

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055925.D
 Acq On : 27 Oct 2023 15:54
 Operator : MD/SY
 Sample : 05009-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 23:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

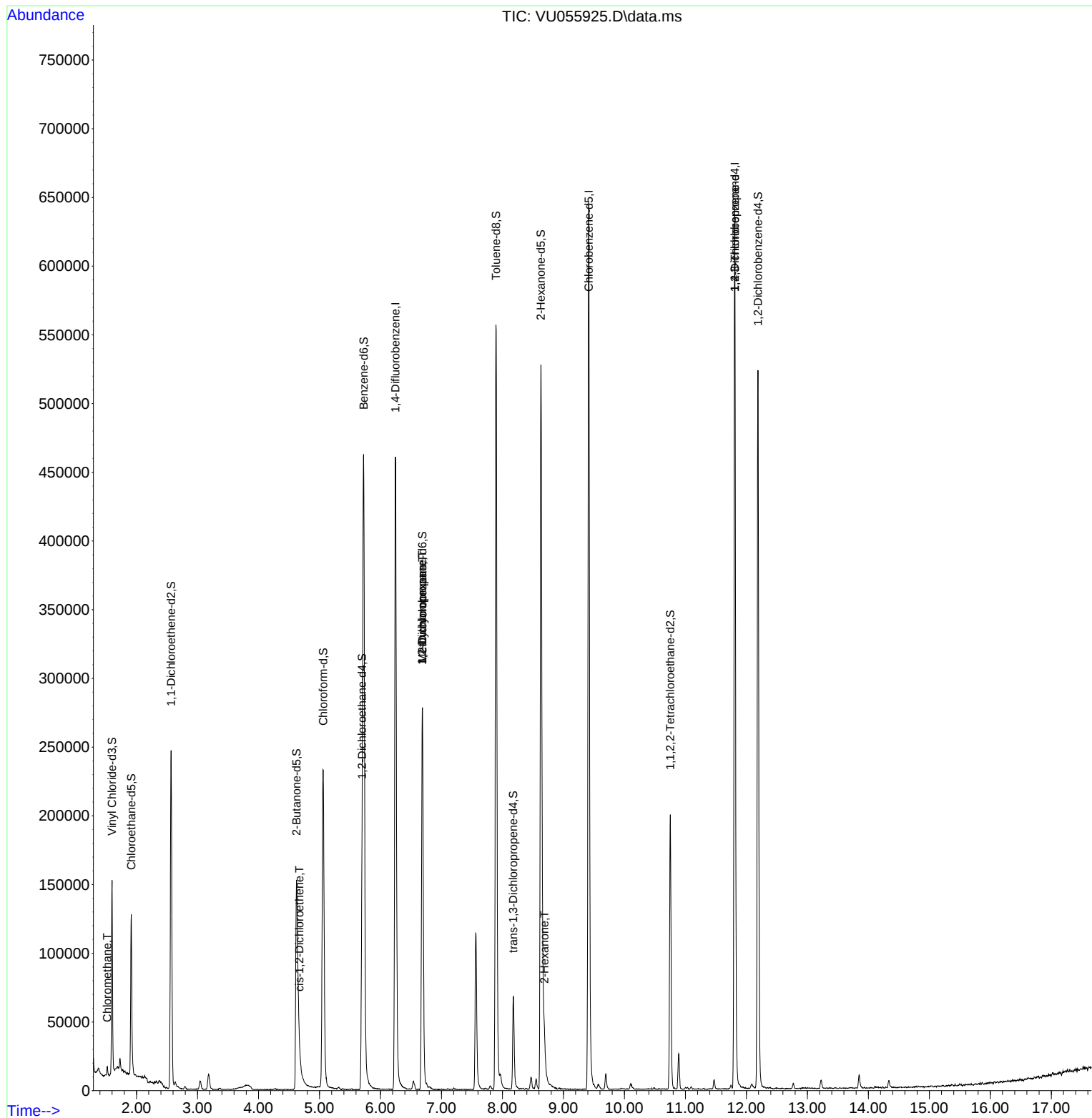
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	393396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	382242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	178537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	99533	3.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.914	69	88906	3.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.567	65	45975	3.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.624	46	227686	41.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.020%
24) Chloroform-d	5.062	84	227313	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.698	65	108347	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.724	84	460748	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.689	67	144867	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	401472	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	43560	3.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.631	63	187567	55.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102685	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	146695	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.522	50	4633	0.216	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	3850	0.168	ug/L	96
35) Methylcyclohexane	6.689	83	33770	1.060	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14399	0.643	ug/L #	88
48) 2-Hexanone	8.688	43	14669	1.728	ug/L #	86
61) 1,2,3-Trichloropropane	11.811	75	20275	1.654	ug/L #	64

