

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053134.D
 Acq On : 18 Feb 2023 15:13
 Operator : JC/MD
 Sample : 01612-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM89

Quant Time: Feb 19 23:28:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

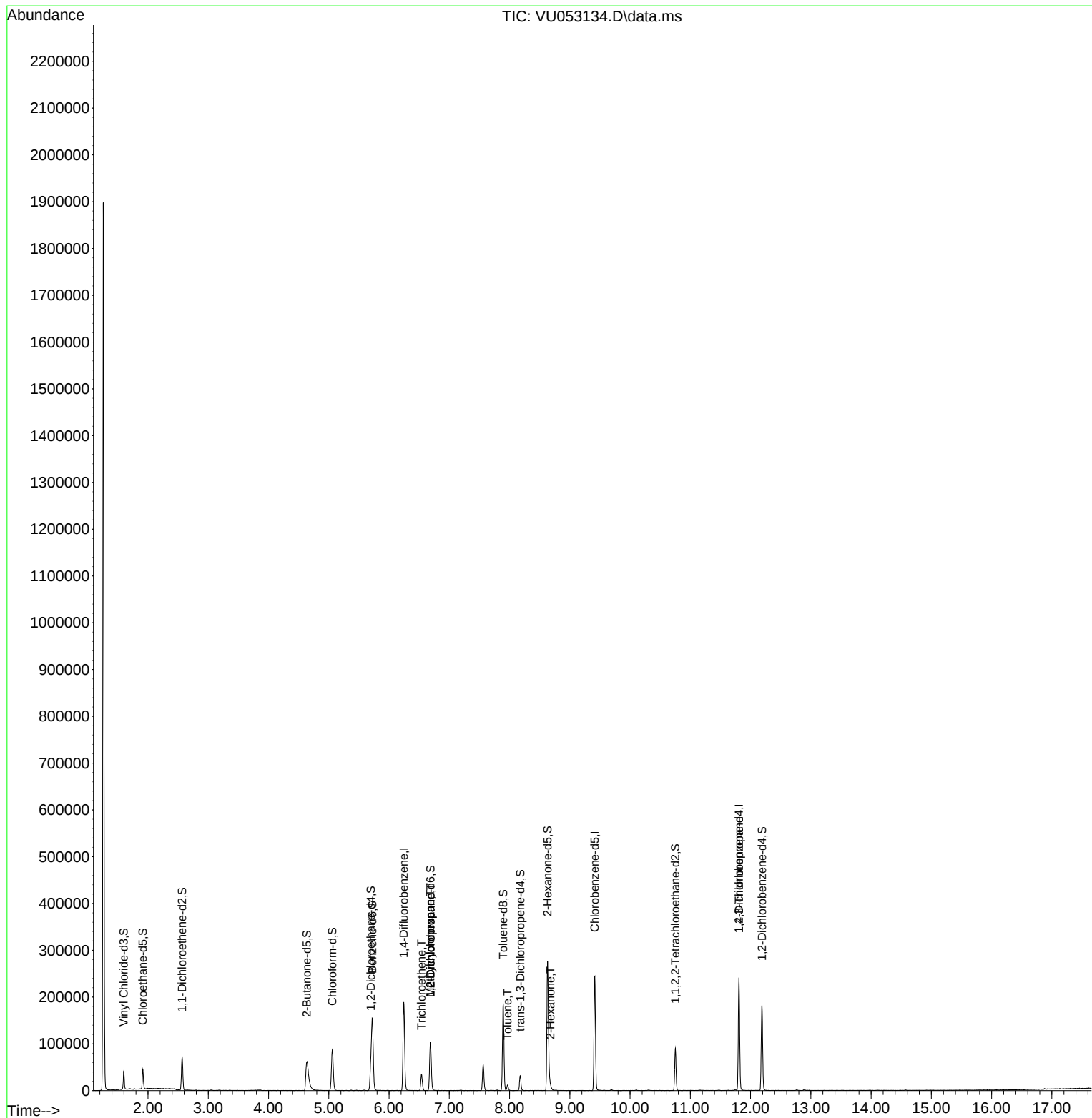
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	152019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	27138	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.913	69	30409	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.566	65	13515	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.636	46	125222	56.143	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.280%
24) Chloroform-d	5.058	84	78797	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.698	65	41900	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.723	84	145589	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.688	67	51642	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	124465	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	18994	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.630	63	98197	51.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	45688	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	46929	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	12307	1.127	ug/L	96
35) Methylcyclohexane	6.685	83	12171	0.689	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	5588	0.529	ug/L #	90
42) Toluene	7.968	91	8866	0.210	ug/L	96
48) 2-Hexanone	8.678	43	4397	1.086	ug/L #	35
61) 1,2,3-Trichloropropane	11.807	75	8728	1.484	ug/L #	66

