

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023334.D
 Acq On : 10 Nov 2021 15:42
 Operator : SY/MD
 Sample : M4558-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB867

Quant Time: Nov 11 00:43:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

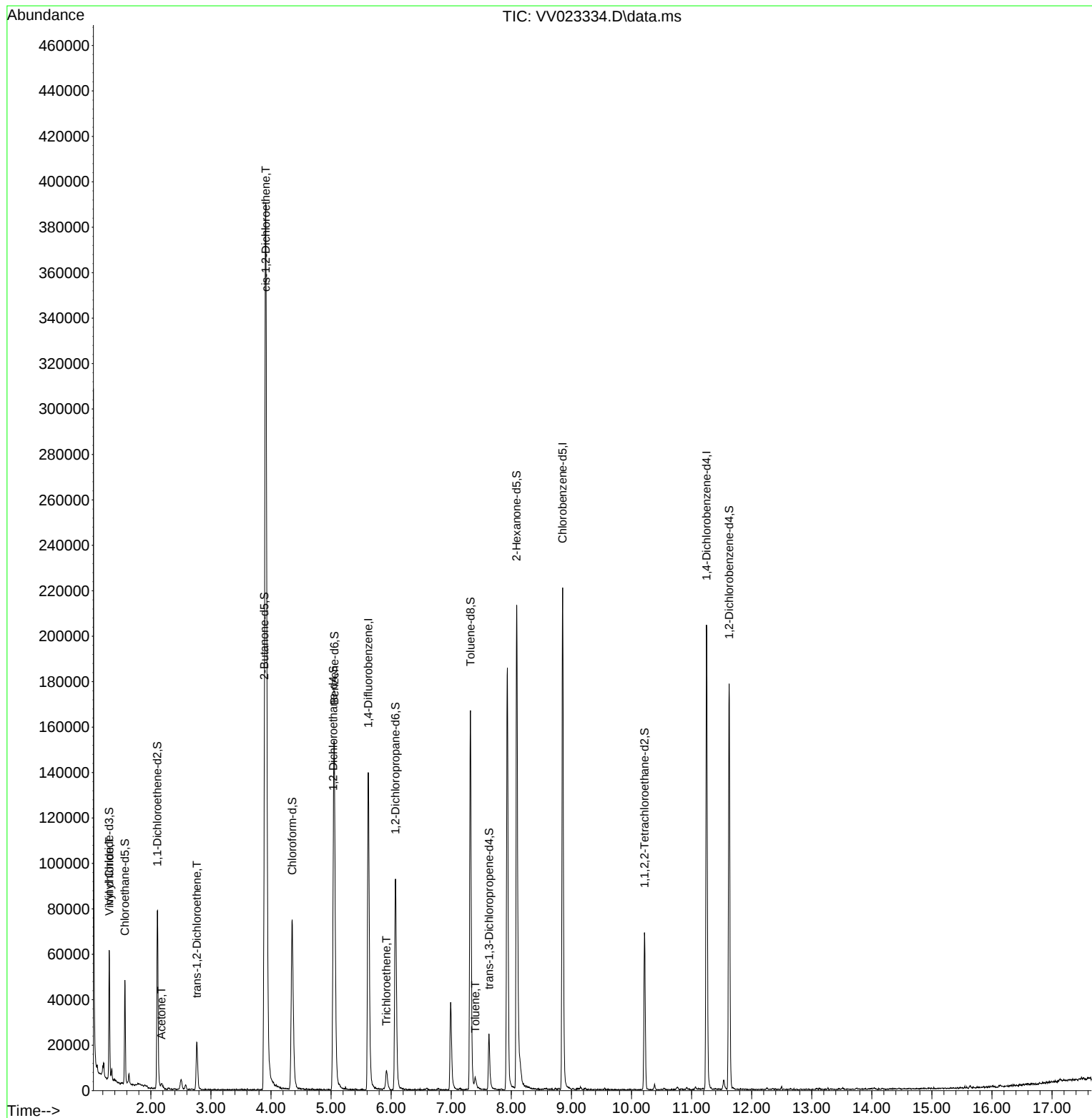
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26991	3.467	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.568	69	26483	4.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.108	63	41402	2.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	3.889	46	95388	71.117	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.240%#	
24) Chloroform-d	4.352	84	73925	4.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.037	65	37901	5.080	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.053	84	138601	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.072	67	45960	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.320	98	111391	3.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	7.628	79	14555	4.072	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.088	63	71158	54.104	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32472	4.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47784	5.175	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
5) Vinyl chloride	1.310	62	8893	0.864	ug/L	91
13) Acetone	2.175	43	3058	3.731	ug/L	95
18) trans-1,2-Dichloroethene	2.767	96	8240	0.904	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	211577	24.132	ug/L #	90
34) Trichloroethene	5.921	95	2752	0.297	ug/L	91
42) Toluene	7.400	91	4209	0.113	ug/L	89

