

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045822.D
 Acq On : 16 Nov 2021 21:14
 Operator : SY/MD
 Sample : M4686-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG213

Quant Time: Nov 17 06:23:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

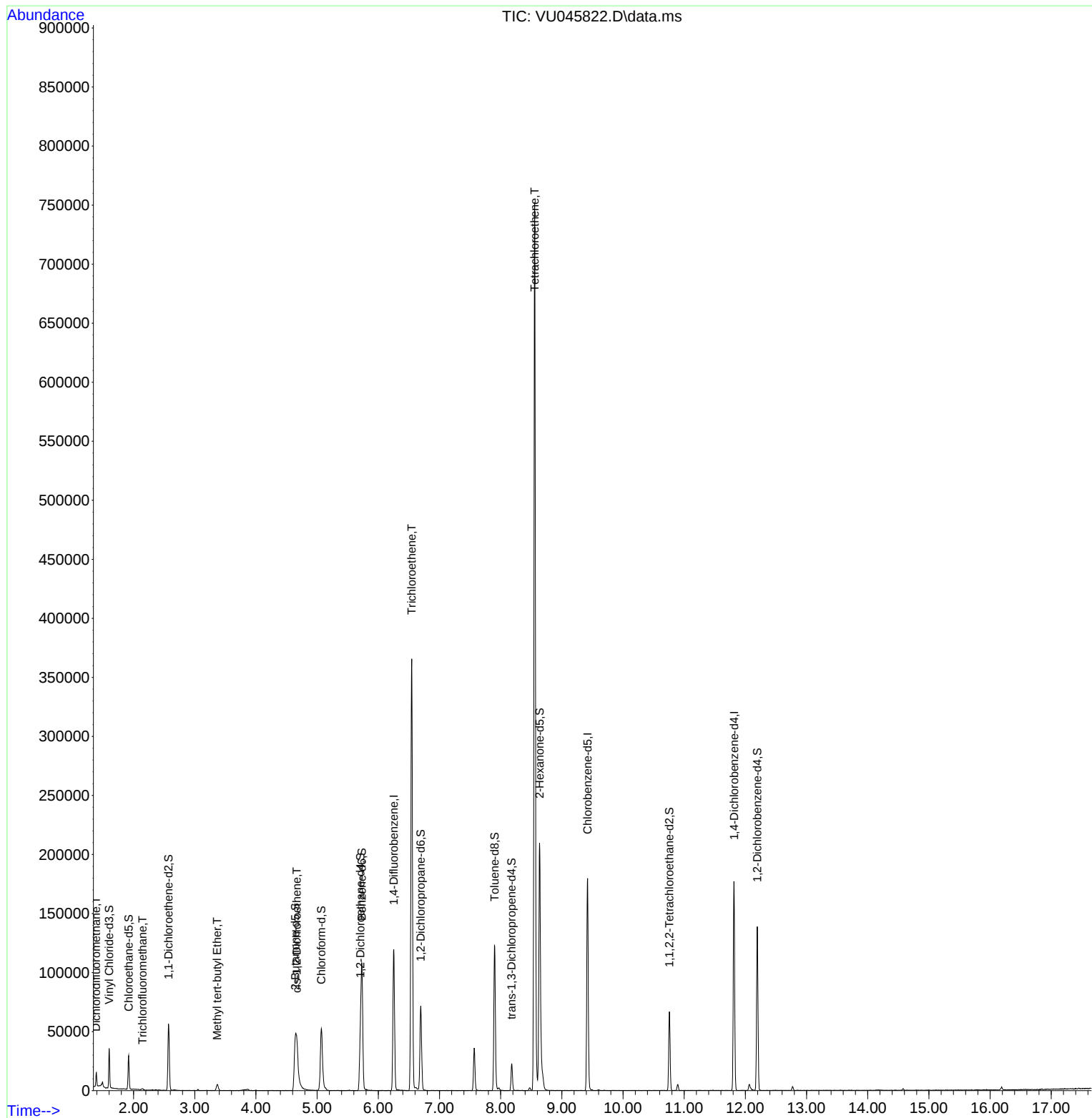
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94611	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	45687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23469	3.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.919	69	20572	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.572	65	10497	3.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.645	46	106628	53.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	5.070	84	47567	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.706	65	31041	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.732	84	100997	3.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.694	67	34323	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.899	98	84876	3.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.179	79	13190	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.636	63	76293	47.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32402	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35151	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2691	0.349	ug/L	93
9) Trichlorofluoromethane	2.144	101	554	0.052	ug/L	86
17) Methyl tert-butyl Ether	3.366	73	5962	0.391	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	8169	1.200	ug/L	98
34) Trichloroethene	6.546	95	124007	17.141	ug/L	99
47) Tetrachloroethene	8.555	164	161698	31.928	ug/L	97

