

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061748.D
 Acq On : 16 Nov 2024 16:36
 Operator : MD/SY
 Sample : P4804-23
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T7

Quant Time: Nov 18 00:22:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

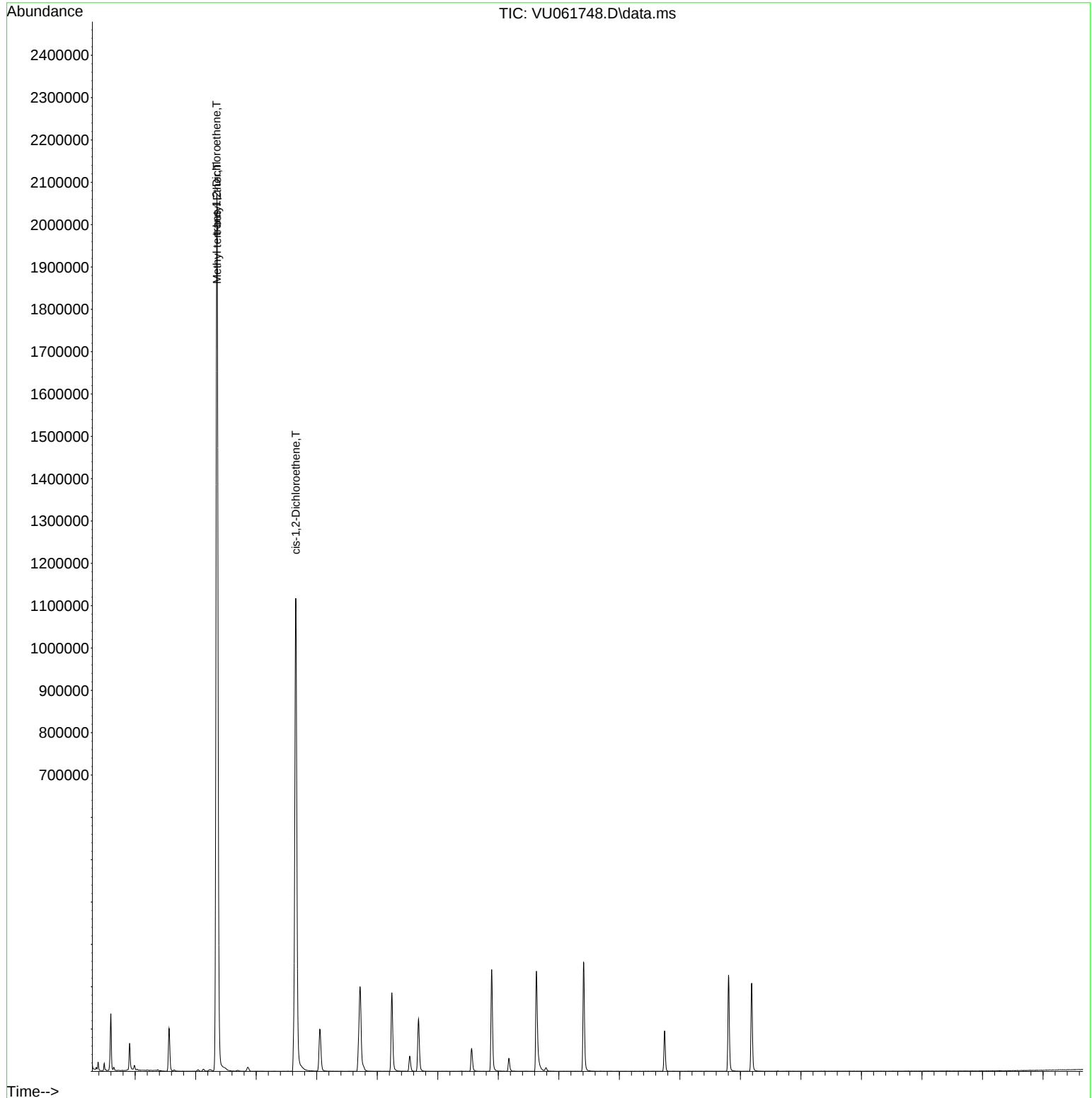
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	151759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40006	3.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.911	69	43759	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	18664	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.624	46	117275	52.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.052	84	95528	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	49797	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.717	84	197816	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	61312	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	172521	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.174	79	18504	4.057	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.627	63	89257	49.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47886	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	58573	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
5) Vinyl chloride	1.602	62	39159	3.250	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	2125498	88.712	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	125333	11.689	ug/L	98
19) 1,1-Dichloroethane	3.862	63	12016	0.615	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	607639	50.249	ug/L	99
34) Trichloroethene	6.534	95	12734	1.027	ug/L	98

