

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080720\
 Data File : VU039779.D
 Acq On : 07 Aug 2020 12:04
 Operator : SY/MD
 Sample : L3572-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L87

Manual Integrations
 APPROVED

sam
 8/10/2020 8:18:25 AM

Quant Time: Aug 08 03:59:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21326	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.92	69	22974	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	31426	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	102336	56.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.09	84	54759	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	33189	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.74	84	95641	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.70	67	33060	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.91	98	75153	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	9976	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	71966	58.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30702	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34192	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	14612	2.345	ug/L	96
13) Acetone	2.65	43	3627m	3.380	ug/L	
18) trans-1,2-Dichloroethene	3.37	96	1044	0.205	ug/L	79
22) cis-1,2-Dichloroethene	4.69	96	37453	6.765	ug/L	94
34) Trichloroethene	6.55	95	3127	0.604	ug/L	91

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

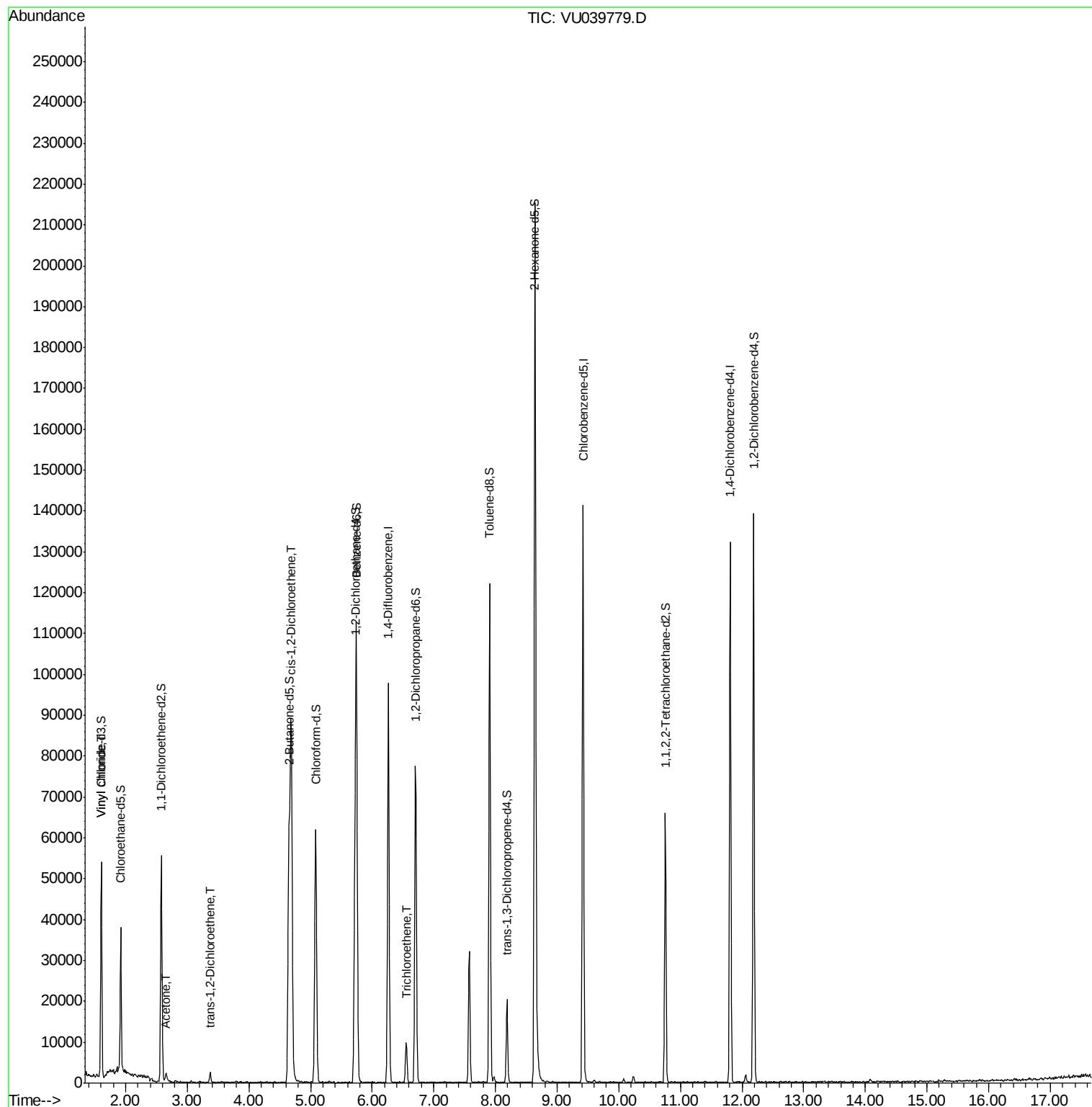
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
Data File : VU039779.D
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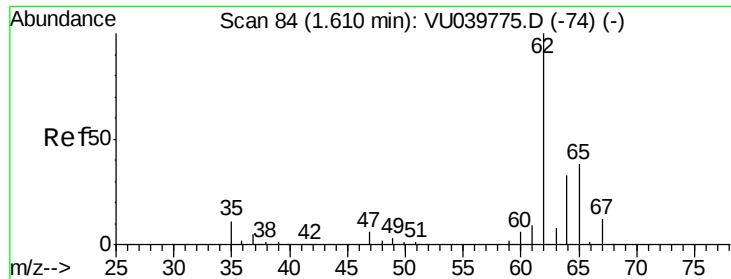
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QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.345 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039779.D