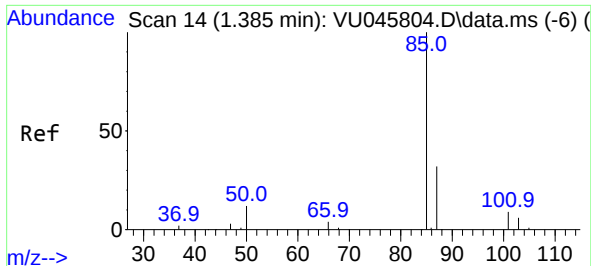
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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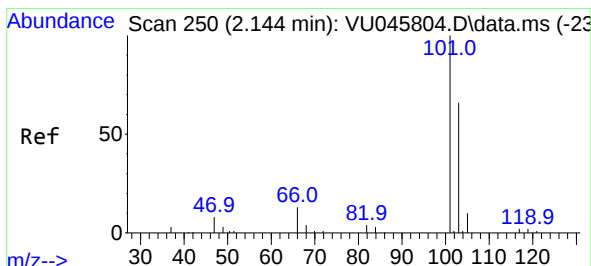
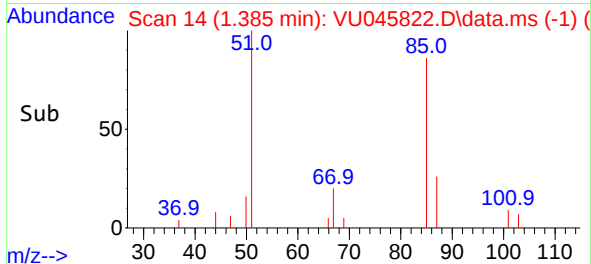
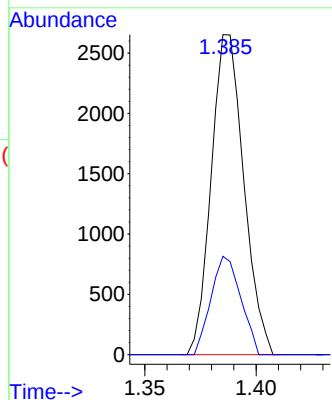
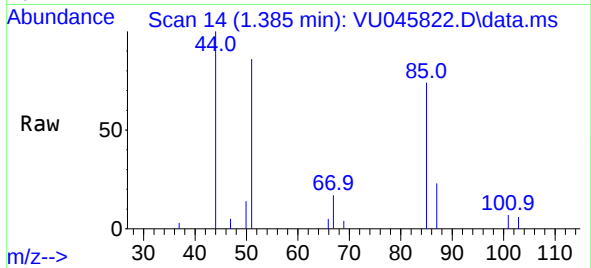




#2
Dichlorodifluoromethane
Concen: 0.349 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

