

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045205.D
 Acq On : 07 Oct 2021 12:31
 Operator : SY/MD
 Sample : M4025-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:36:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

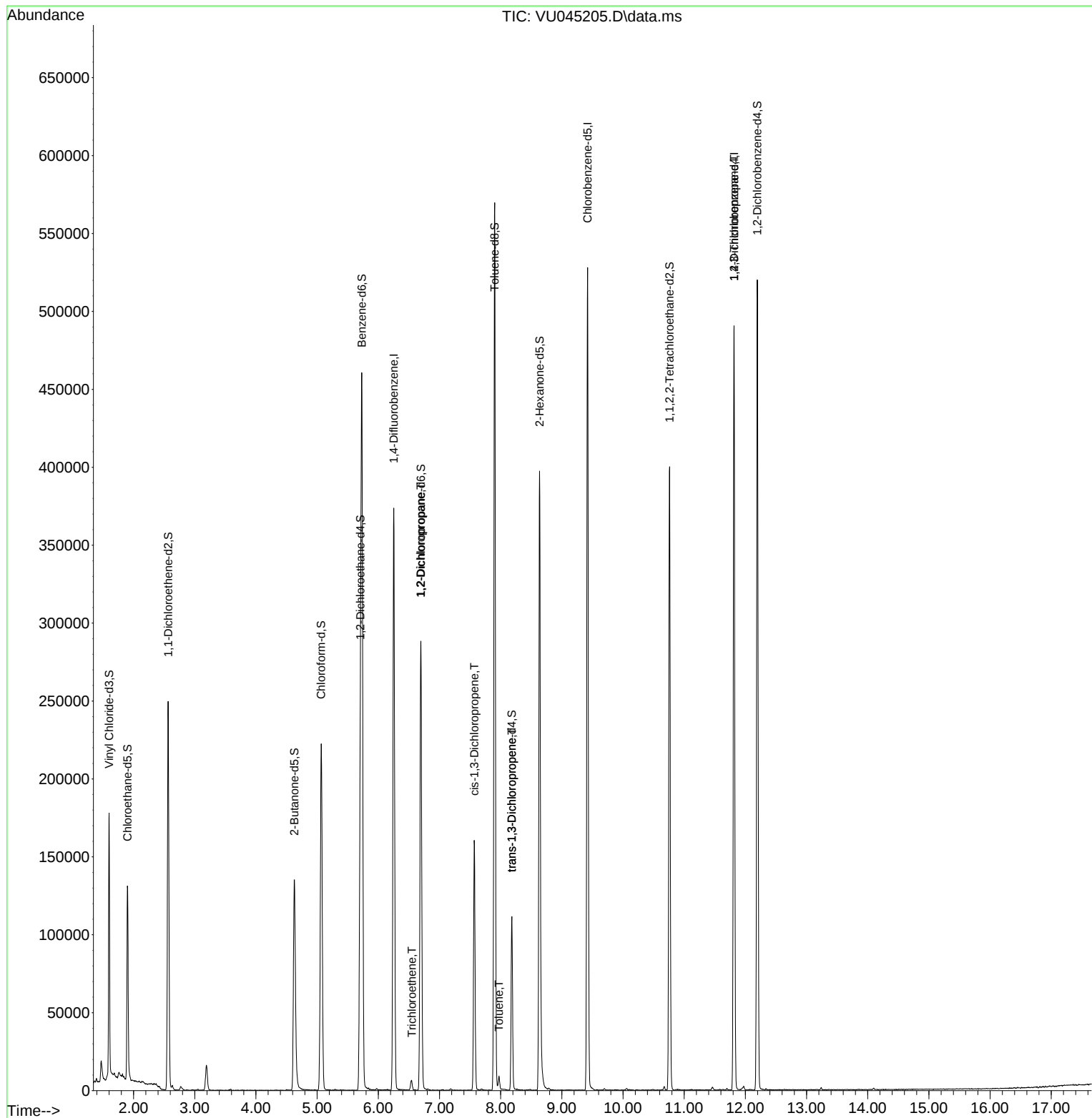
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111037	35.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.420%		
7) Chloroethane-d5	1.900	69	96662	38.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.380%		
11) 1,1-Dichloroethene-d2	2.565	63	149828	28.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.580%#		
21) 2-Butanone-d5	4.626	46	192166	77.088	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.090%		
24) Chloroform-d	5.067	84	196978	39.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.100%		
26) 1,2-Dichloroethane-d4	5.707	65	139416	41.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.660%		
32) Benzene-d6	5.732	84	406133	42.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.620%		
36) 1,2-Dichloropropane-d6	6.697	67	128298	40.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.980%		
41) Toluene-d8	7.903	98	359330	43.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.760%		
43) trans-1,3-Dichloroprop...	8.182	79	58723	42.178	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.360%		
47) 2-Hexanone-d5	8.636	63	137392	79.211	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.210%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	198093	40.644	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.280%		
66) 1,2-Dichlorobenzene-d4	12.195	152	124501	46.795	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.580%		
Target Compounds						Qvalue
34) Trichloroethene	6.549	95	1554	0.631	ug/L	82
37) 1,2-Dichloropropane	6.694	63	15248	5.458	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3467	0.867	ug/L #	69
42) Toluene	7.973	91	5405	0.518	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2697	0.710	ug/L #	81
60) 1,2,3-Trichloropropane	11.816	75	16105	4.763	ug/L #	68

