

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043259.D
 Acq On : 21 Apr 2021 18:44
 Operator : SY/MD
 Sample : M2088-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4541

Quant Time: Apr 22 04:45:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

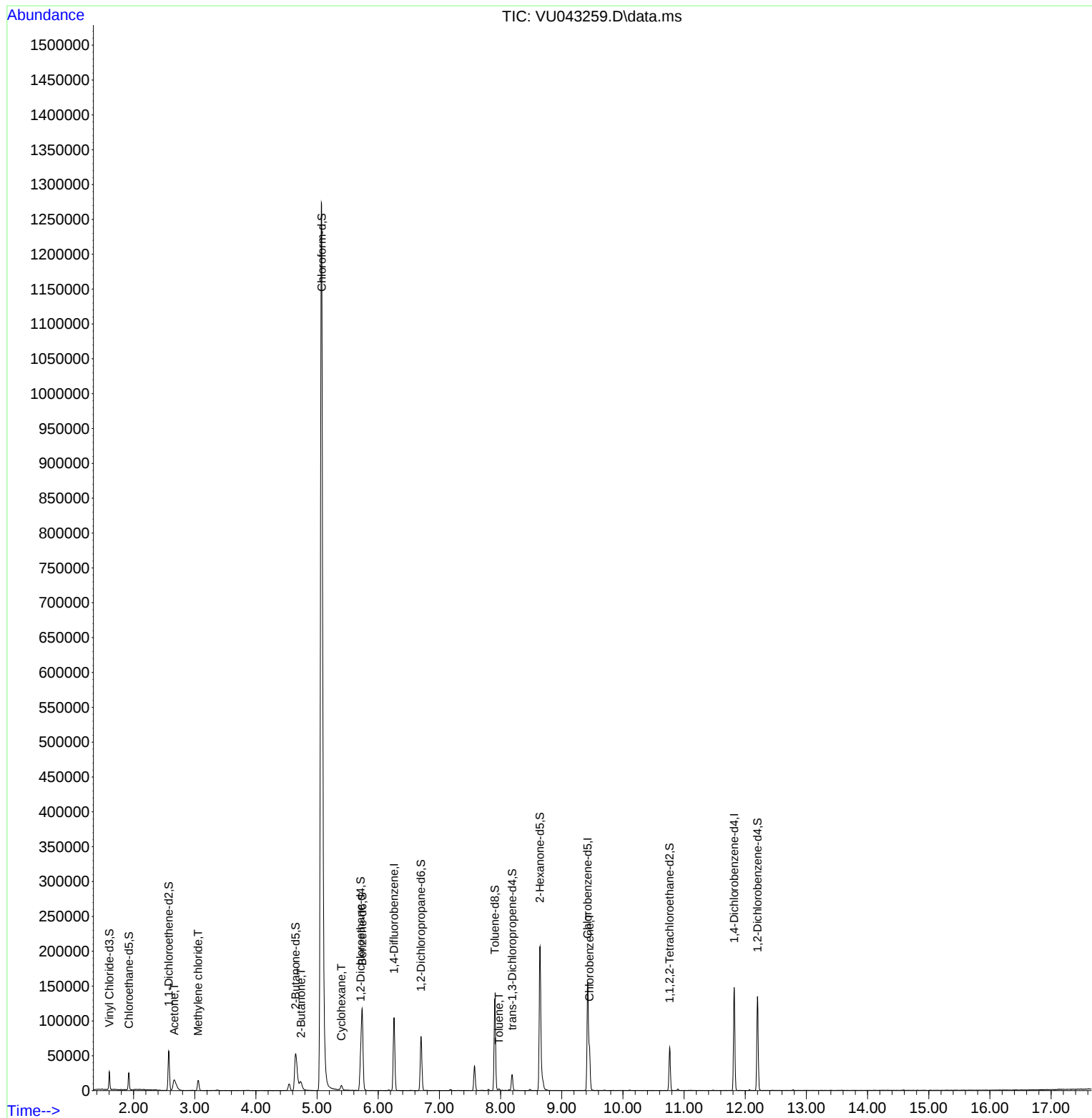
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76706	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	77234	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16544	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.922	69	16276	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.575	65	11274	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.649	46	107416	62.79	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.58%
24) Chloroform-d	5.076	84	54684	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.713	65	34607	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.739	84	94700	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.700	67	32812	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.906	98	78824	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloroprop...	8.189	79	12093	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.642	63	63004	47.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28206	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	32560	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds					Qvalue	
13) Acetone	2.665	43	37524	29.85	ug/L	# 64
16) Methylene chloride	3.054	84	6489	1.18	ug/L	# 79
21) 2-Butanone	4.739	43	21556	10.39	ug/L	81
30) Cyclohexane	5.398	56	3079	0.38	ug/L	89
42) Toluene	7.973	91	1749	0.08	ug/L	93
51) Chlorobenzene	9.452	112	27476	1.87	ug/L	90

