

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023689.D
 Acq On : 14 Jul 2022 09:36
 Operator : SY/VA
 Sample : N3698-08
 Misc : 5.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B73

Quant Time: Jul 15 01:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

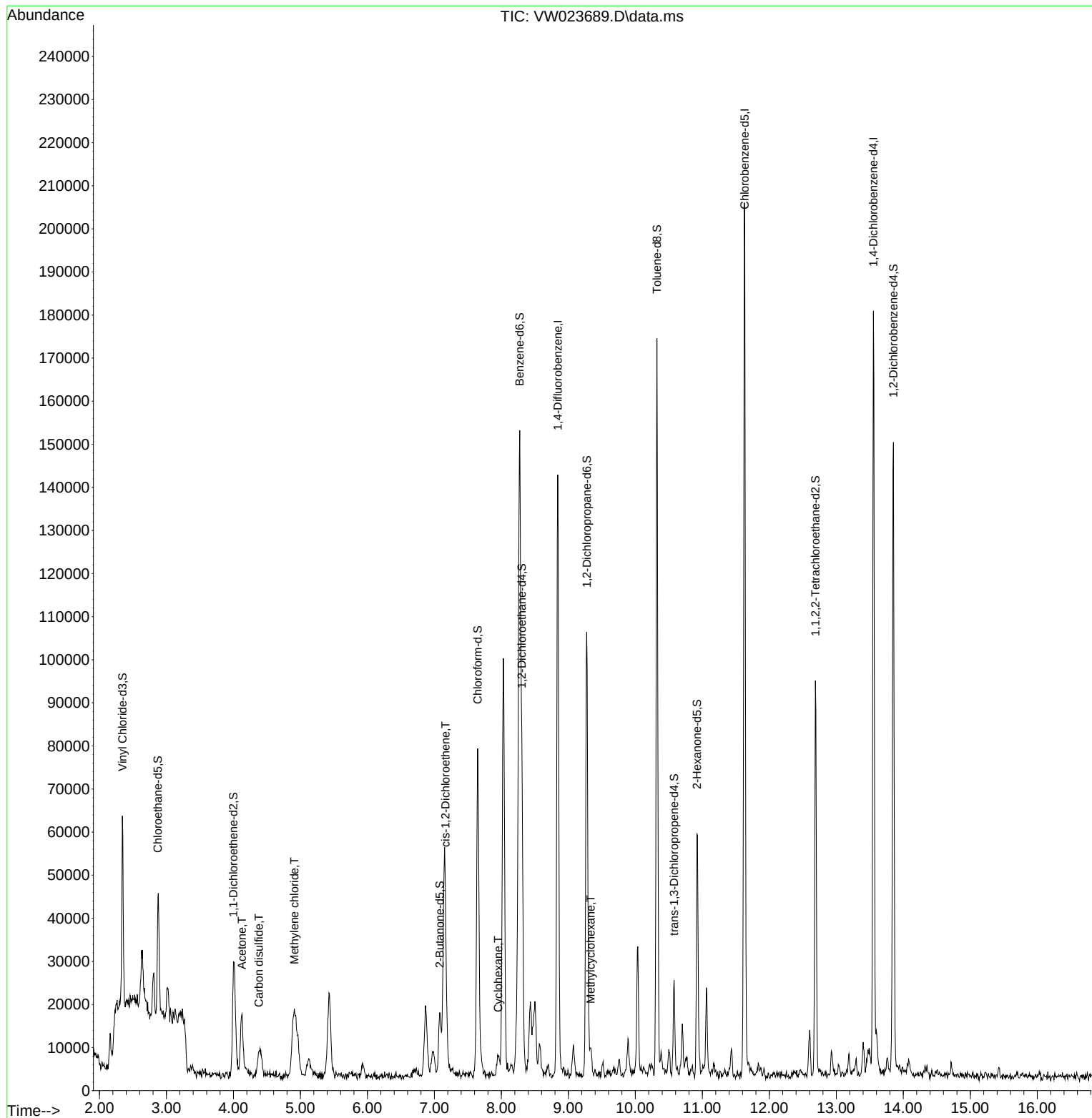
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	105266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	101856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	40346	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	37375	13.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.600%
7) Chloroethane-d5	2.873	69	30102	16.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.120%
11) 1,1-Dichloroethene-d2	4.001	63	26273	12.001	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.000%
21) 2-Butanone-d5	7.079	46	25127	60.253	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.500%
24) Chloroform-d	7.646	84	68830	22.458	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	8.305	65	47645	25.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.274	84	126941	23.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	9.274	67	42945	26.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.720%
41) Toluene-d8	10.323	98	101472	18.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.560%
43) trans-1,3-Dichloroprop...	10.579	79	10785	14.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.720%
47) 2-Hexanone-d5	10.920	63	17284	51.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40764	23.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	13.852	152	34122	23.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds					Qvalue	
13) Acetone	4.129	43	25076	85.049	ug/L	74
14) Carbon disulfide	4.379	76	8344	2.542	ug/L #	95
16) Methylene chloride	4.909	84	8117	4.931	ug/L	90
20) cis-1,2-Dichloroethene	7.165	96	6793	4.529	ug/L #	91
29) Cyclohexane	7.951	56	2109	1.132	ug/L #	62
35) Methylcyclohexane	9.335	83	1663	0.715	ug/L #	91

