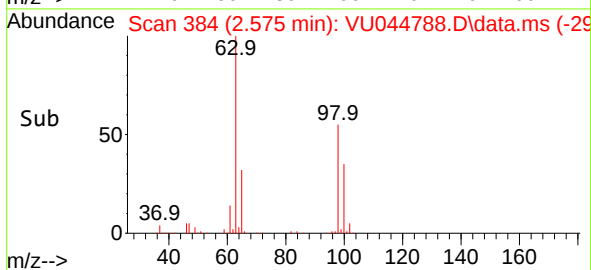
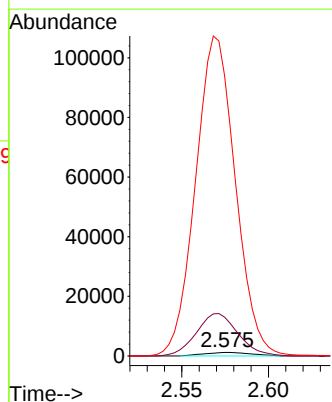
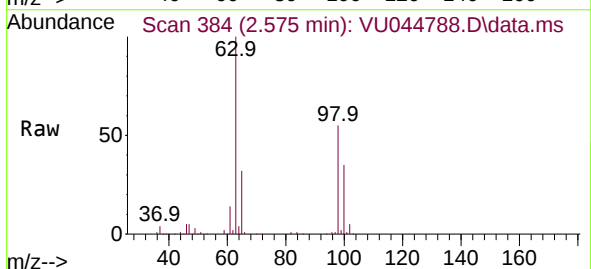
Instrument :
 MSVOA_U
 ClientSampleId :
 EW7Y1

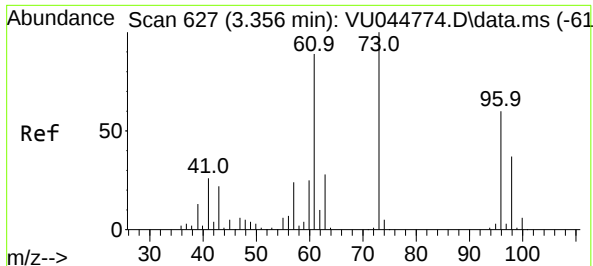
Tgt Ion: 62 Resp: 40020
 Ion Ratio Lower Upper
 62 100
 64 40.4 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 1.057 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU044788.D
 Acq: 23 Sep 2021 16:36

Tgt Ion: 96 Resp: 2252
 Ion Ratio Lower Upper
 96 100
 61 1094.1 131.3 243.9#
 63 7896.7 102.5 190.3#



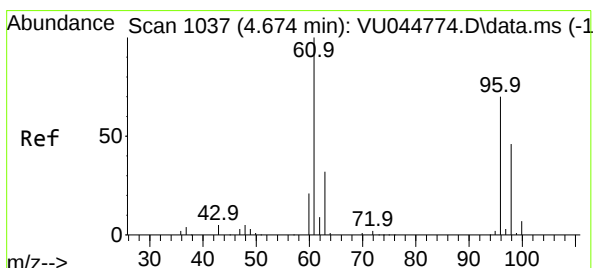
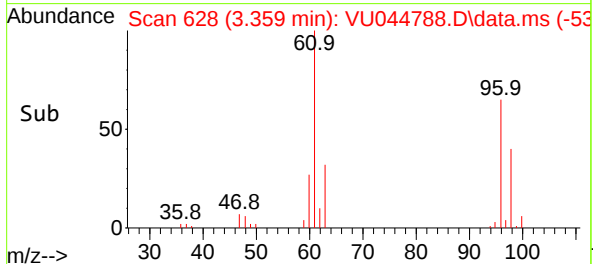
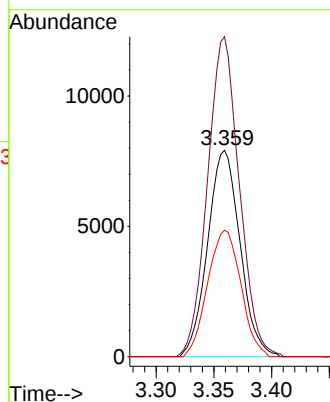
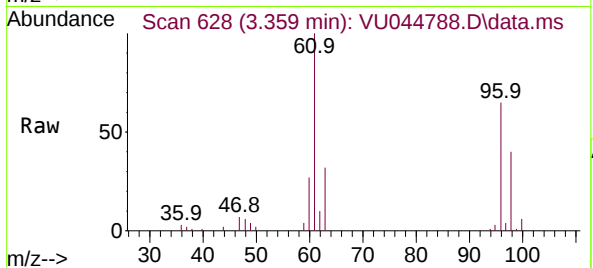


#17

trans-1,2-Dichloroethene
Concen: 6.886 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044788.D
Acq: 23 Sep 2021 16:36