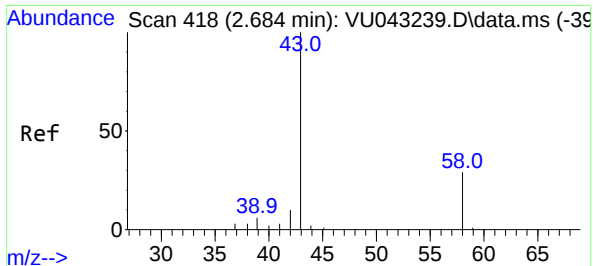
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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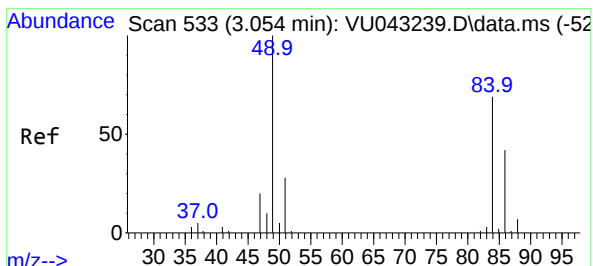
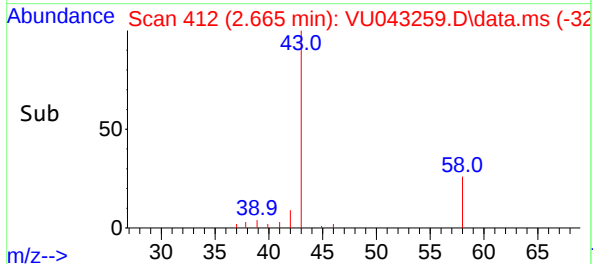
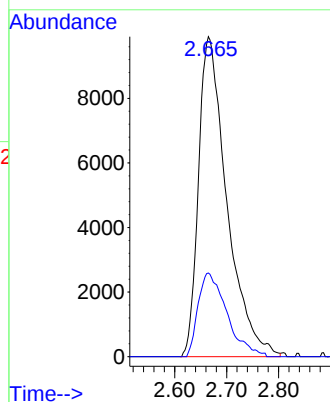
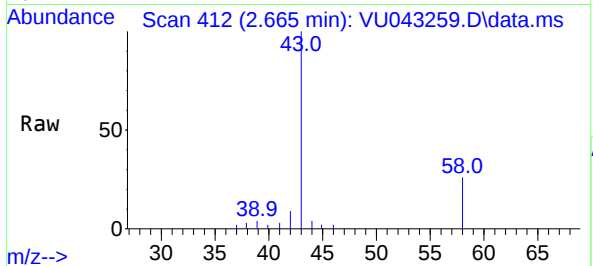