Acq: 07 Aug 2020 12:04

Instrument :

MSVOA_U

ClientSampled :

F2L87

Tot Ion: 62 Resp: 14612

Ion Ratio Lower Upper

62 100

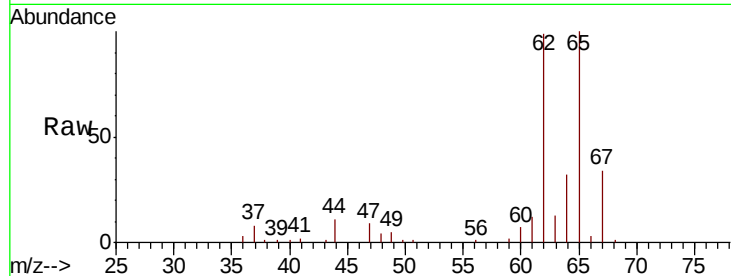
64 32.2 24.1 44.7

Manual Integrations

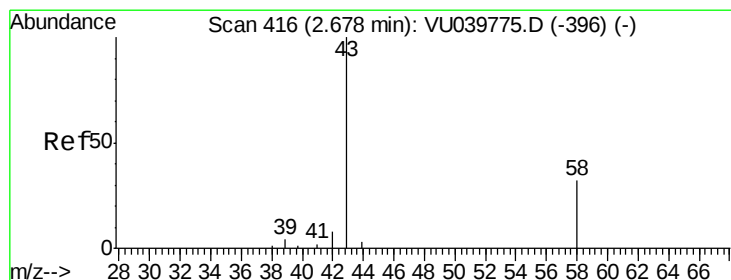
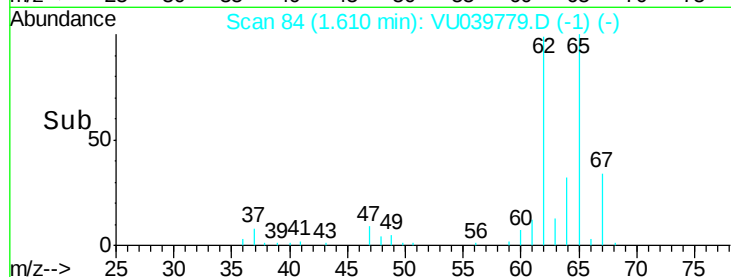
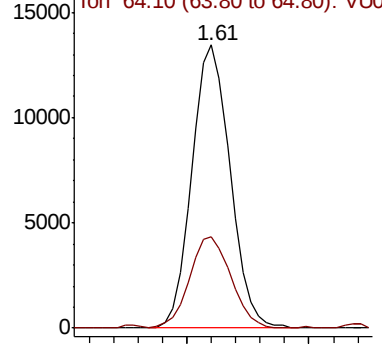
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Abundance Ion 62.00 (61.70 to 62.70): VU039779.D (-1) (-)