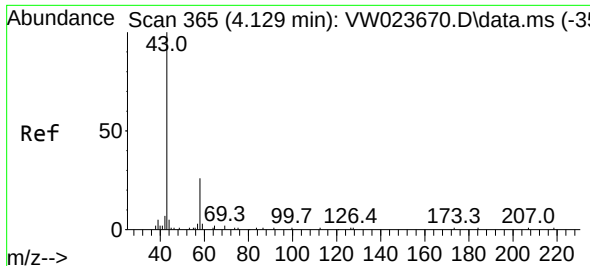
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

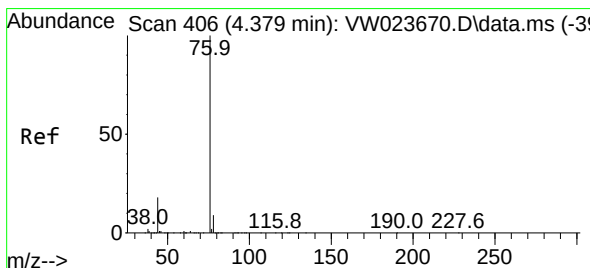
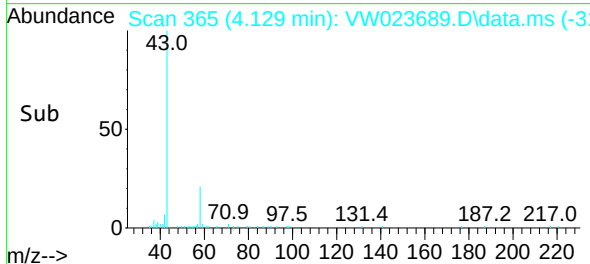
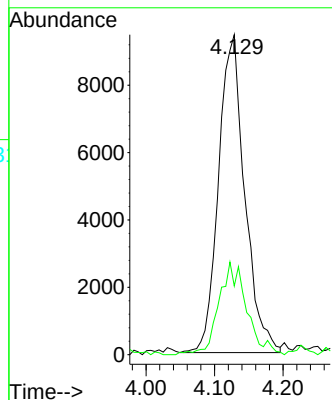
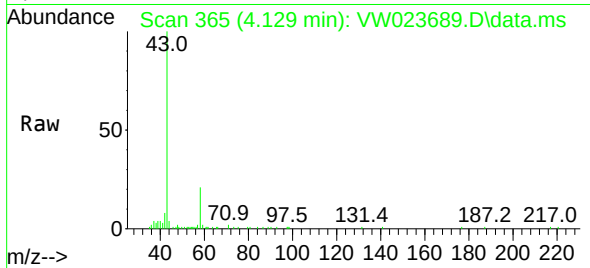




#13
Acetone
Concen: 85.049 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW023689.D
Acq: 14 Jul 2022 09:36

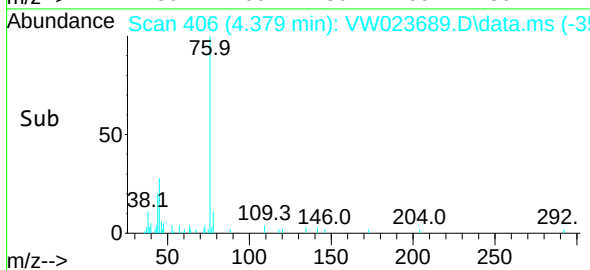
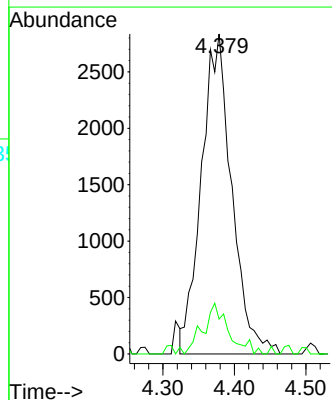
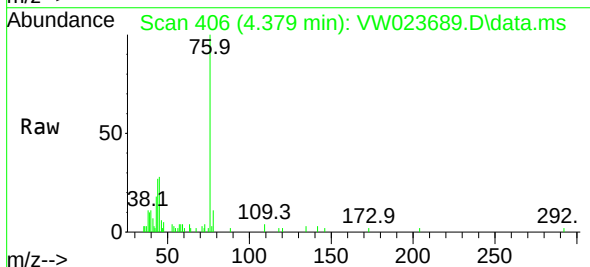
Instrument :
MSVOA_W
ClientSampleId :
F5B73

