

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050488.D
 Acq On : 29 Aug 2022 16:47
 Operator : SY/MD
 Sample : N4365-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:16:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

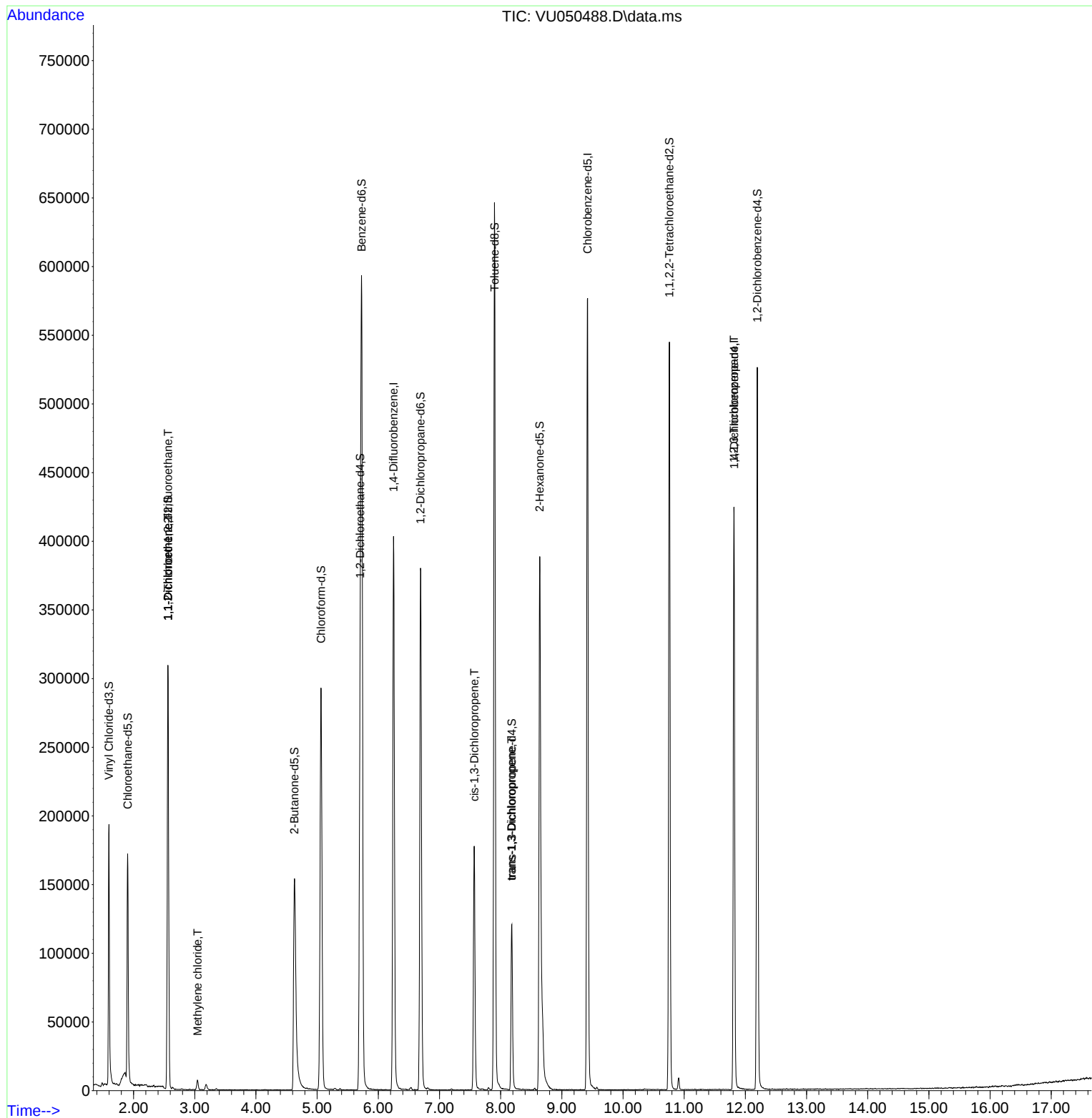
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	327537	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	327622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	117449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148682	38.390	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.780%	
7) Chloroethane-d5	1.903	69	127957	44.651	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.300%	
11) 1,1-Dichloroethene-d2	2.562	63	180084	32.903	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.800%	
21) 2-Butanone-d5	4.629	46	245483	96.839	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.840%	
24) Chloroform-d	5.063	84	276842	44.530	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.060%	
26) 1,2-Dichloroethane-d4	5.703	65	180766	46.784	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.560%	
32) Benzene-d6	5.729	84	554374	45.795	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.690	67	186300	46.455	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.920%	
41) Toluene-d8	7.899	98	446567	42.159	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.320%	
43) trans-1,3-Dichloroprop...	8.182	79	69013	41.255	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.500%	
47) 2-Hexanone-d5	8.639	63	126807	85.206	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.210%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	278496	45.024	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.040%	
66) 1,2-Dichlorobenzene-d4	12.195	152	143246	51.057	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1681	0.740	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1440	0.717	ug/L #	1
16) Methylene chloride	3.044	84	3462	1.236	ug/L	88
39) cis-1,3-Dichloropropene	7.568	75	4154	1.098	ug/L #	56
44) trans-1,3-Dichloropropene	8.179	75	3031	0.859	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	13897	4.592	ug/L #	69

