

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050960.D
 Acq On : 27 Sep 2022 16:32
 Operator : JC/MD
 Sample : N4854-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J18

Quant Time: Sep 28 02:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

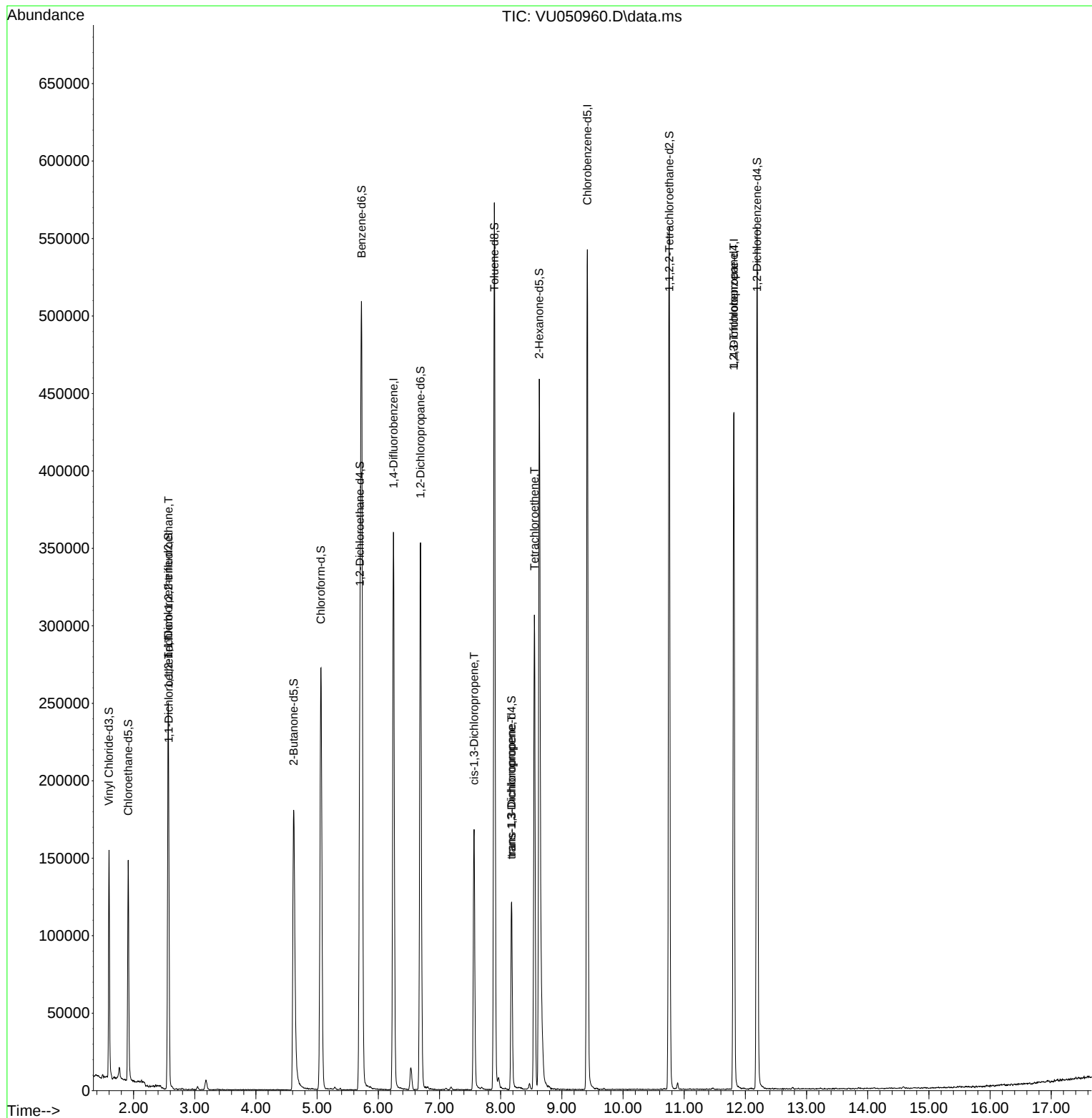
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280000	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	304122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107526	37.065	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	74.140%	
7) Chloroethane-d5	1.912	69	103342	50.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.040%	
11) 1,1-Dichloroethene-d2	2.568	63	143669	31.828	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.660%	
21) 2-Butanone-d5	4.616	46	248044	132.440	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	132.440%#	
24) Chloroform-d	5.060	84	254383	55.955	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	111.900%	
26) 1,2-Dichloroethane-d4	5.700	65	168327	60.080	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	120.160%	
32) Benzene-d6	5.726	84	470506	46.970	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.940%	
36) 1,2-Dichloropropane-d6	6.690	67	172802	51.106	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.220%	
41) Toluene-d8	7.896	98	381590	43.579	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.160%	
43) trans-1,3-Dichloroprop...	8.179	79	69073	46.959	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.920%	
47) 2-Hexanone-d5	8.629	63	133679	95.937	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.940%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	285496	55.382	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	110.760%	
66) 1,2-Dichlorobenzene-d4	12.192	152	145002	58.118	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.240%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1426	0.622	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	1061	0.493	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4040	0.986	ug/L #	60
44) trans-1,3-Dichloropropene	8.176	75	2968	0.761	ug/L	87
46) Tetrachloroethene	8.552	164	66987	35.855	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	14900	4.445	ug/L #	66