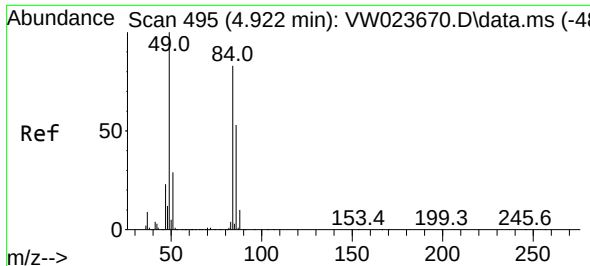
Tgt Ion: 43 Resp: 25076
Ion Ratio Lower Upper
43 100
58 17.9 0.0 64.2



#14
Carbon disulfide
Concen: 2.542 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW023689.D
Acq: 14 Jul 2022 09:36

Tgt Ion: 76 Resp: 8344
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#

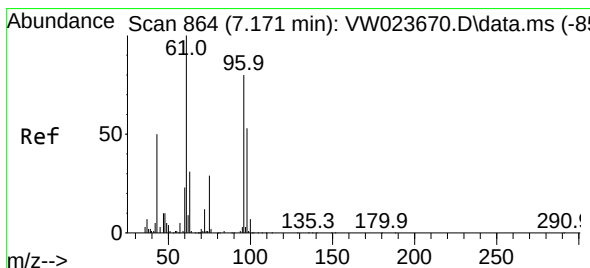
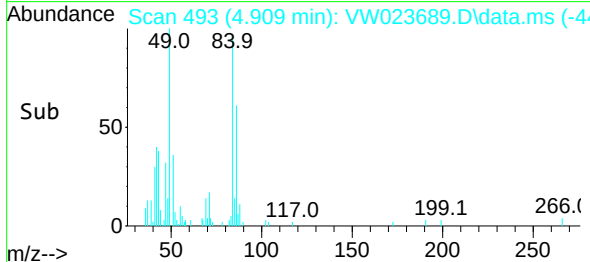
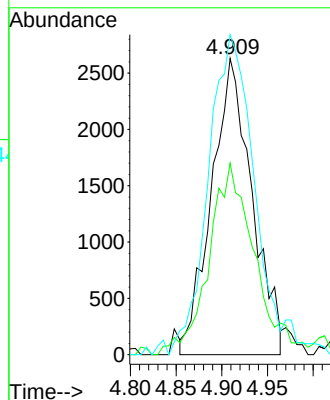
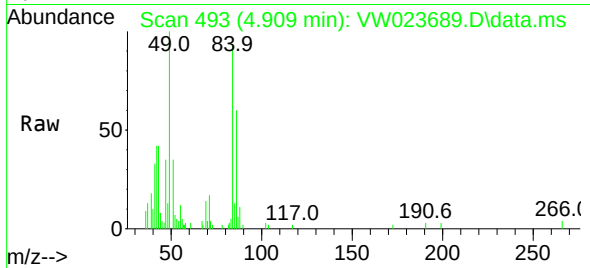




#16
Methylene chloride
Concen: 4.931 ug/L
RT: 4.909 min Scan# 495
Delta R.T. -0.013 min
Lab File: VW023689.D
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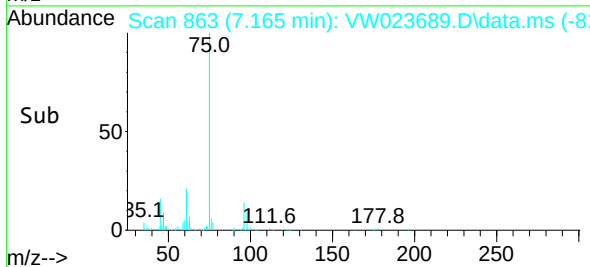
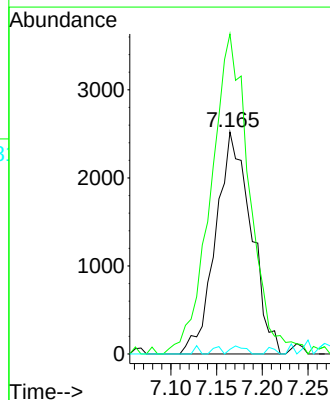
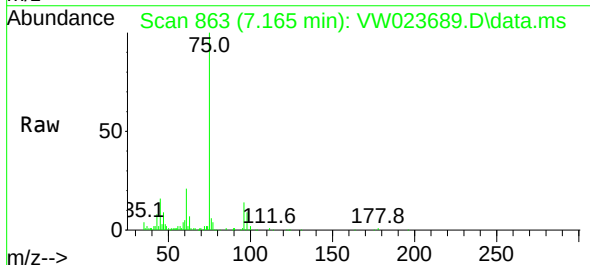
Instrument :
MSVOA_W
ClientSampleId :
F5B73