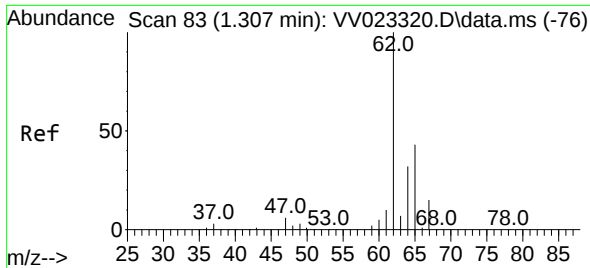
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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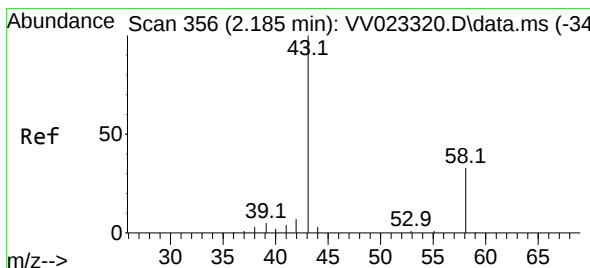
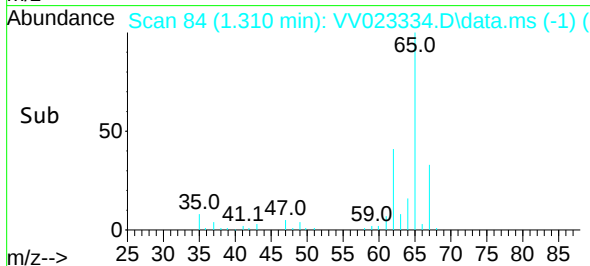
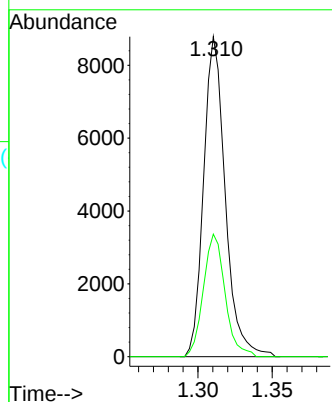
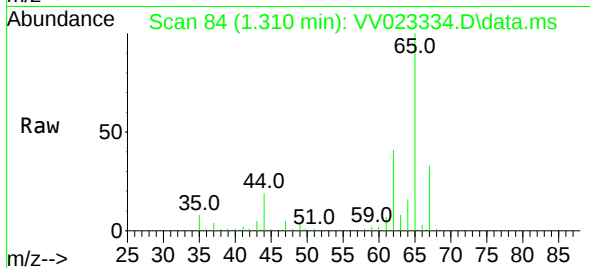