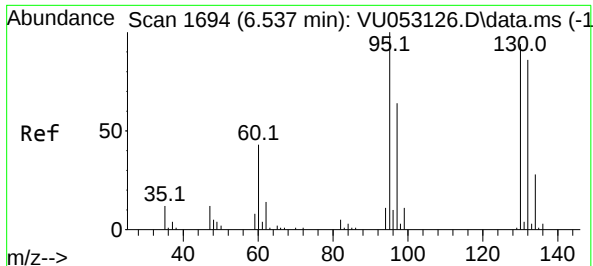
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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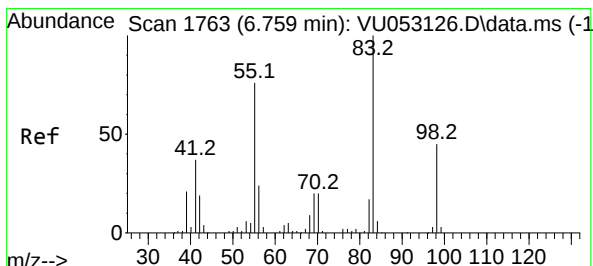
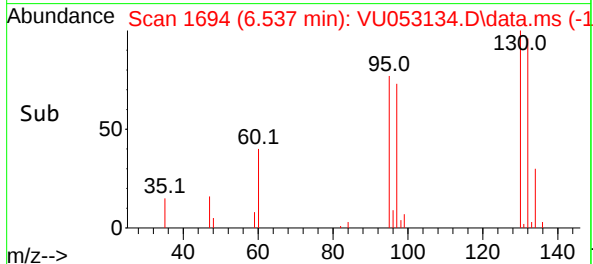
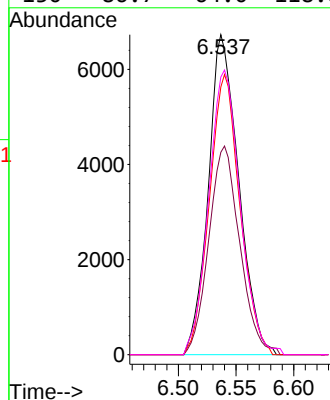
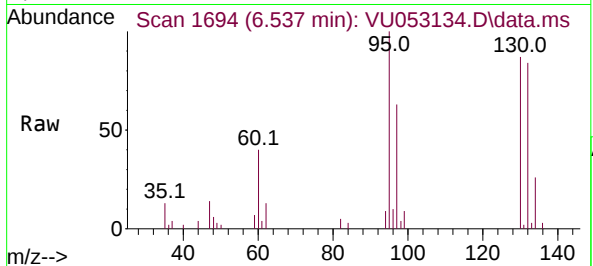




#34
Trichloroethene
Concen: 1.127 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

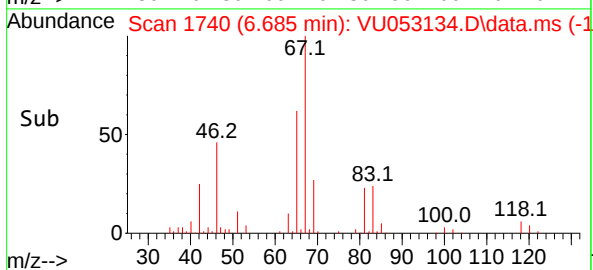
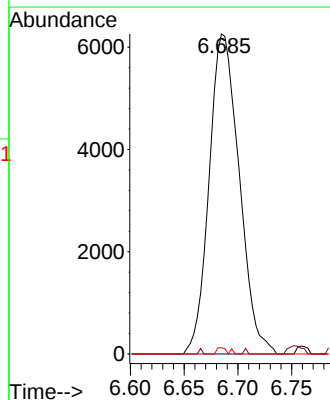
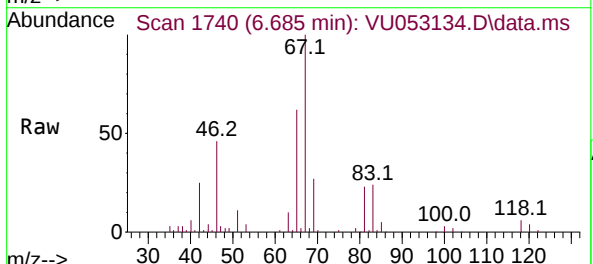
Instrument :
MSVOA_U
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COM89