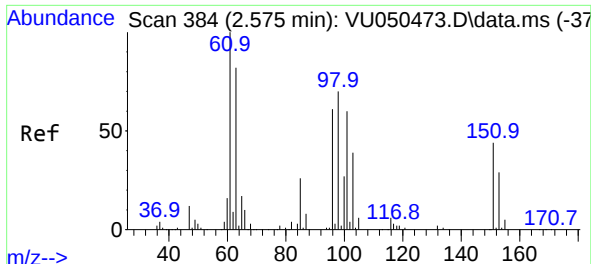
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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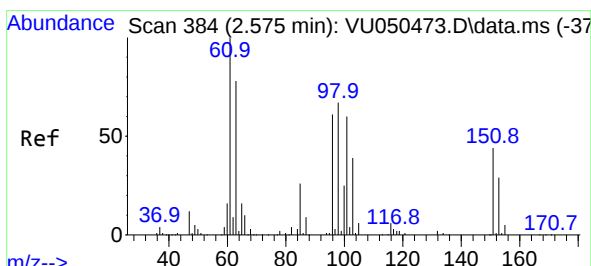
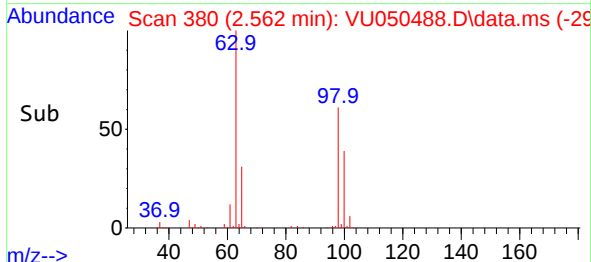
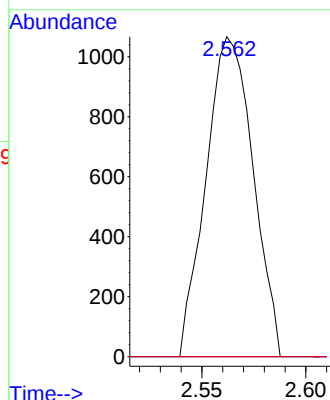
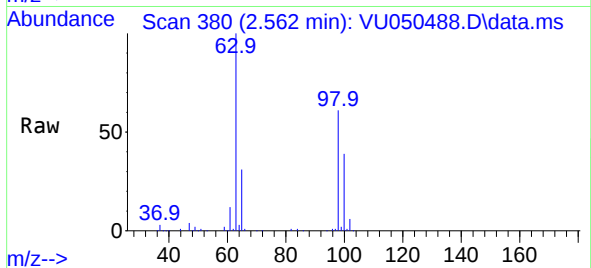




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.740 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