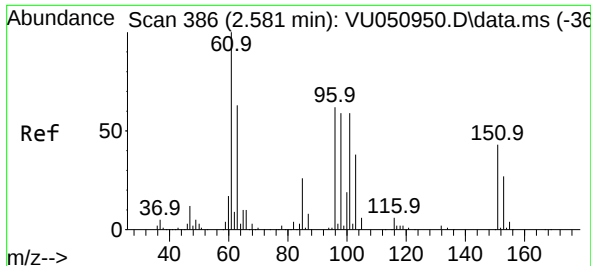
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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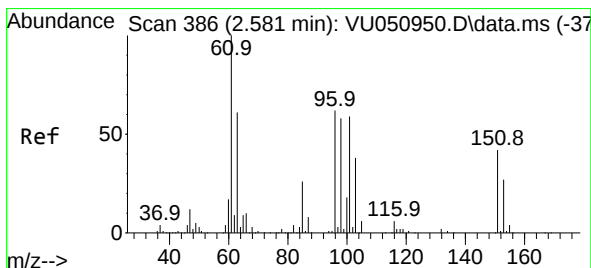
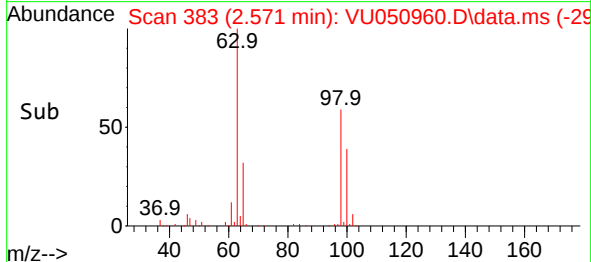
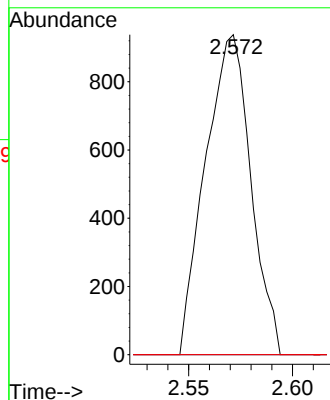
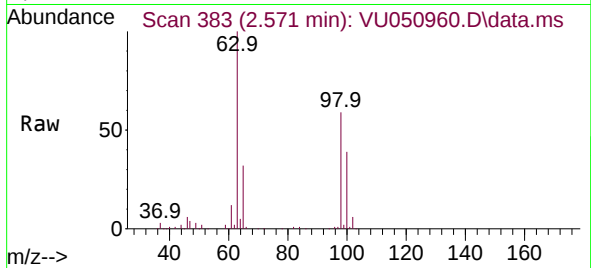




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.622 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU050960.D
Acq: 27 Sep 2022 16:32

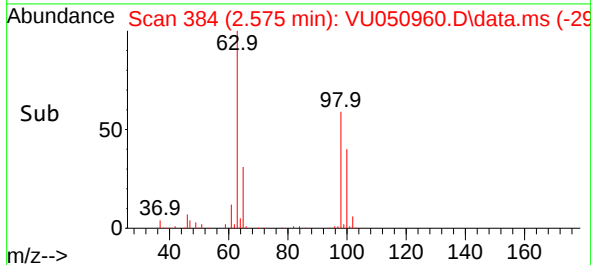
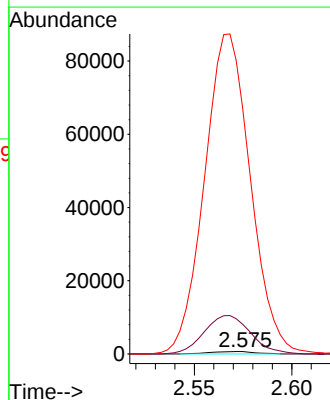
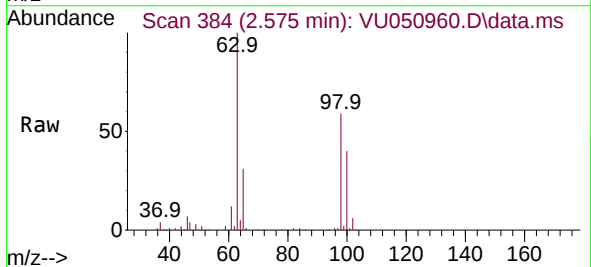
Instrument :
MSVOA_U
ClientSampleId :
F5J18