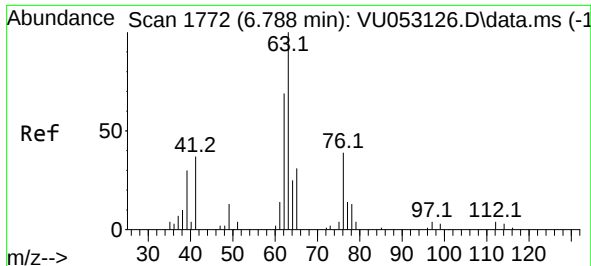
Tgt Ion: 95 Resp: 12307
Ion Ratio Lower Upper
95 100
97 63.3 44.7 82.9
132 83.6 62.3 115.7
130 86.7 64.0 118.8



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

Tgt Ion: 83 Resp: 12171
Ion Ratio Lower Upper
83 100
55 0.2 57.9 86.9#
98 0.7 36.4 54.6#

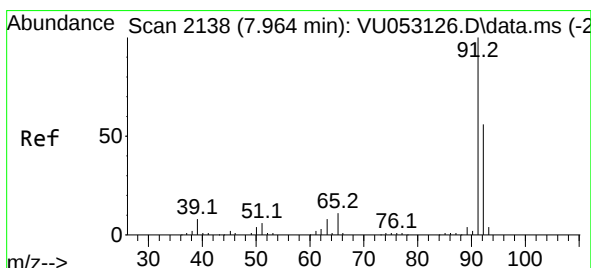
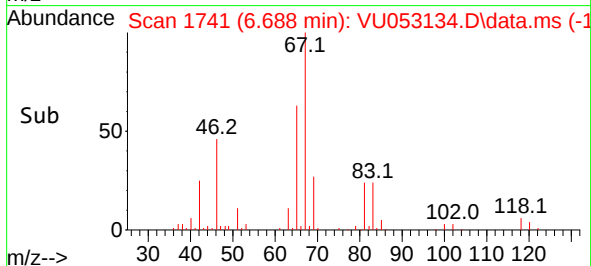
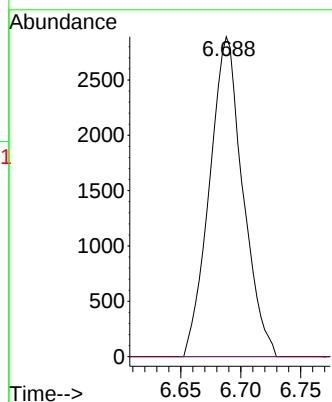
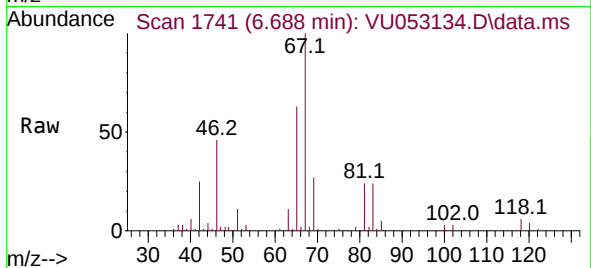