#5
 Vinyl chloride
 Concen: 0.864 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023334.D
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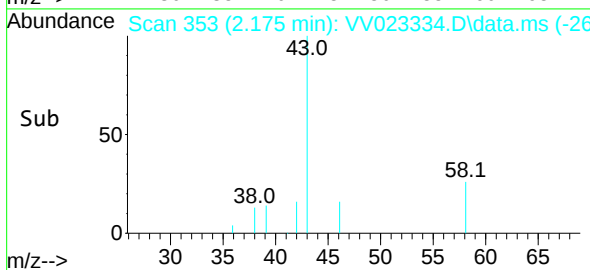
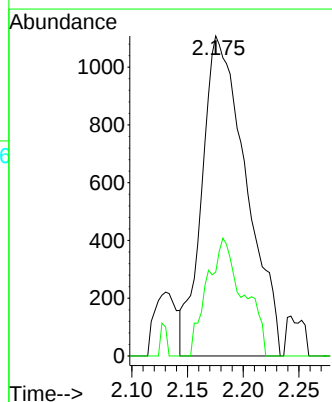
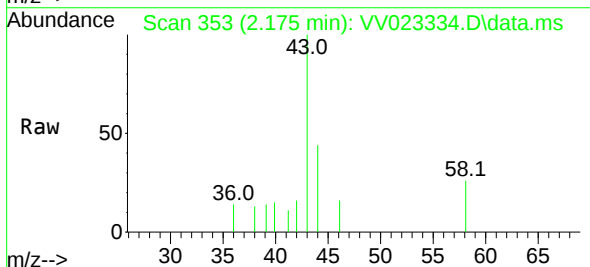
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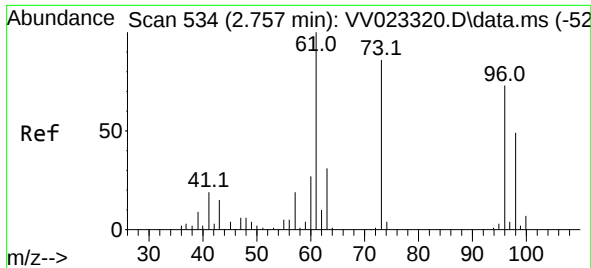
Tgt Ion: 62 Resp: 8893
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.1 42.9



#13
 Acetone
 Concen: 3.731 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.010 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

Tgt Ion: 43 Resp: 3058
 Ion Ratio Lower Upper
 43 100
 58 30.1 0.0 55.4

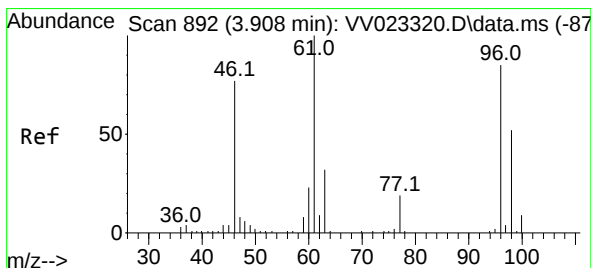
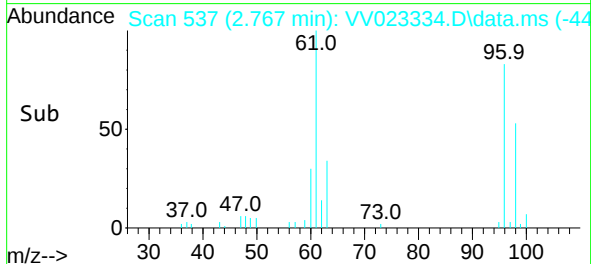
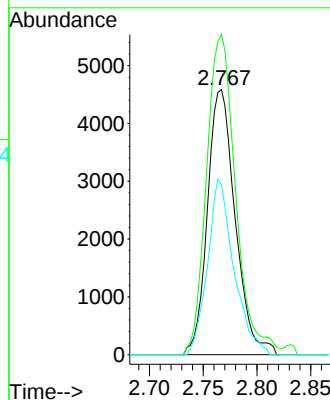
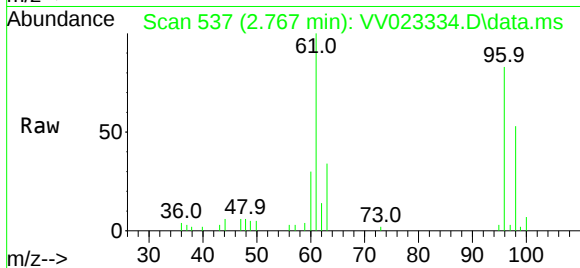




#18
trans-1,2-Dichloroethene
Concen: 0.904 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