#13

Acetone

Concen: 3.380 ug/L m

RT: 2.65 min Scan# 408

Delta R.T. -0.03 min

Lab File: VU039779.D

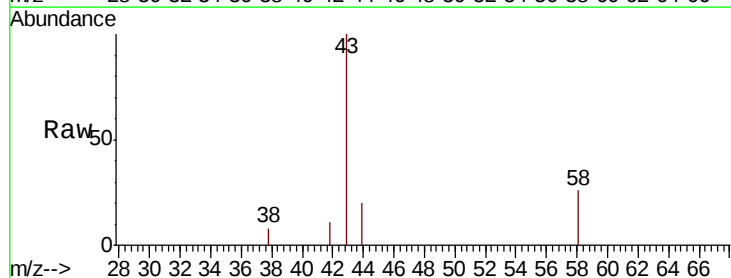
Acq: 07 Aug 2020 12:04

Tgt Ion: 43 Resp: 3627

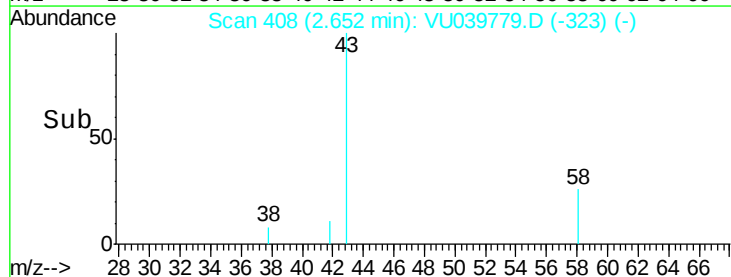
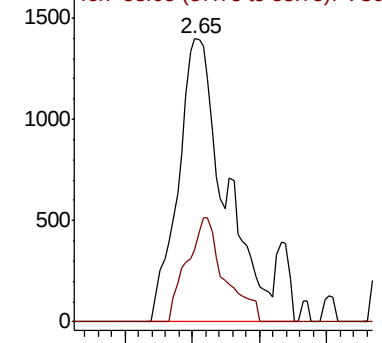
Ion Ratio Lower Upper

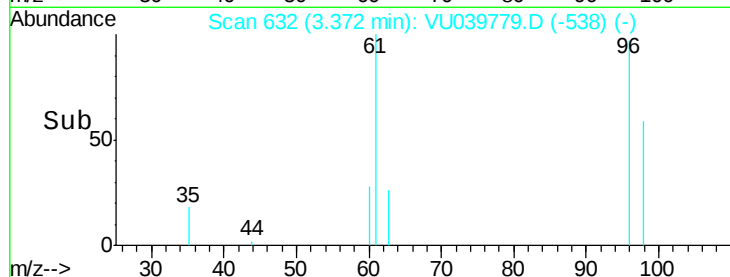
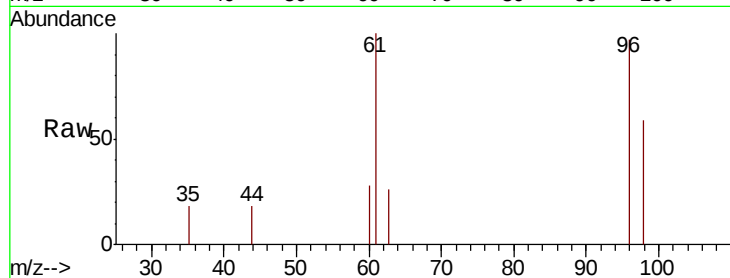
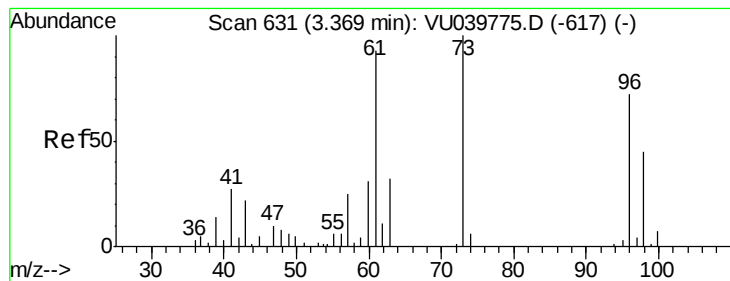
43 100

58 27.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039779.D (-323) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039779.D

Acq: 07 Aug 2020 12:04

Tot Ion:	96	Resp:	1044
Ion	Ratio	Lower	Upper
96	100		
61	102.9	96.5	179.1
98	60.9	40.9	76.0

Instrument :