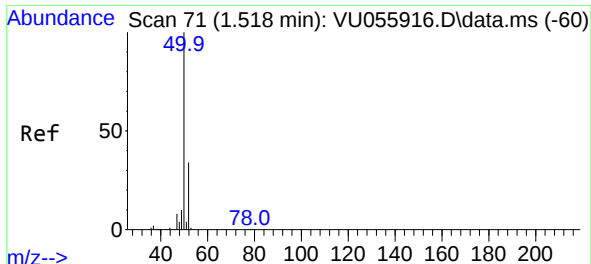
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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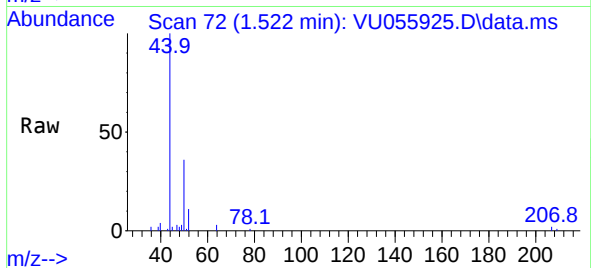
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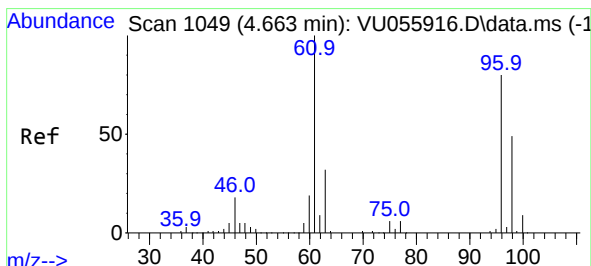
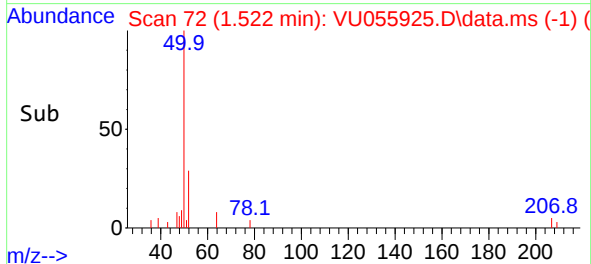
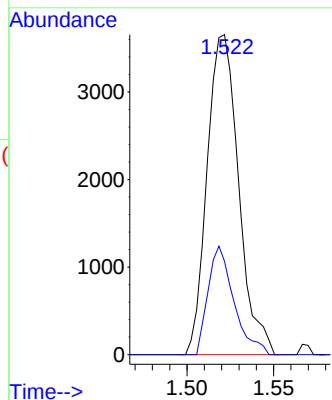


#3
Chloromethane
Concen: 0.216 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.007 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

Instrument :
MSVOA_U
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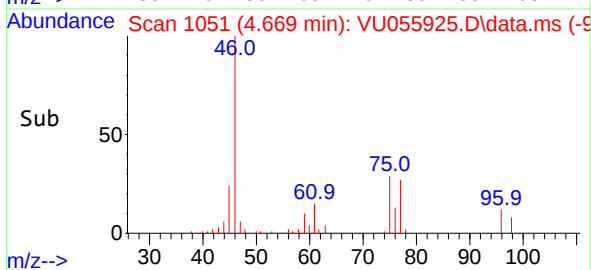
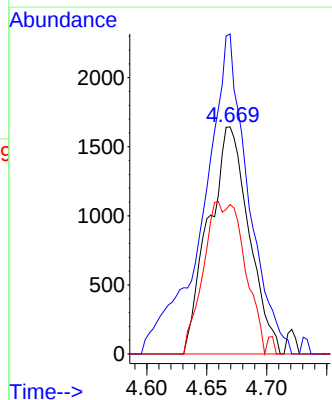
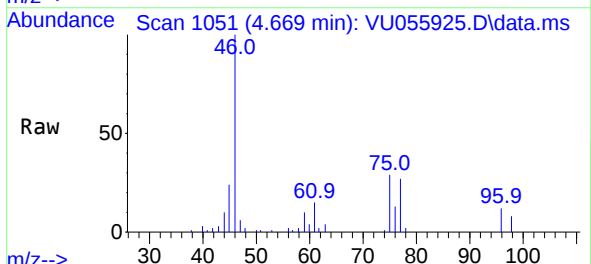