#13
Acetone
Concen: 29.85 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.020 min
Lab File: VU043259.D
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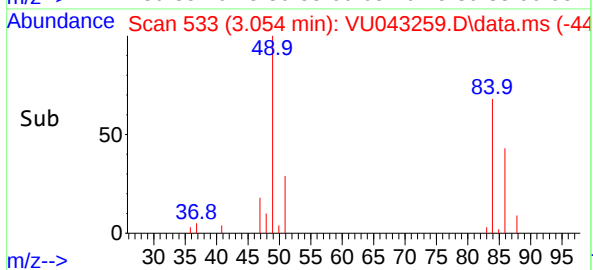
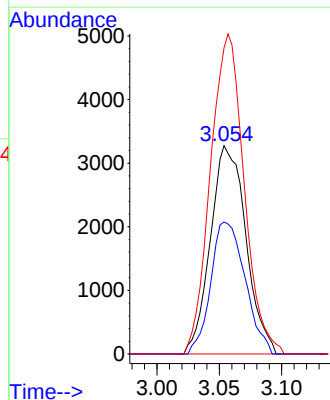
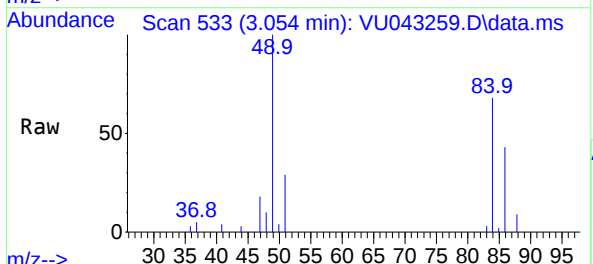
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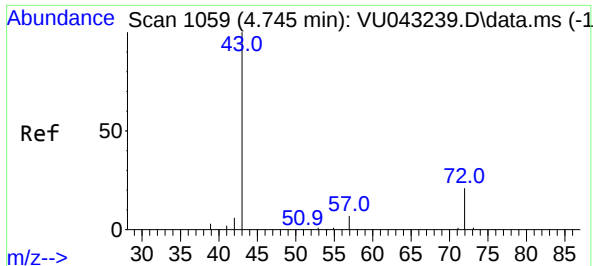
Tgt Ion: 43 Resp: 37524
Ion Ratio Lower Upper
43 100
58 26.6 0.0 25.0#



#16
Methylene chloride
Concen: 1.18 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043259.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 84 Resp: 6489
Ion Ratio Lower Upper
84 100
86 63.4 44.9 83.5
49 146.9 79.0 146.8#

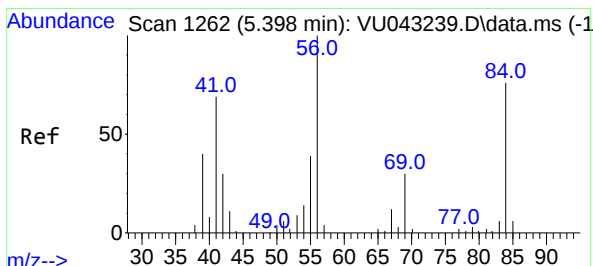
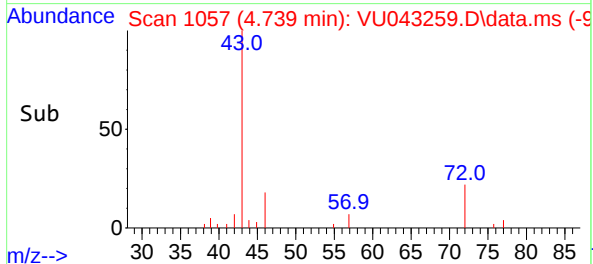
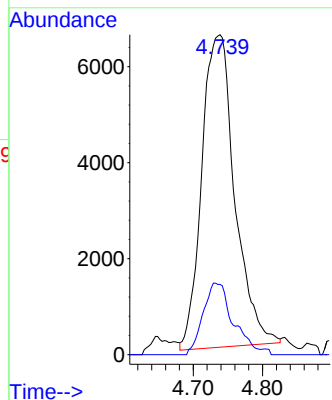
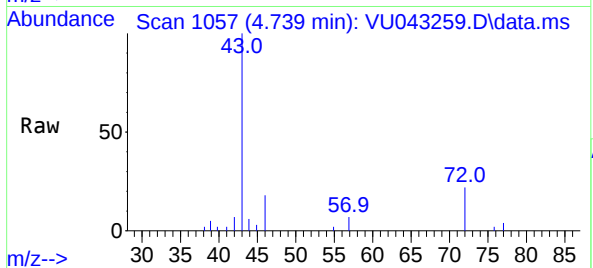