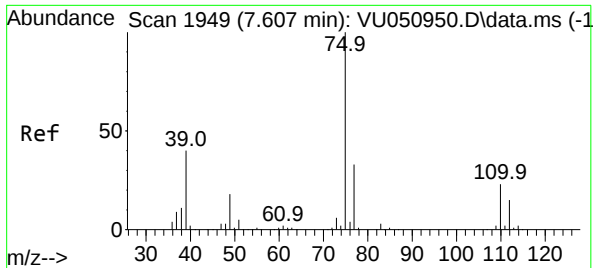
Tgt Ion:101 Resp: 1426
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.493 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU050960.D
Acq: 27 Sep 2022 16:32

Tgt Ion: 96 Resp: 1061
Ion Ratio Lower Upper
96 100
61 1265.2 118.6 220.2#
63 10465.9 90.4 168.0#





#39

cis-1,3-Dichloropropene

Concen: 0.986 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050960.D

Acq: 27 Sep 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

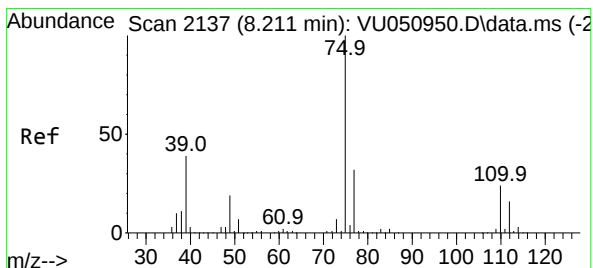
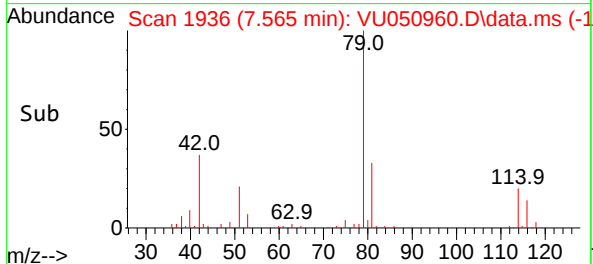
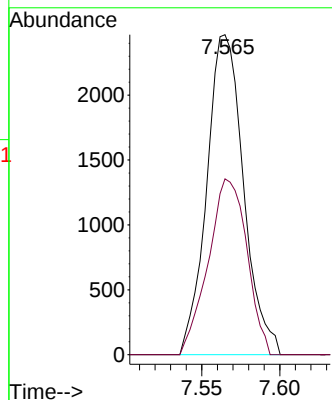
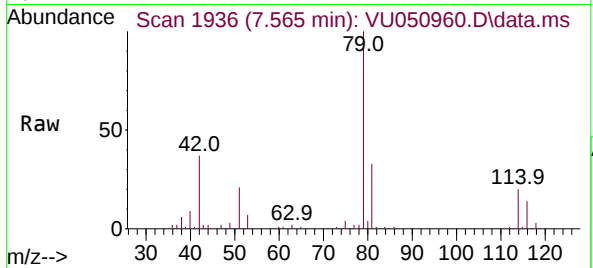
F5J18

Tgt Ion: 75 Resp: 4040

Ion Ratio Lower Upper

75 100

77 54.9 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.761 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050960.D