#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

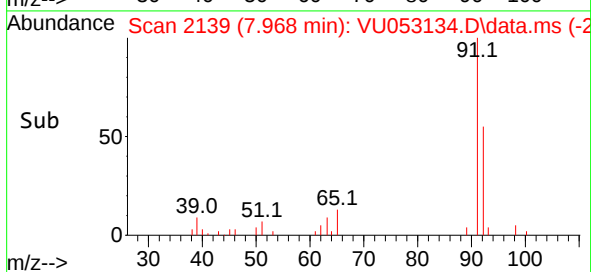
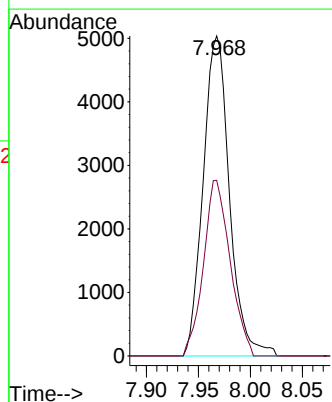
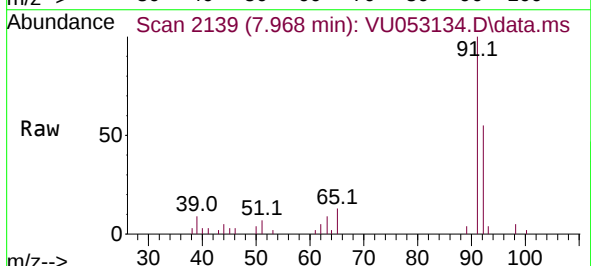
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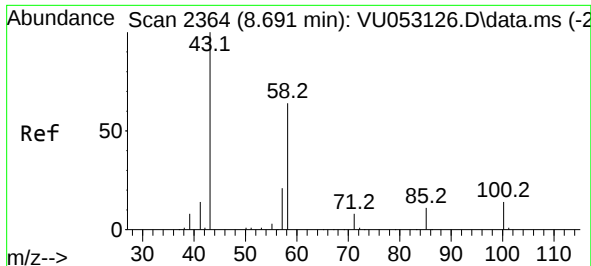
Tgt Ion: 63 Resp: 5588
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#42
Toluene
Concen: 0.210 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

Tgt Ion: 91 Resp: 8866
Ion Ratio Lower Upper
91 100
92 54.9 40.5 75.3

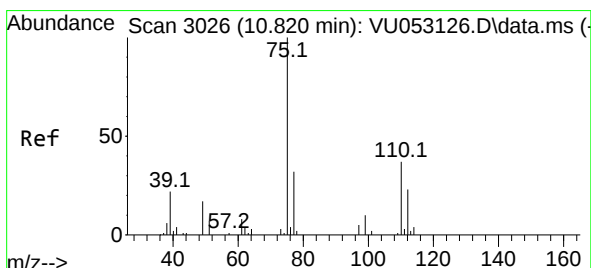
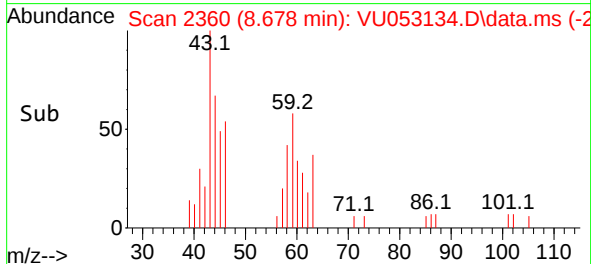
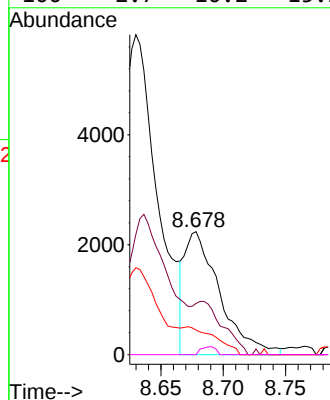
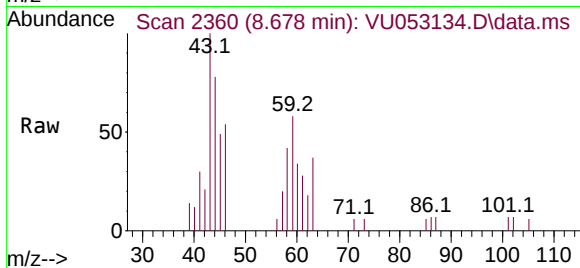




#48
2-Hexanone
Concen: 1.086 ug/L
RT: 8.678 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

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Tgt Ion:	43	Resp:	4397
Ion	Ratio	Lower	Upper
43	100		
58	0.0	50.3	75.5#
57	2.3	17.4	26.0#
100	2.7	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.484 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.987 min
Lab File: VU053134.D
Acq: 18 Feb 2023 15:13

Tgt Ion:	75	Resp:	8728
Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.6	42.8#
77	28.5	27.6	41.4