#21
2-Butanone
Concen: 10.39 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VU043259.D
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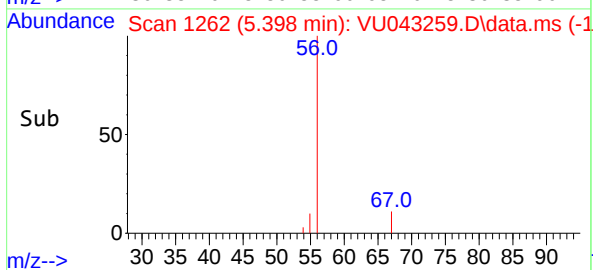
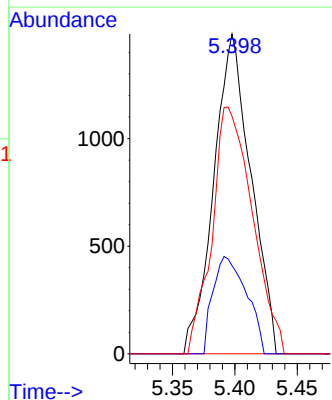
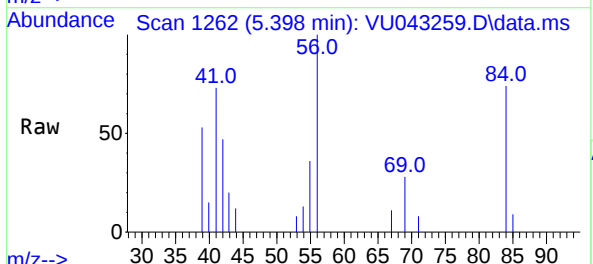
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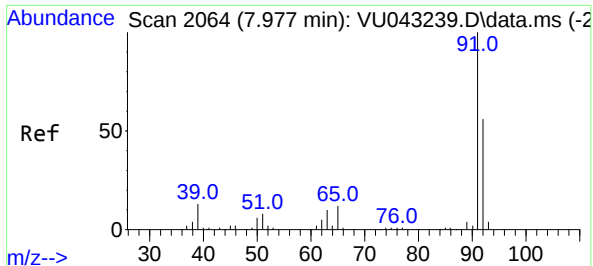
Tgt Ion: 43 Resp: 21556
Ion Ratio Lower Upper
43 100
72 20.7 15.8 47.3



#30
Cyclohexane
Concen: 0.38 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043259.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 27.4 25.2 37.8
84 83.8 76.2 114.4

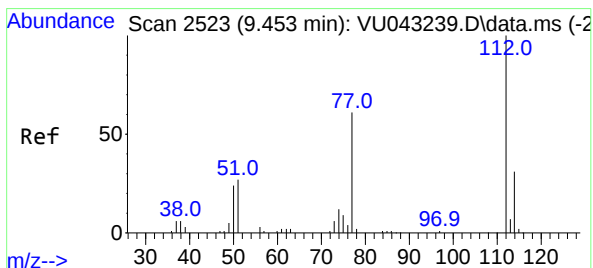
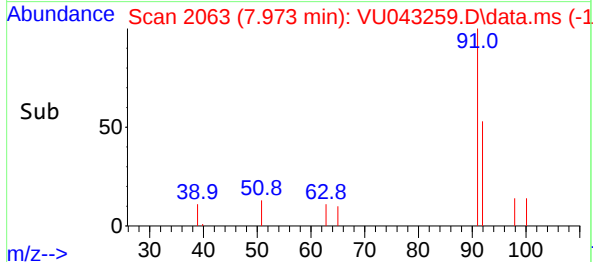
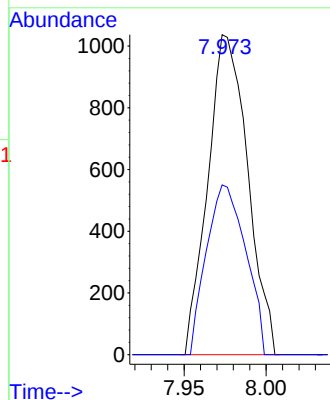
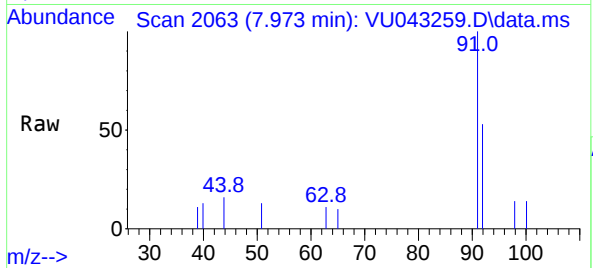




#42
Toluene
Concen: 0.08 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.004 min
Lab File: VU043259.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 1749
Ion Ratio Lower Upper
91 100
92 53.0 40.9 76.0



#51
Chlorobenzene
Concen: 1.87 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043259.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 112 Resp: 27476
Ion Ratio Lower Upper
112 100
114 34.0 21.9 40.7
77 66.0 45.1 67.7