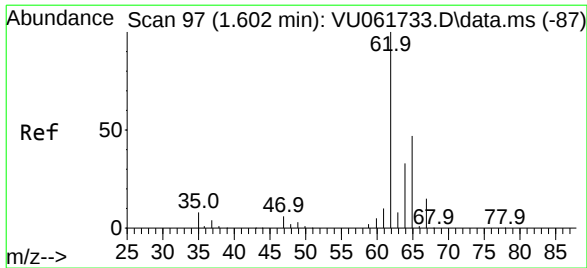
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
Response via : Initial Calibration

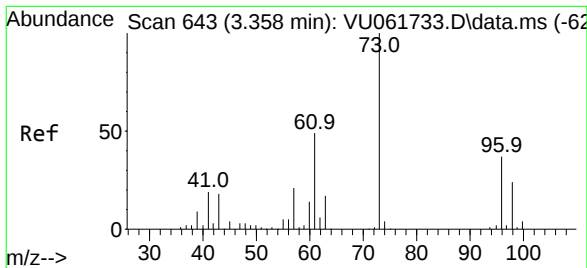
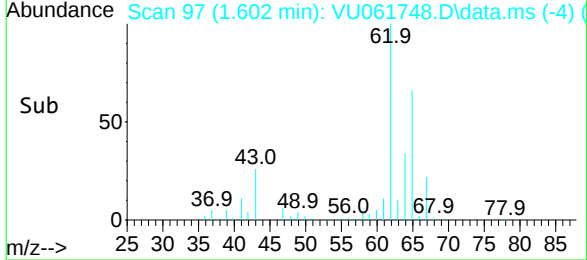
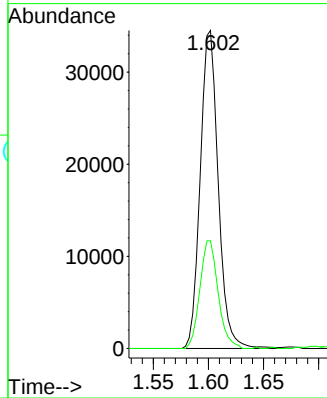
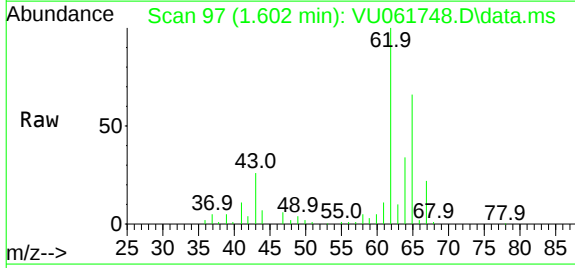




#5
 Vinyl chloride
 Concen: 3.250 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

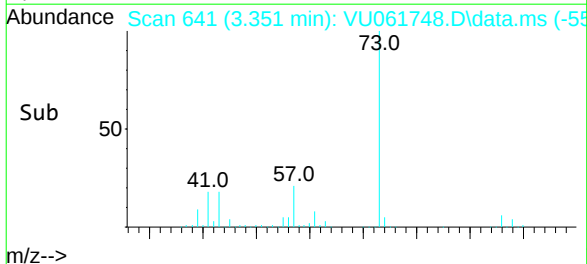
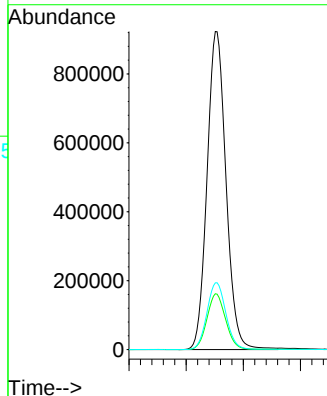
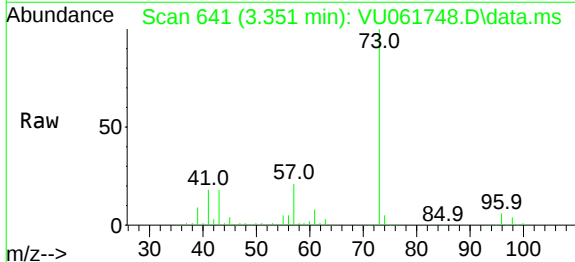
Instrument :
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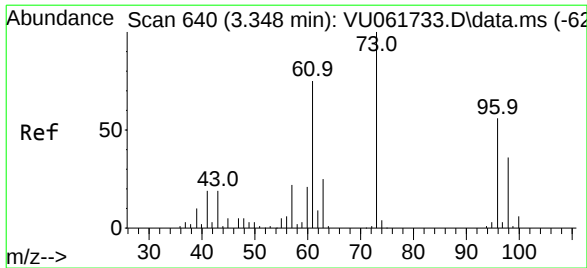
Tgt Ion: 62 Resp: 39159
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#17
 Methyl tert-butyl Ether
 Concen: 88.712 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. -0.007 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

