

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046351.D
 Acq On : 14 Dec 2021 13:28
 Operator : SY/MD
 Sample : M5002-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY9

Quant Time: Dec 15 01:42:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

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

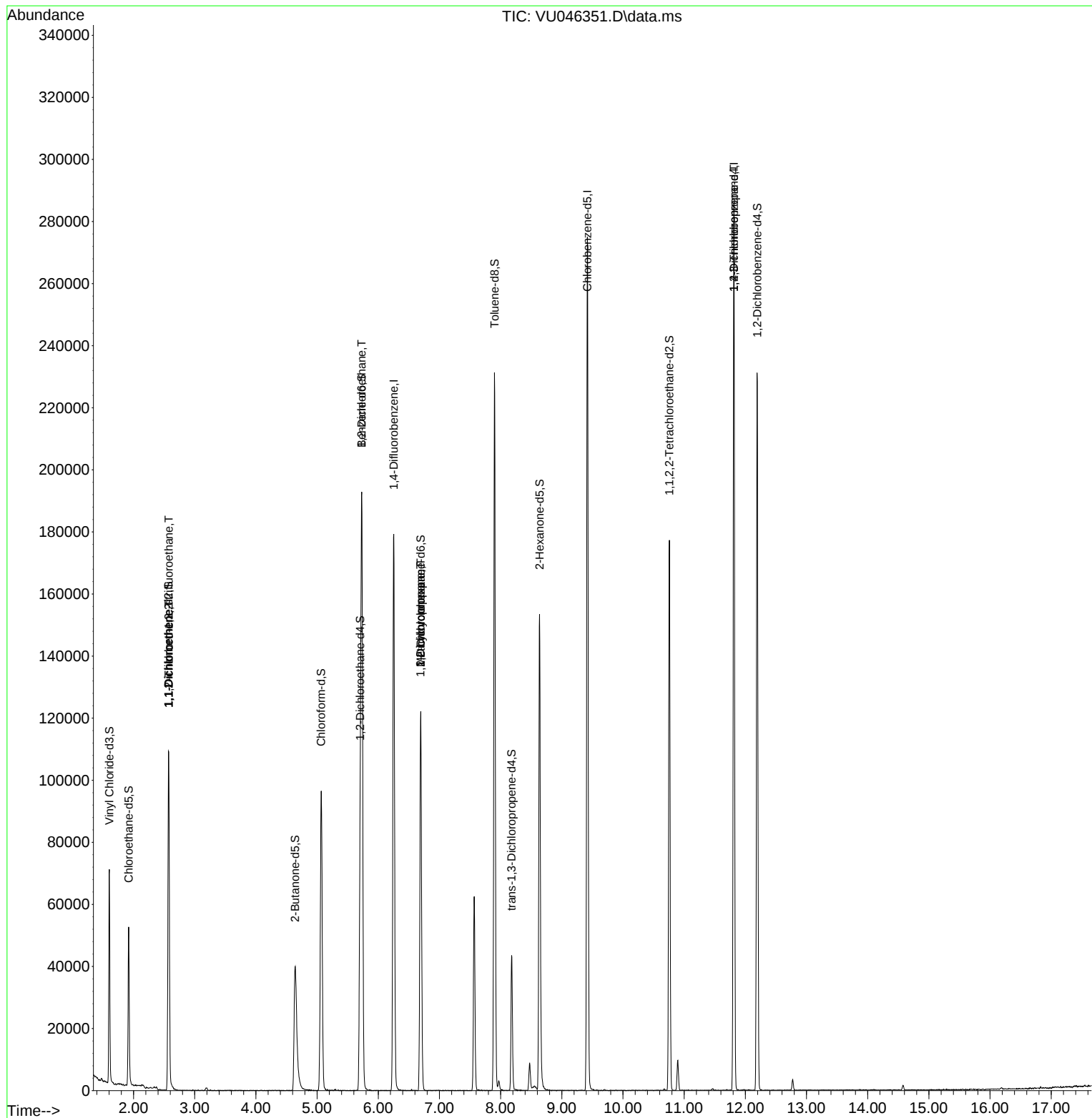
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	151220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	72153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50631	42.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.680%		
7) Chloroethane-d5	1.919	69	38768	42.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.460%		
11) 1,1-Dichloroethene-d2	2.572	63	66304	30.887	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.780%		
21) 2-Butanone-d5	4.643	46	77519	81.548	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.550%		
24) Chloroform-d	5.067	84	92170	46.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.320%		
26) 1,2-Dichloroethane-d4	5.704	65	61661	46.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
32) Benzene-d6	5.729	84	178144	41.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.200%		
36) 1,2-Dichloropropane-d6	6.694	67	56096	41.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.520%		
41) Toluene-d8	7.900	98	151171	38.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.620%#		
43) trans-1,3-Dichloroprop...	8.179	79	25166	38.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.620%		
47) 2-Hexanone-d5	8.636	63	56143	88.152	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.150%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85190	41.819	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	59436	42.774	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	541	0.512	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	495	0.493	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	947	0.595	ug/L #	73
35) Methylcyclohexane	6.694	83	14094	7.539	ug/L #	20
37) 1,2-Dichloropropane	6.691	63	6365	5.309	ug/L #	86
60) 1,2,3-Trichloropropane	11.813	75	8831	5.583	ug/L #	66