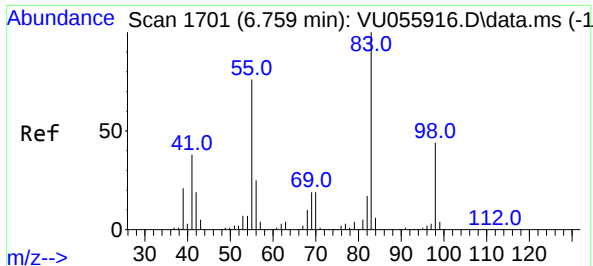
Tgt Ion: 50 Resp: 4633
Ion Ratio Lower Upper
50 100
52 29.2 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

Tgt Ion: 96 Resp: 3850
Ion Ratio Lower Upper
96 100
61 141.0 93.8 174.2
98 65.9 45.6 84.8

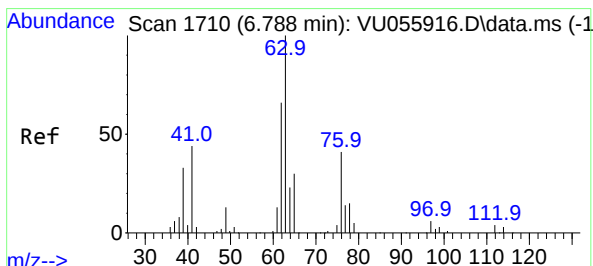
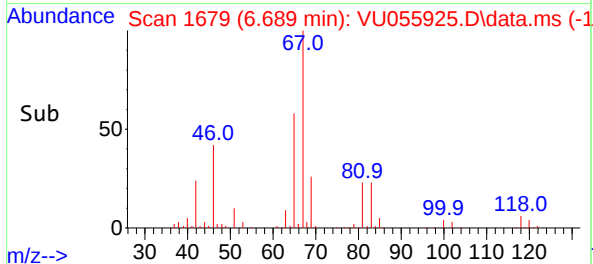
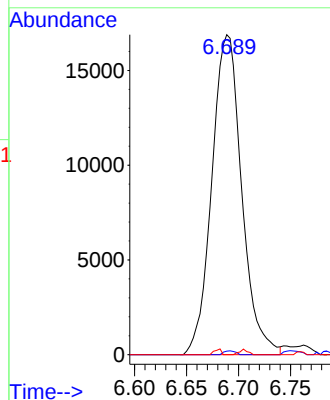
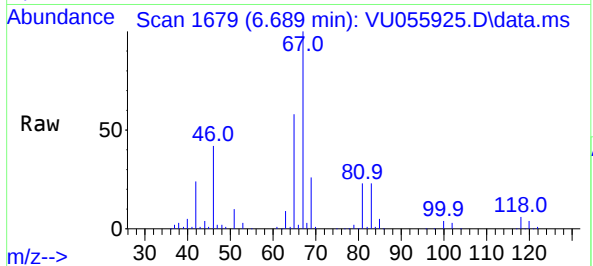




#35
Methylcyclohexane
Concen: 1.060 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