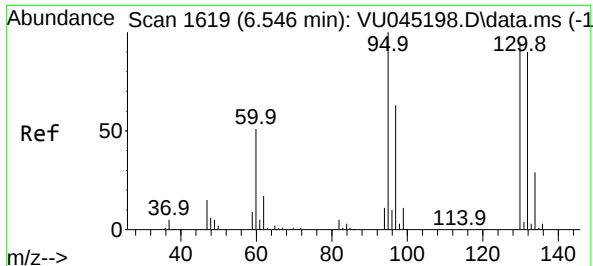
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 21:34:31 2021
Response via : Initial Calibration

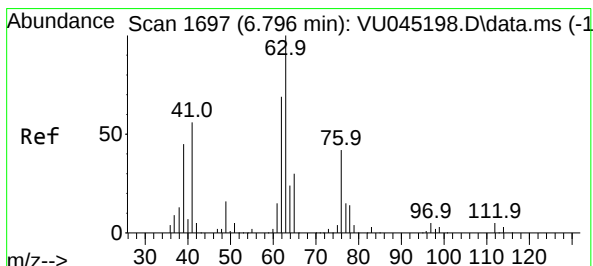
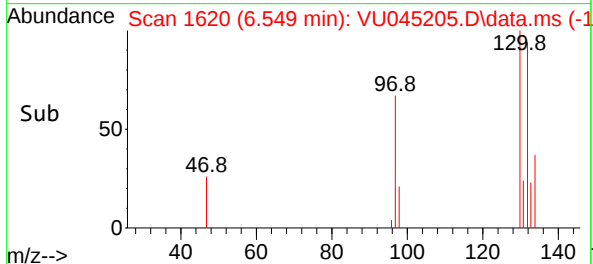
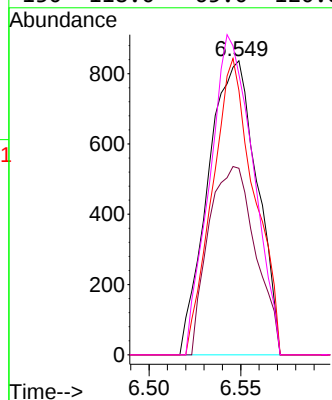
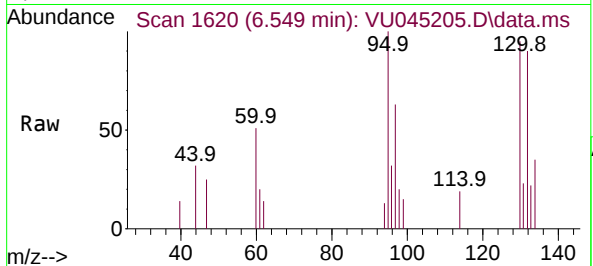




#34
Trichloroethene
Concen: 0.631 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