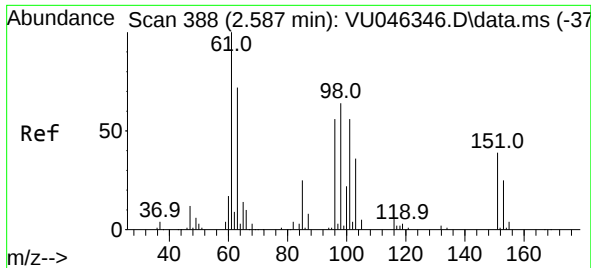
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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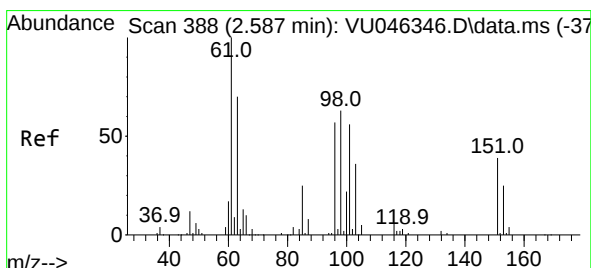
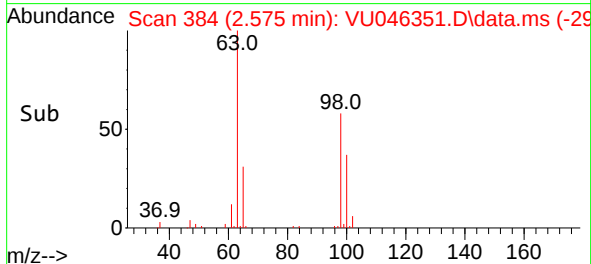
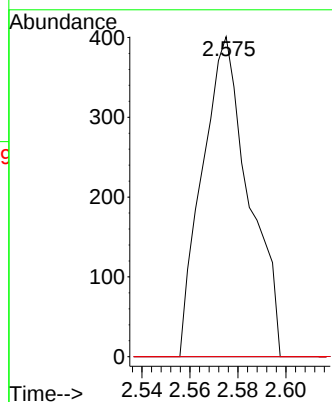
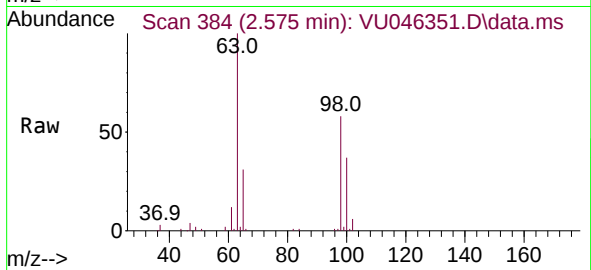




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.512 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.012 min
Lab File: VU046351.D
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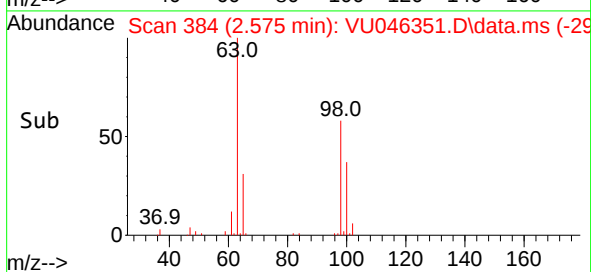
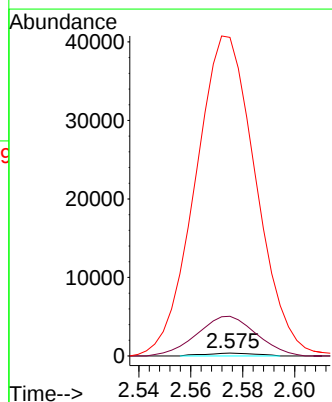
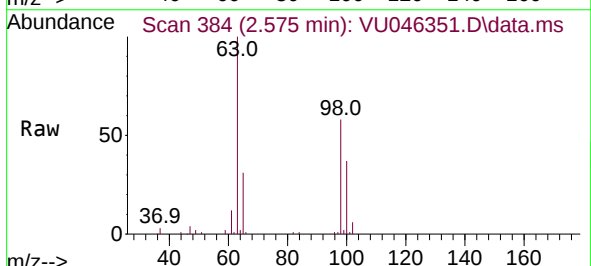
Instrument :
MSVOA_U
ClientSampleId :
C0CY9