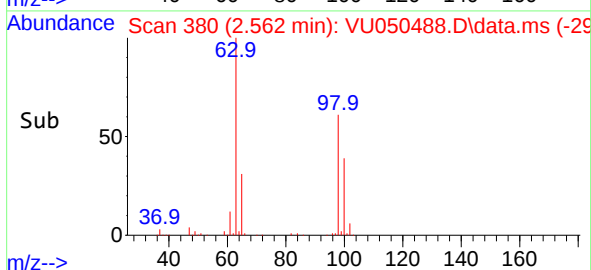
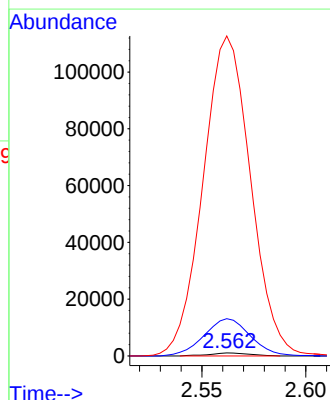
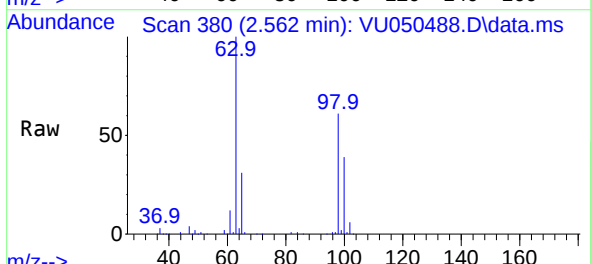
Instrument :
MSVOA_U
ClientSampleId :

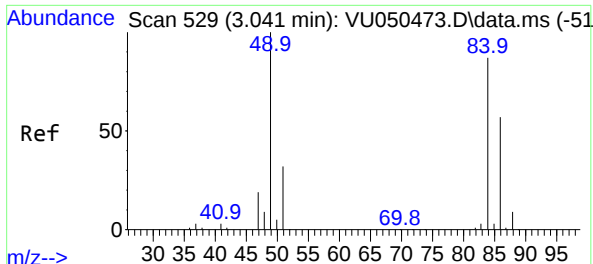
Tgt Ion:101 Resp: 1681
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.717 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

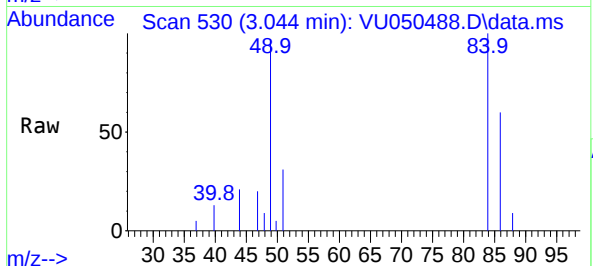
Tgt Ion: 96 Resp: 1440
Ion Ratio Lower Upper
96 100
61 1242.3 116.8 216.8#
63 10643.2 97.4 180.8#



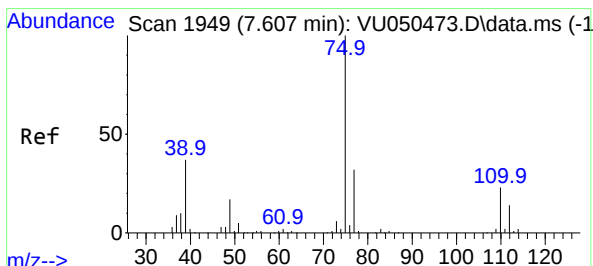
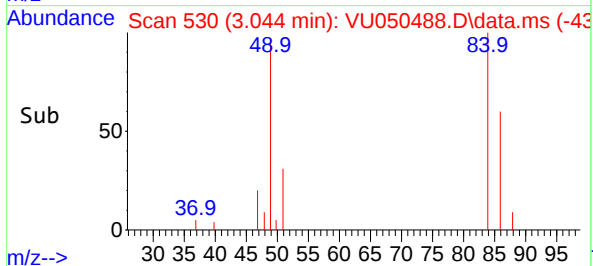
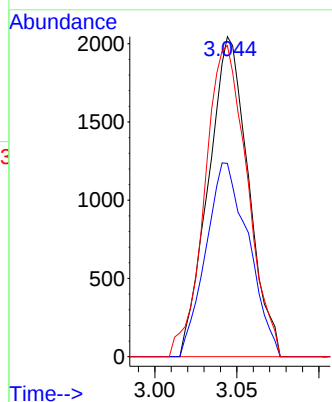


#16
Methylene chloride
Concen: 1.236 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

Instrument :
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ClientSampleId :