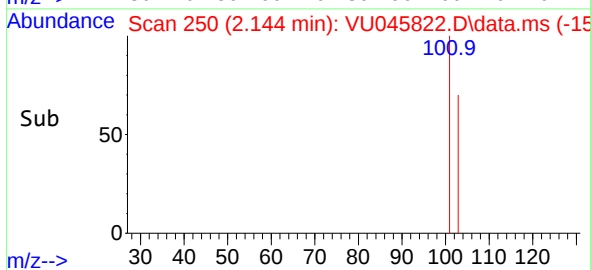
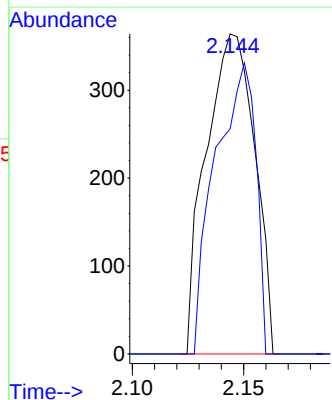
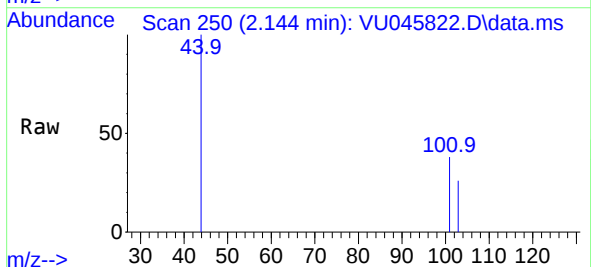
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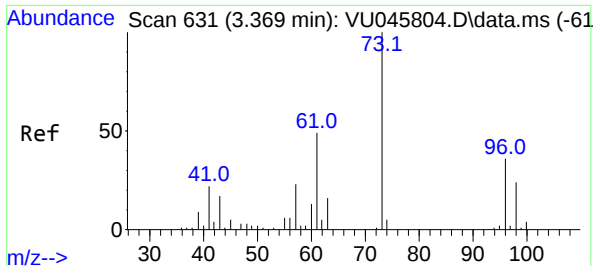
Tgt Ion: 85 Resp: 2691
Ion Ratio Lower Upper
85 100
87 28.1 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.052 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

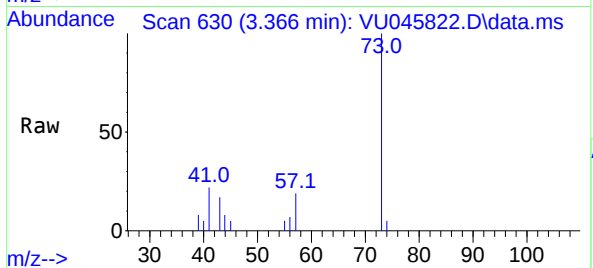
Tgt Ion:101 Resp: 554
Ion Ratio Lower Upper
101 100
103 75.3 51.5 77.3





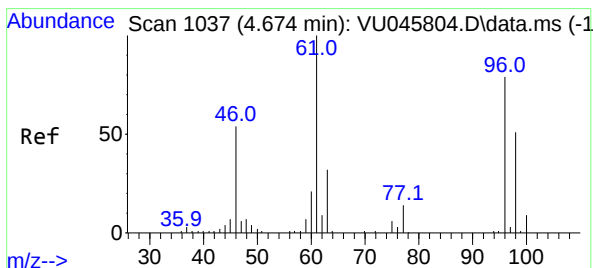
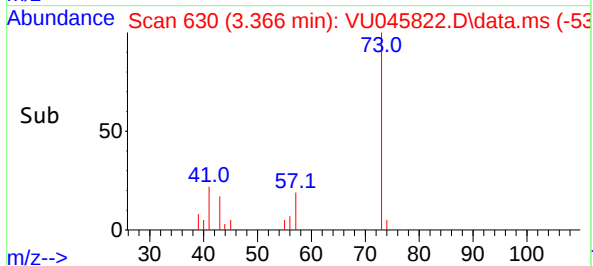
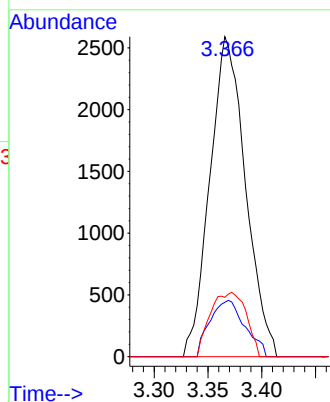
#17
Methyl tert-butyl Ether
Concen: 0.391 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

Instrument :
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Tgt Ion: 73 Resp: 5962