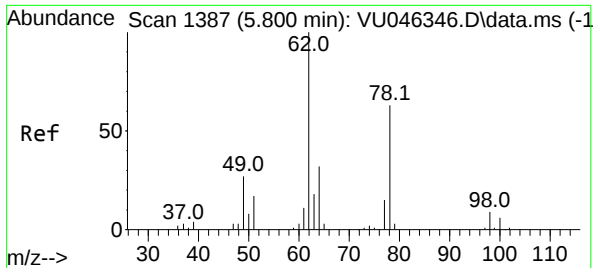
Tgt Ion:101 Resp: 541
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.493 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.012 min
Lab File: VU046351.D
Acq: 14 Dec 2021 13:28

Tgt Ion: 96 Resp: 495
Ion Ratio Lower Upper
96 100
61 1397.5 118.6 220.2#
63 11242.1 93.0 172.8#

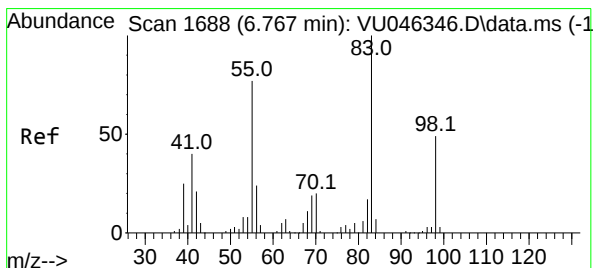
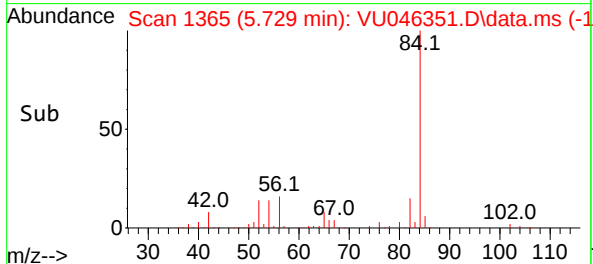
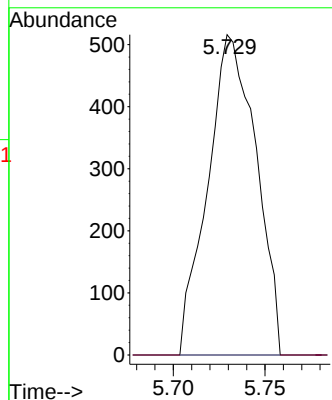
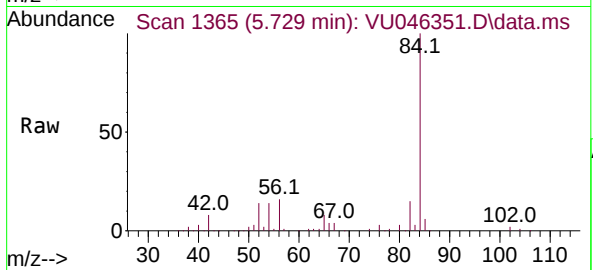




#27
1,2-Dichloroethane
Concen: 0.595 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.070 min
Lab File: VU046351.D
Acq: 14 Dec 2021 13:28