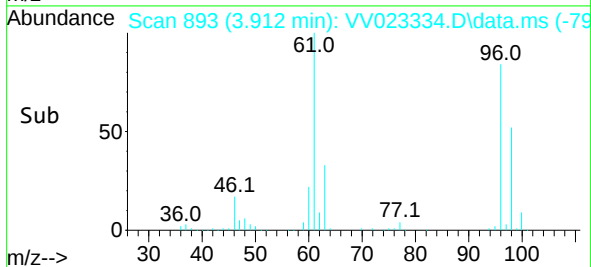
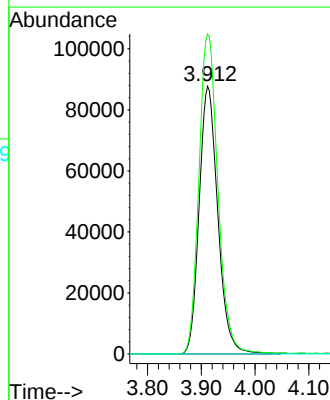
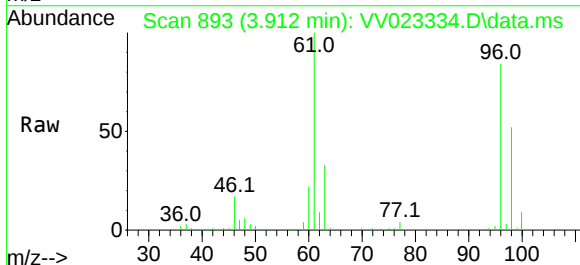
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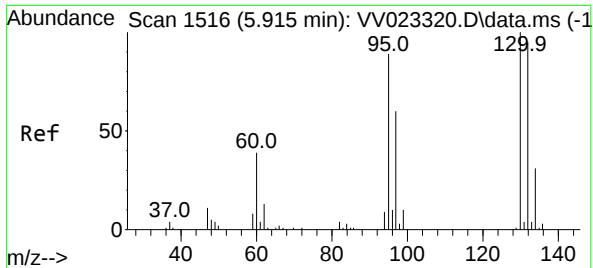
Tgt Ion: 96 Resp: 8240
Ion Ratio Lower Upper
96 100
61 120.7 93.2 173.2
98 64.2 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 24.132 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

Tgt Ion: 96 Resp: 211577
Ion Ratio Lower Upper
96 100
61 119.5 92.3 171.3
68 0.0 0.4 0.8



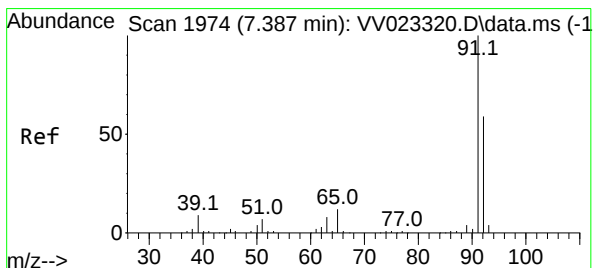
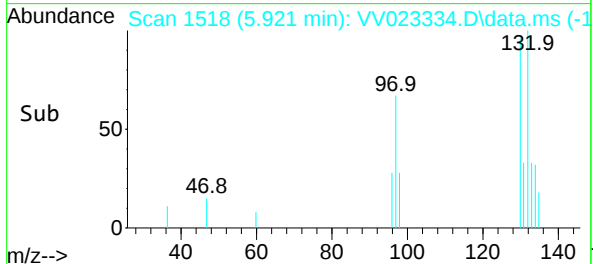
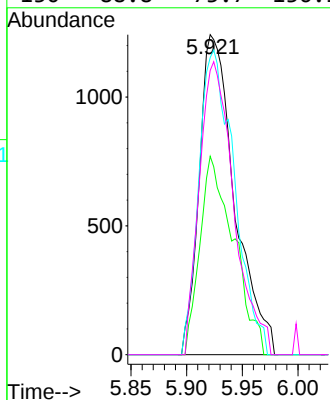
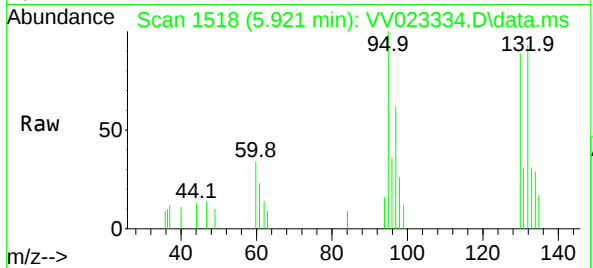


#34
 Trichloroethene
 Concen: 0.297 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

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Tgt Ion: 95 Resp: 2752

Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.0	83.6
132	92.8	69.7	129.4
130	88.8	73.7	136.9



#42
 Toluene
 Concen: 0.113 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.013 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

Tgt Ion: 91 Resp: 4209

Ion	Ratio	Lower	Upper
91	100		
92	47.8	39.3	72.9