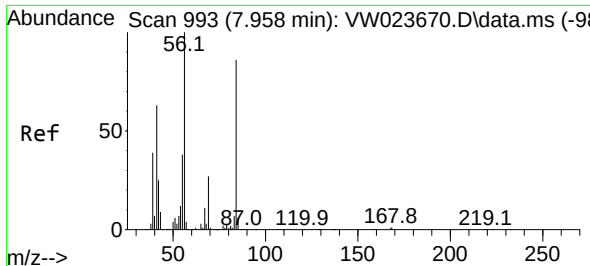
Tgt Ion:	84	Resp:	8117
Ion	Ratio	Lower	Upper
84	100		
86	64.7	42.8	79.6
49	108.1	85.4	158.6



#20
cis-1,2-Dichloroethene
Concen: 4.529 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023689.D
Acq: 14 Jul 2022 09:36

Tgt Ion:	96	Resp:	6793
Ion	Ratio	Lower	Upper
96	100		
61	139.4	90.6	168.2
68	4.9	0.2	0.4





#29

Cyclohexane

Concen: 1.132 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023689.D

Acq: 14 Jul 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

F5B73

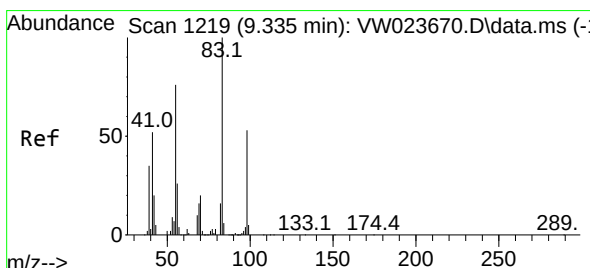
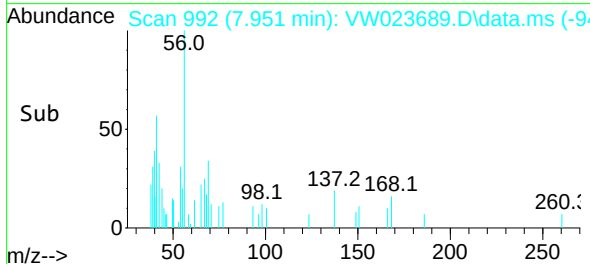
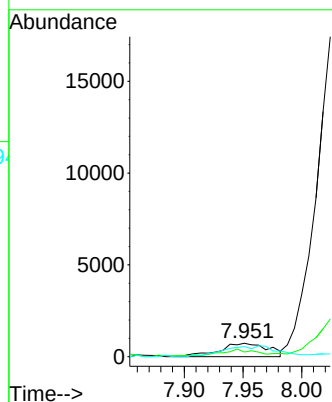
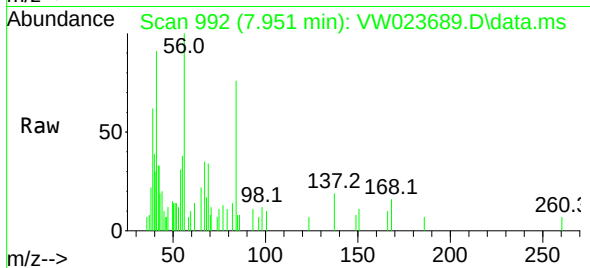
Tgt Ion: 56 Resp: 2109

Ion Ratio Lower Upper

56 100

69 21.4 25.4 38.0#

84 50.3 75.0 112.4#



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023689.D

Acq: 14 Jul 2022 09:36

Tgt Ion: 83 Resp: 1663

Ion Ratio Lower Upper

83 100

55 80.6 60.8 91.2

98 39.1 39.5 59.3#