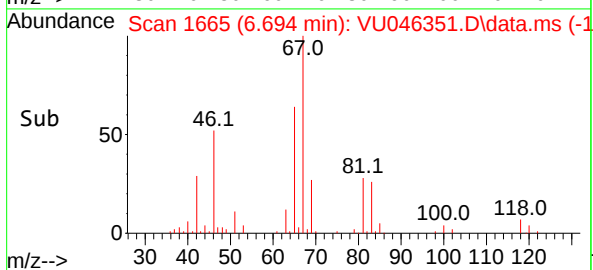
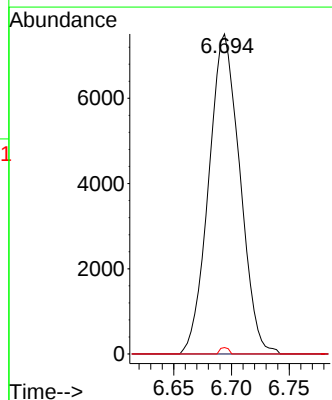
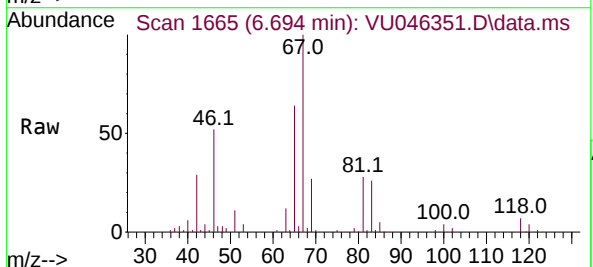
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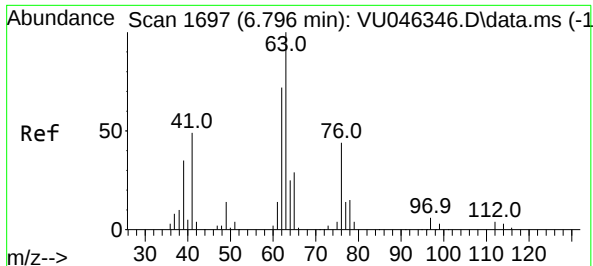
Tgt Ion: 62 Resp: 947
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 7.539 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.073 min
Lab File: VU046351.D
Acq: 14 Dec 2021 13:28

Tgt Ion: 83 Resp: 14094
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.6 38.4 57.6#

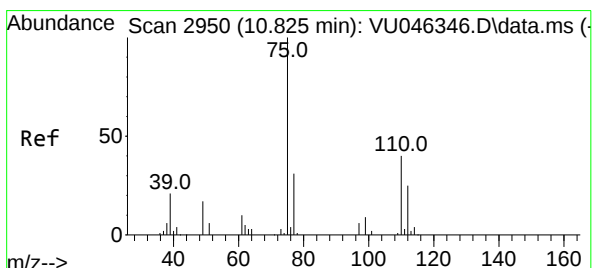
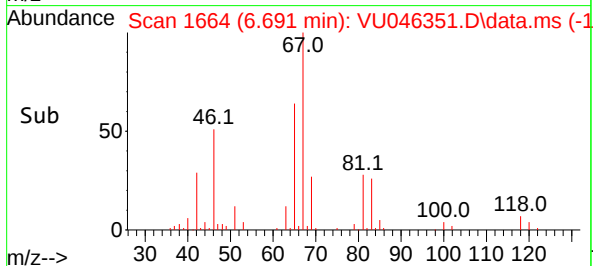
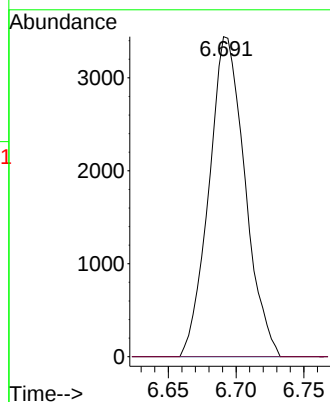
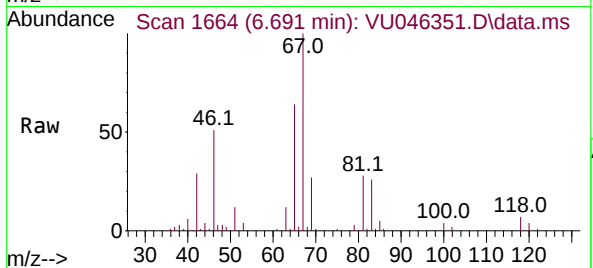




#37
1,2-Dichloropropane
Concen: 5.309 ug/L
RT: 6.691 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU046351.D
Acq: 14 Dec 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :
C0CY9

Tgt Ion: 63 Resp: 6365
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#60
1,2,3-Trichloropropane
Concen: 5.583 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.988 min
Lab File: VU046351.D
Acq: 14 Dec 2021 13:28

Tgt Ion: 75 Resp: 8831
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 2.3 32.4 48.6#