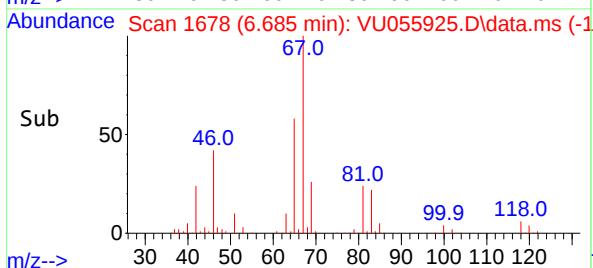
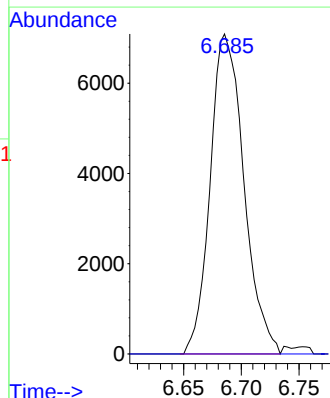
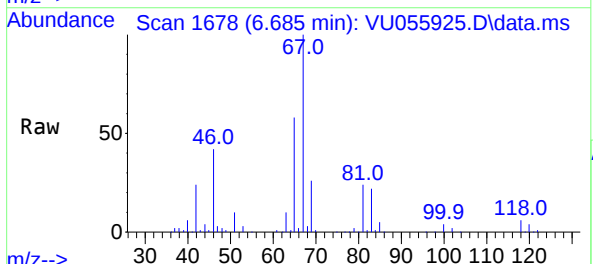
Instrument :
MSVOA_U
ClientSampleId :

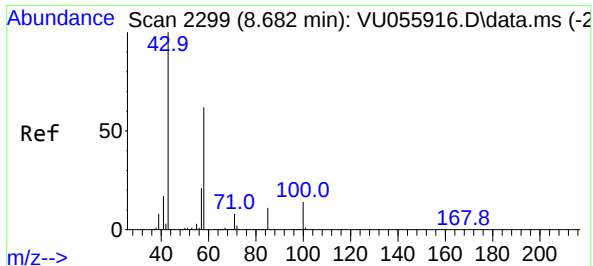
Tgt Ion: 83 Resp: 33770
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 0.4 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

Tgt Ion: 63 Resp: 14399
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



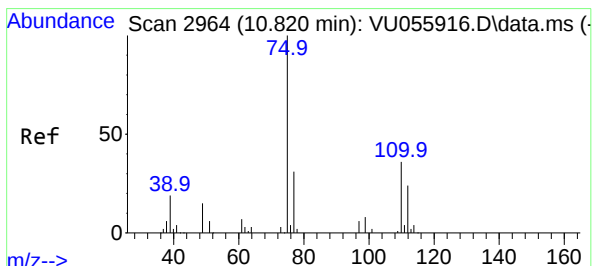
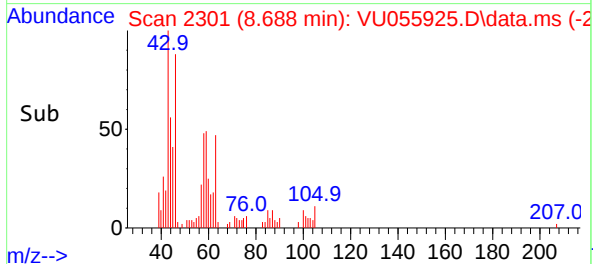
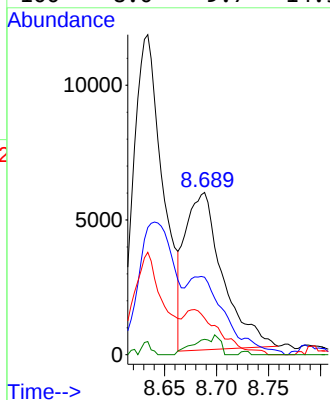
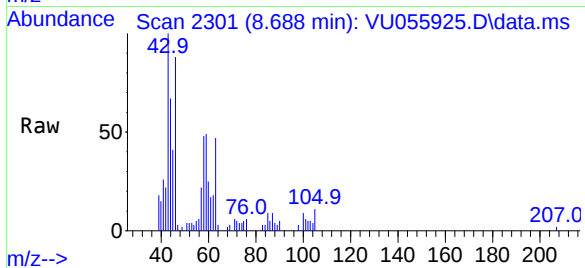


#48
2-Hexanone
Concen: 1.728 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14669

Ion	Ratio	Lower	Upper
43	100		
58	49.6	49.5	74.3
57	26.4	16.9	25.3#
100	8.0	9.7	14.5#



#61
1,2,3-Trichloropropane
Concen: 1.654 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU055925.D
Acq: 27 Oct 2023 15:54

Tgt Ion: 75 Resp: 20275

Ion	Ratio	Lower	Upper
75	100		
110	2.2	29.0	43.6#
77	36.0	24.5	36.7