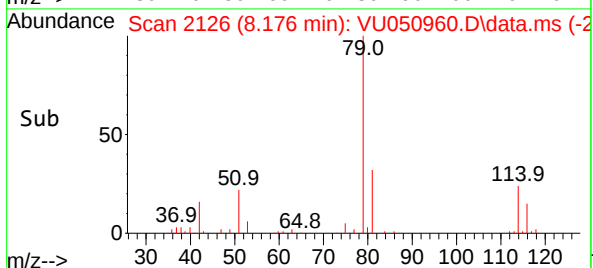
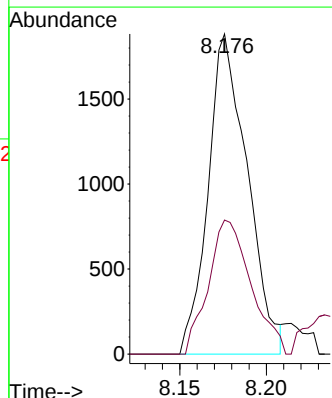
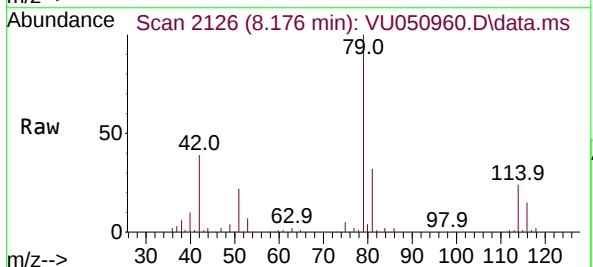
Acq: 27 Sep 2022 16:32

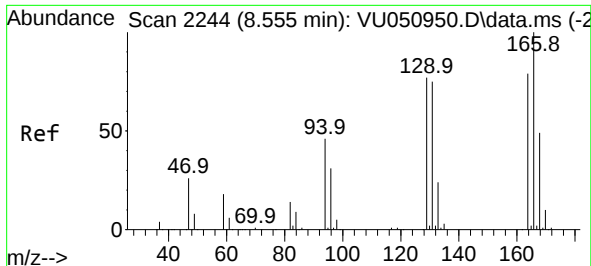
Tgt Ion: 75 Resp: 2968

Ion Ratio Lower Upper

75 100

77 38.3 21.9 40.7



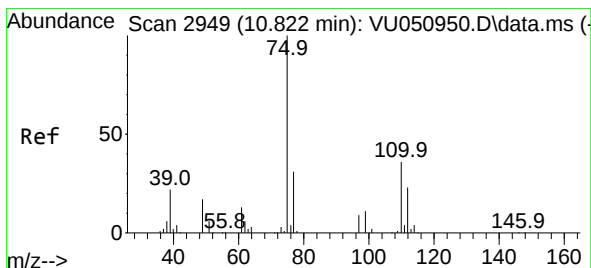
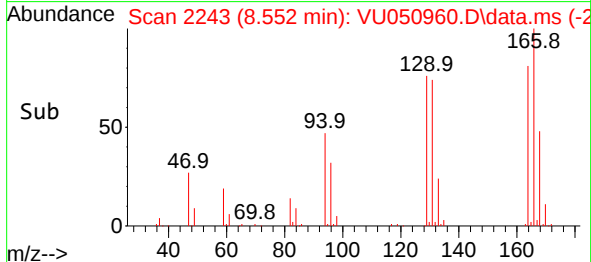
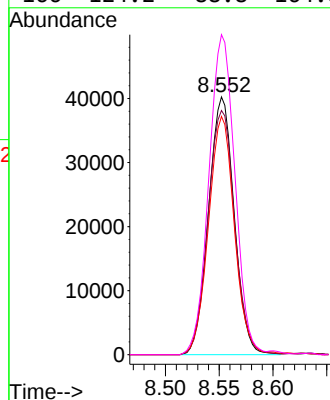
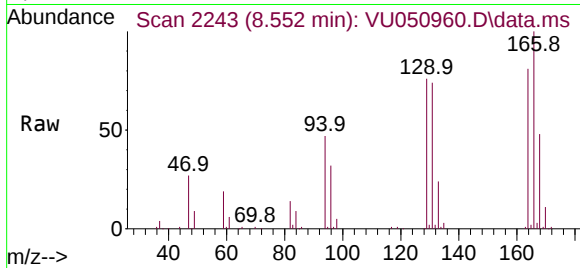


#46
Tetrachloroethene
Concen: 35.855 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050960.D
Acq: 27 Sep 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
F5J18

Tgt Ion:164 Resp: 66987

Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.5	127.3
131	92.4	66.1	122.7
166	124.2	88.8	164.8



#60
1,2,3-Trichloropropane
Concen: 4.445 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050960.D
Acq: 27 Sep 2022 16:32

Tgt Ion: 75 Resp: 14900

Ion	Ratio	Lower	Upper
75	100		
77	28.9	26.2	39.4
110	0.9	28.6	43.0