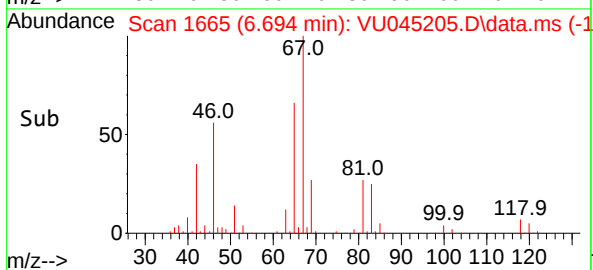
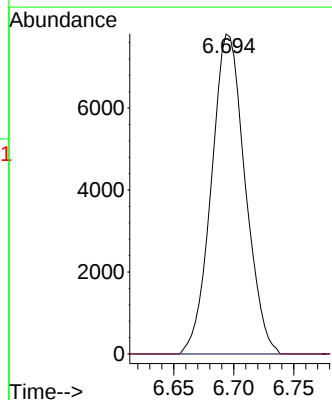
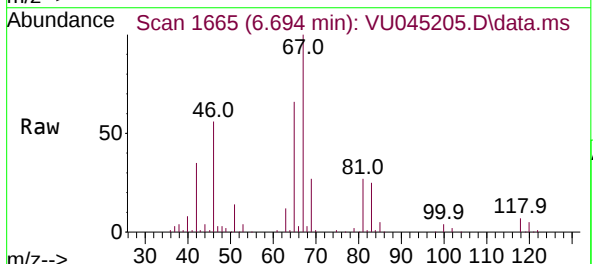
Instrument :
MSVOA_U
ClientSampled :

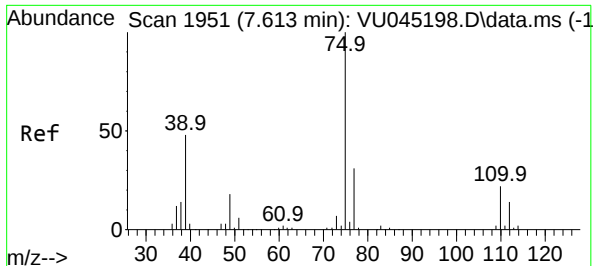
Tgt Ion: 95 Resp: 1554
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.4
132 111.9 62.9 116.9
130 118.0 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.458 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 63 Resp: 15248
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



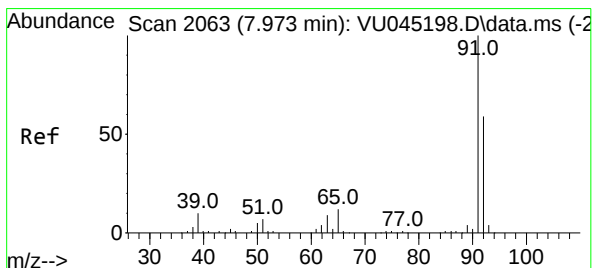
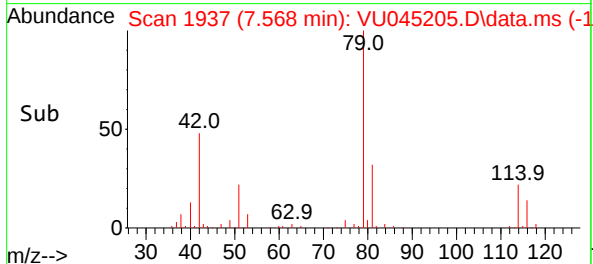
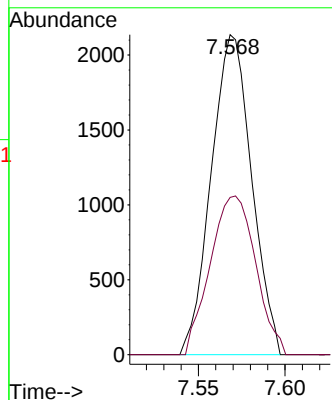
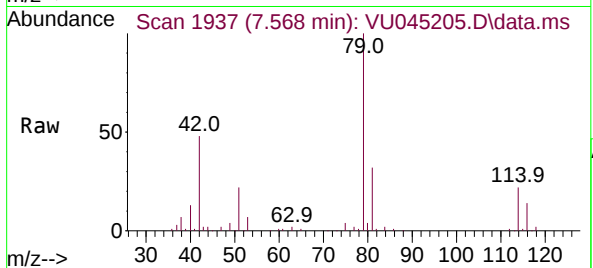


#39

cis-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

Instrument :
MSVOA_U
ClientSampled :