Tgt Ion: 73 Resp: 2125498
 Ion Ratio Lower Upper
 73 100
 43 17.4 14.2 21.4
 57 21.2 16.9 25.3

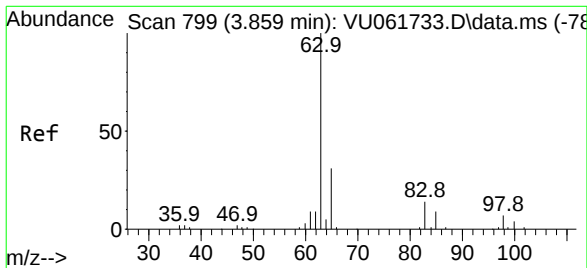
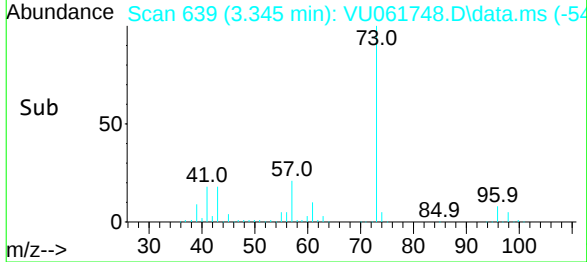
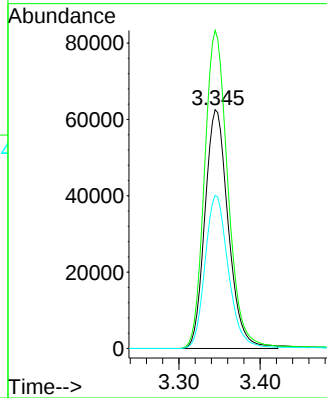
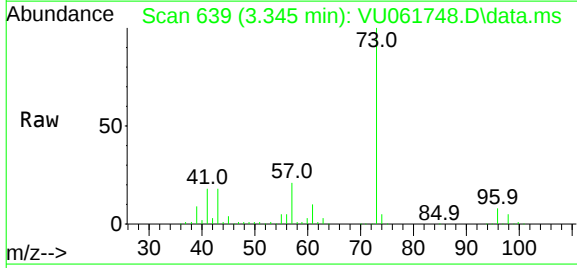




#18
trans-1,2-Dichloroethene
Concen: 11.689 ug/L
RT: 3.345 min Scan# 63
Delta R.T. -0.003 min
Lab File: VU061748.D
Acq: 16 Nov 2024 16:36