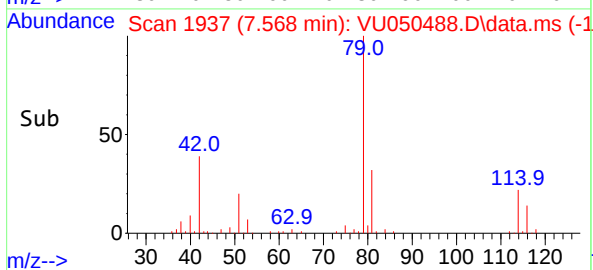
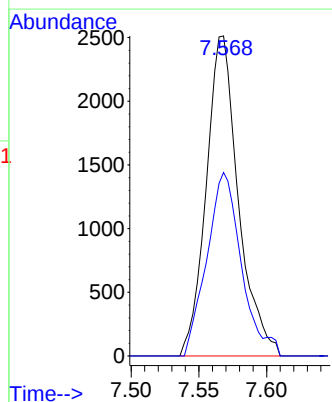
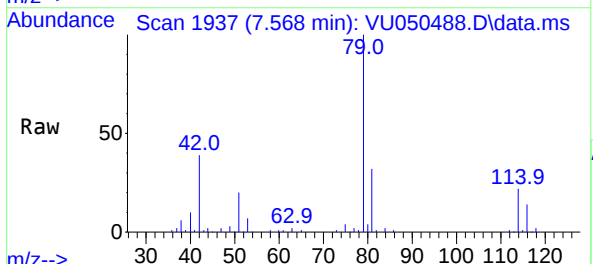


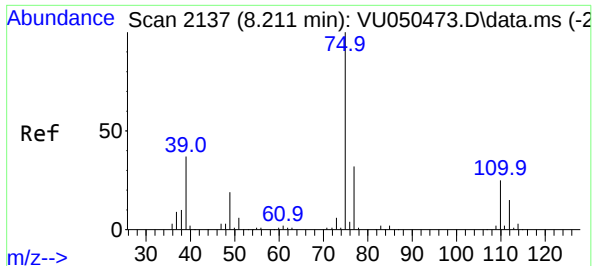
Tgt Ion: 84 Resp: 3462
Ion Ratio Lower Upper
84 100
86 60.4 43.9 81.5
49 97.3 80.4 149.4



#39
cis-1,3-Dichloropropene
Concen: 1.098 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

Tgt Ion: 75 Resp: 4154
Ion Ratio Lower Upper
75 100
77 57.3 22.8 42.4#

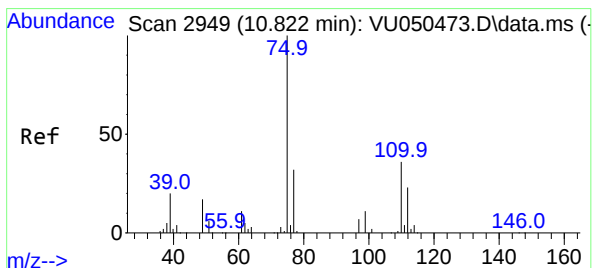
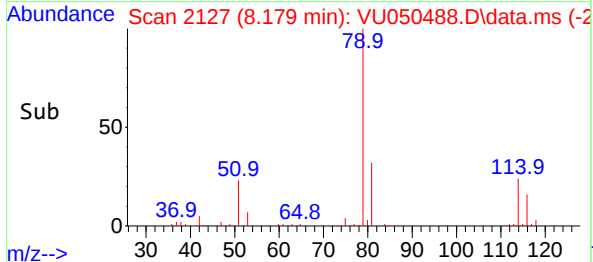
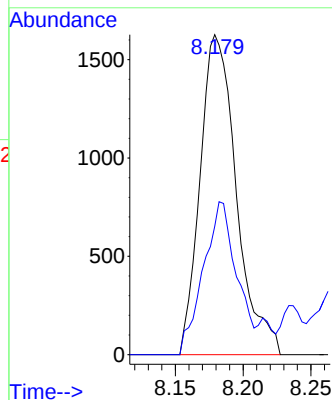
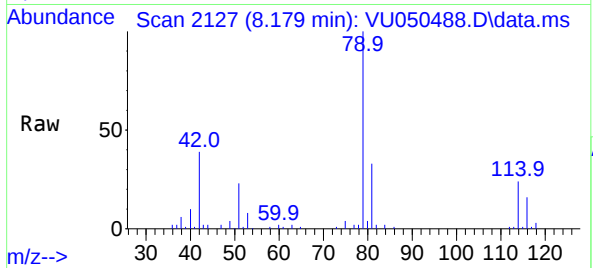




#44
trans-1,3-Dichloropropene
Concen: 0.859 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3031
Ion Ratio Lower Upper
75 100
77 40.1 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 4.592 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050488.D
Acq: 29 Aug 2022 16:47

Tgt Ion: 75 Resp: 13897
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 2.1 29.0 43.4#