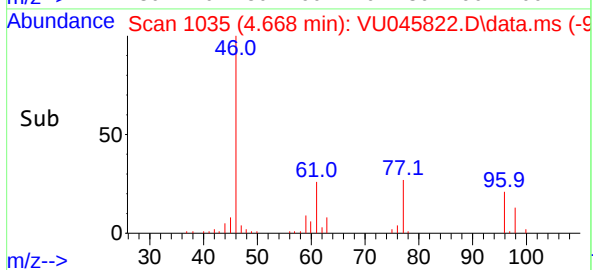
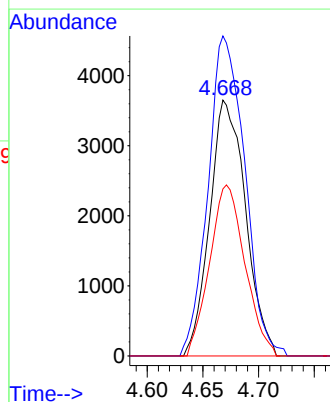
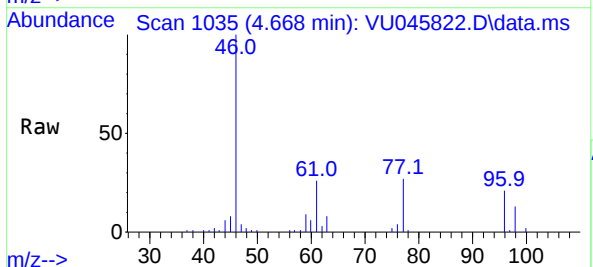
Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.8	22.2
57	20.2	17.4	26.0

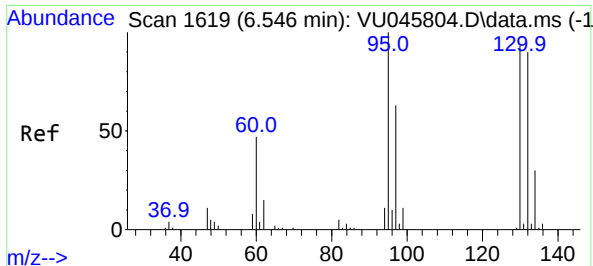


#22
cis-1,2-Dichloroethene
Concen: 1.200 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

Tgt Ion: 96 Resp: 8169

Ion	Ratio	Lower	Upper
96	100		
61	125.1	88.5	164.3
98	65.3	44.4	82.5



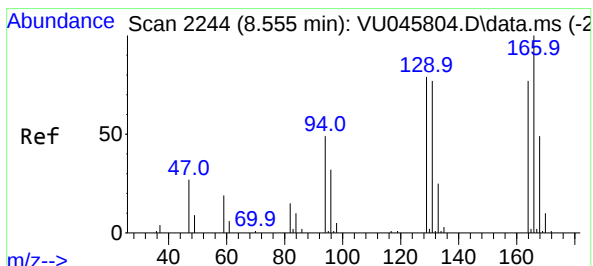
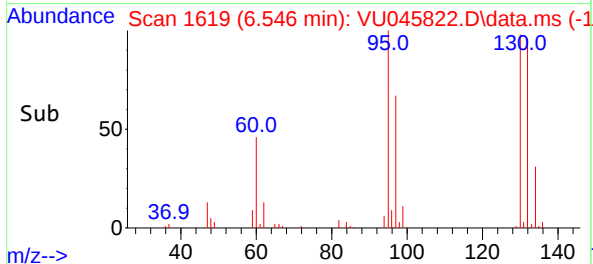
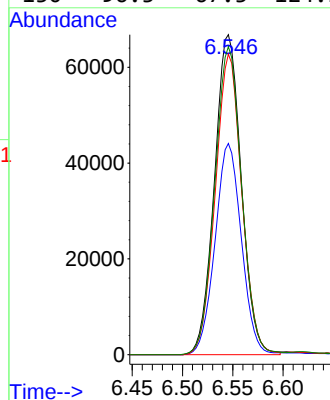
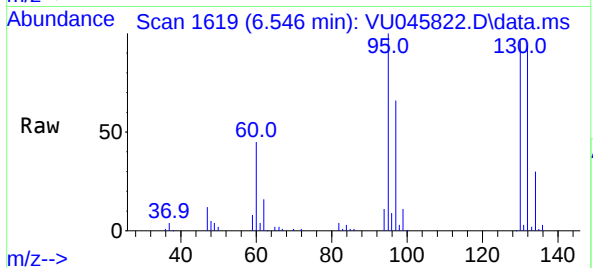


#34
Trichloroethene
Concen: 17.141 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

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Tgt Ion: 95 Resp: 124007

Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.5	86.5
132	93.9	65.1	120.9
130	96.3	67.3	124.9



#47
Tetrachloroethene
Concen: 31.928 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

Tgt Ion:164 Resp: 161698

Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.8	133.4
131	97.1	68.5	127.3
166	129.3	94.1	174.8