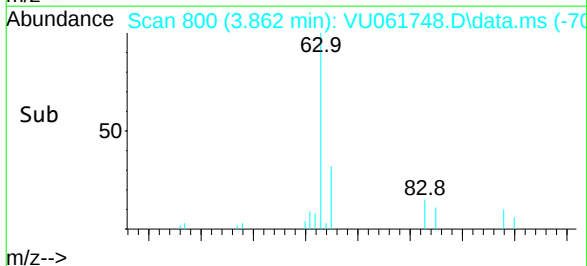
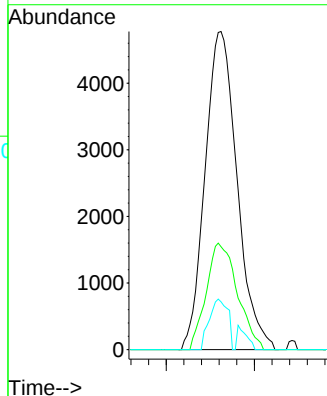
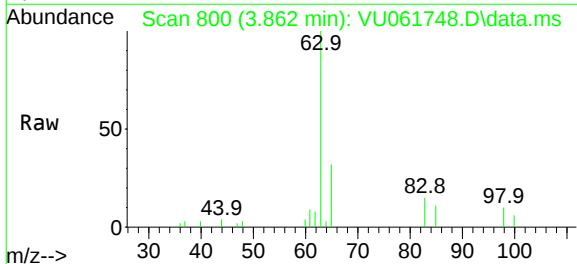
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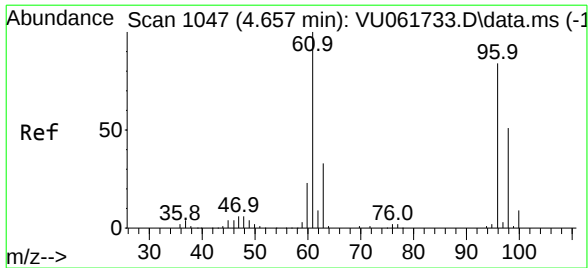
Tgt Ion: 96 Resp: 125333
Ion Ratio Lower Upper
96 100
61 133.2 94.1 174.8
98 64.1 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.615 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061748.D
Acq: 16 Nov 2024 16:36

Tgt Ion: 63 Resp: 12016
Ion Ratio Lower Upper
63 100
65 32.3 23.4 43.4
83 15.0 9.6 17.8

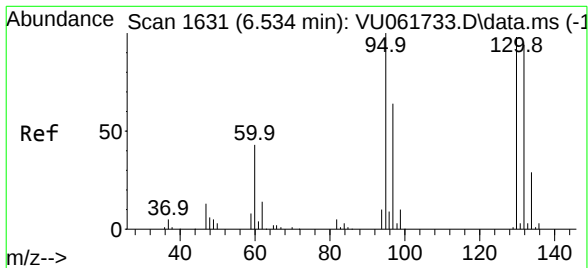
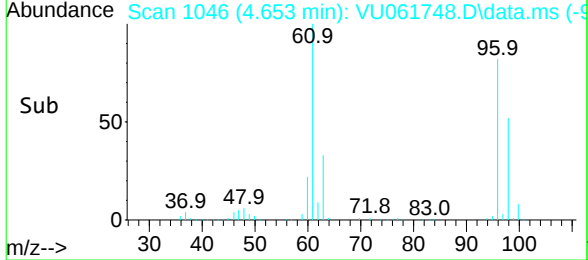
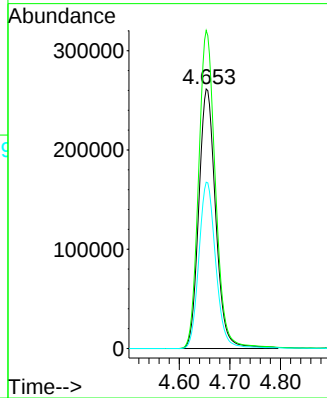
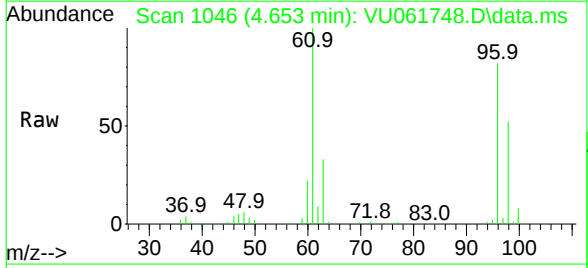




#22
 cis-1,2-Dichloroethene
 Concen: 50.249 ug/L
 RT: 4.653 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	96	Resp:	607639
Ion	Ratio	Lower	Upper
96	100		
61	122.6	85.6	159.0
98	64.1	45.6	84.8



#34
 Trichloroethene
 Concen: 1.027 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061748.D
 Acq: 16 Nov 2024 16:36

Tgt Ion:	95	Resp:	12734
Ion	Ratio	Lower	Upper
95	100		
97	61.3	43.5	80.9
132	91.1	65.2	121.0
130	94.8	67.5	125.3