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MSVOA_U
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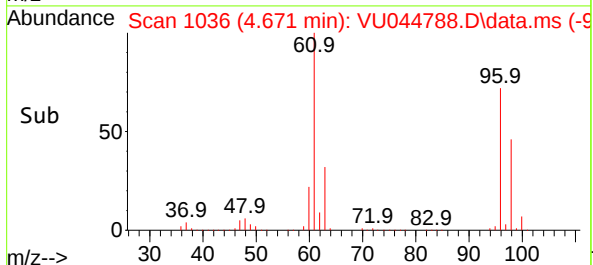
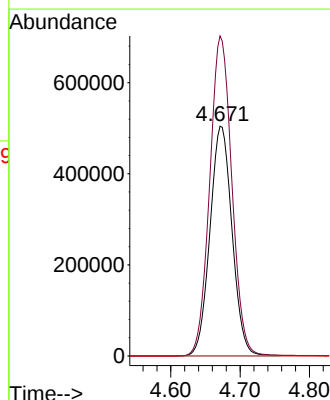
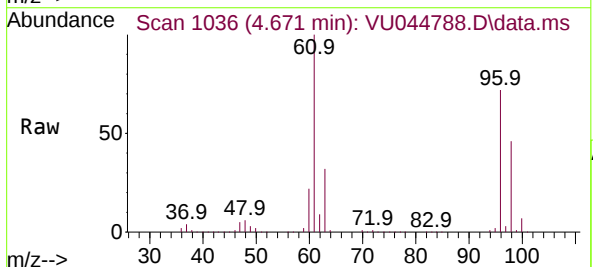
Tgt Ion: 96 Resp: 15458
Ion Ratio Lower Upper
96 100
61 155.0 105.1 195.3
98 61.3 43.0 79.8

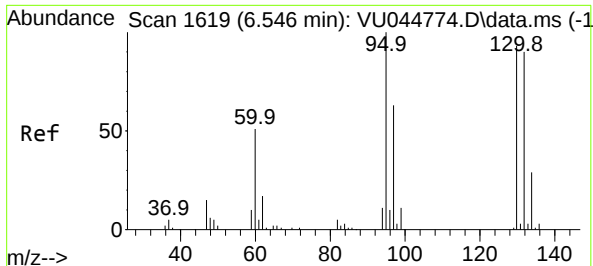


#20

cis-1,2-Dichloroethene
Concen: 451.631 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044788.D
Acq: 23 Sep 2021 16:36

Tgt Ion: 96 Resp: 1117163
Ion Ratio Lower Upper
96 100
61 139.3 100.2 186.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 589.466 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU044788.D

Acq: 23 Sep 2021 16:36

Tgt Ion: 95 Resp: 1405373

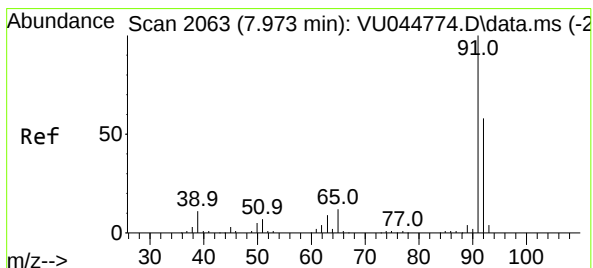
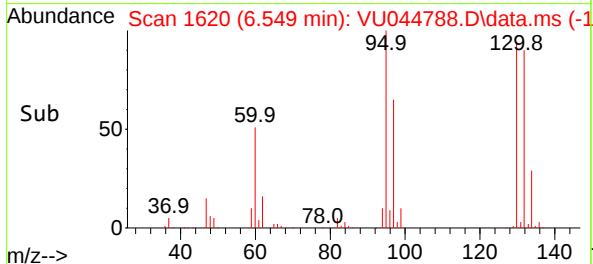
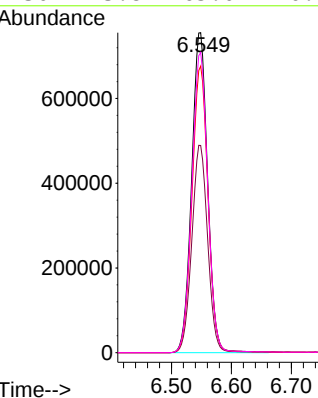
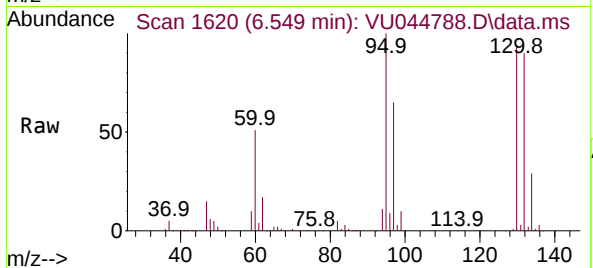
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 89.6 62.9 116.9

130 93.8 65.0 120.8



#42

Toluene

Concen: 0.601 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU044788.D

Acq: 23 Sep 2021 16:36

Tgt Ion: 91 Resp: 6057

Ion Ratio Lower Upper

91 100

92 54.9 40.5 75.1