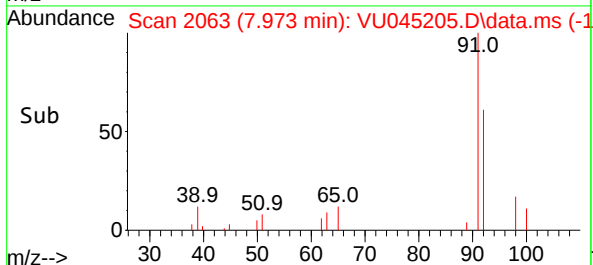
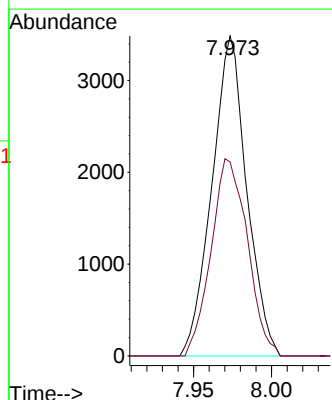
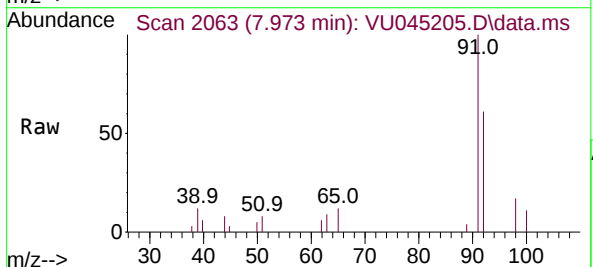
Tgt Ion: 75 Resp: 3467
Ion Ratio Lower Upper
75 100
77 49.2 22.4 41.6#

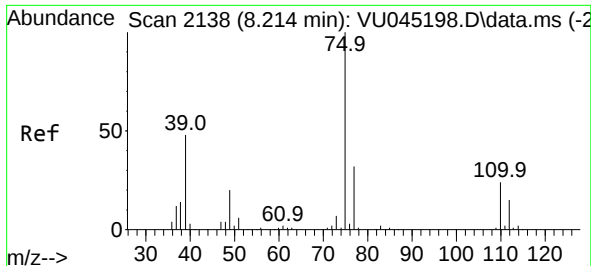


#42

Toluene
Concen: 0.518 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 91 Resp: 5405
Ion Ratio Lower Upper
91 100
92 60.6 40.5 75.1

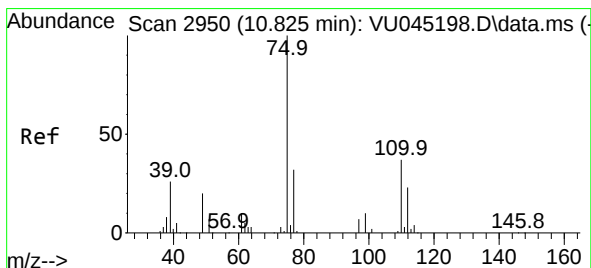
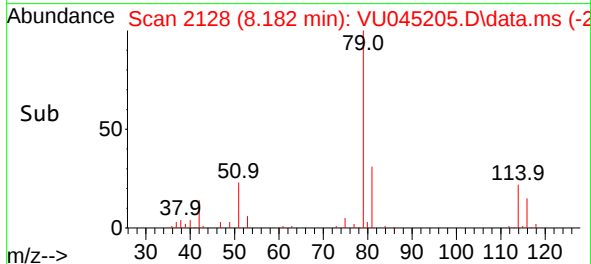
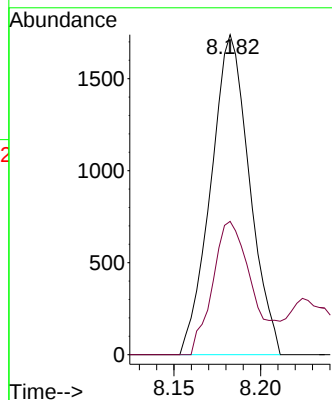
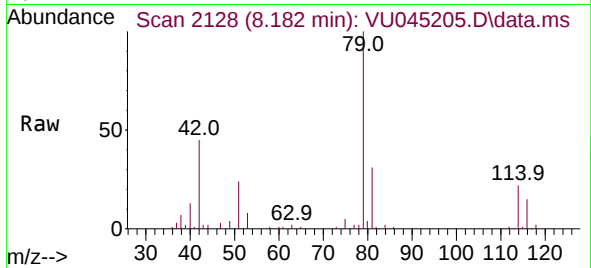




#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2697
Ion Ratio Lower Upper
75 100
77 41.6 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.763 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045205.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 75 Resp: 16105
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
110 2.2 29.0 43.4#