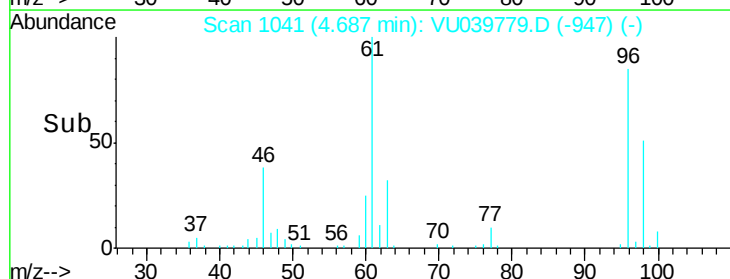
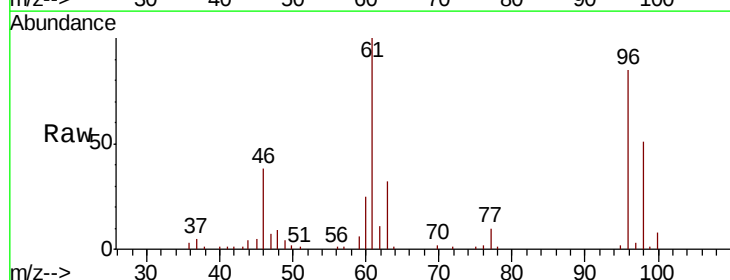
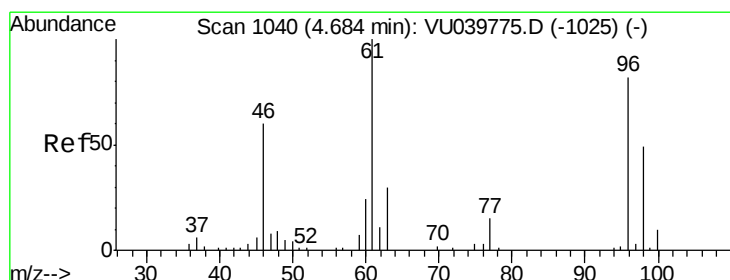
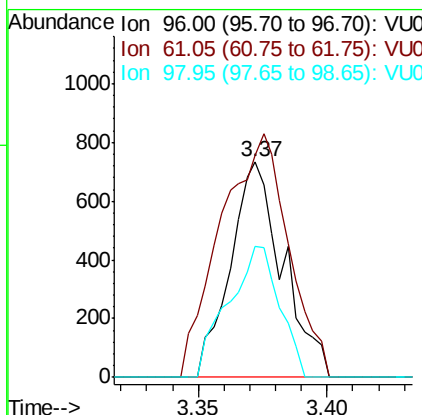
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#22

cis-1,2-Dichloroethene

Concen: 6.765 ug/L

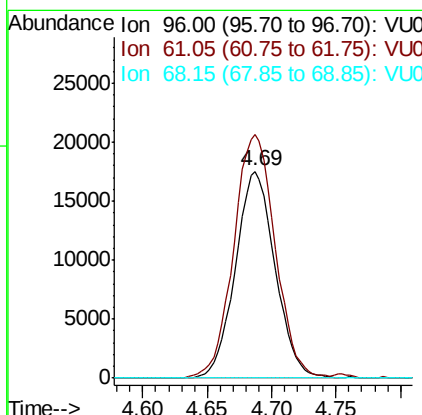
RT: 4.69 min Scan# 1041

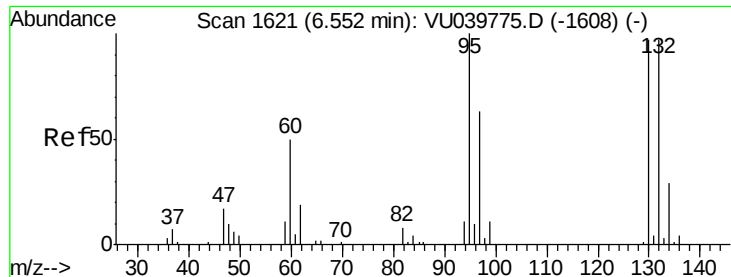
Delta R.T. 0.00 min

Lab File: VU039779.D

Acq: 07 Aug 2020 12:04

Tgt Ion:	96	Resp:	37453
Ion	Ratio	Lower	Upper
96	100		
61	117.8	87.4	162.2
68	0.0	0.0	0.0





#34
 Trichloroethene
 Concen: 0.604 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039779.D
 Acq: 07 Aug 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L87

Tot Ion:	95	Resp:	3127
Ion Ratio	Lower	Upper	
95	100		
97	60.6	44.0	81.8
132	94.9	71.7	133.3
130	88.4	71.1	132.1

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