

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057709.D
 Acq On : 29 Jan 2024 12:05
 Operator : MD/SY
 Sample : P1239-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB7

Quant Time: Jan 30 00:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

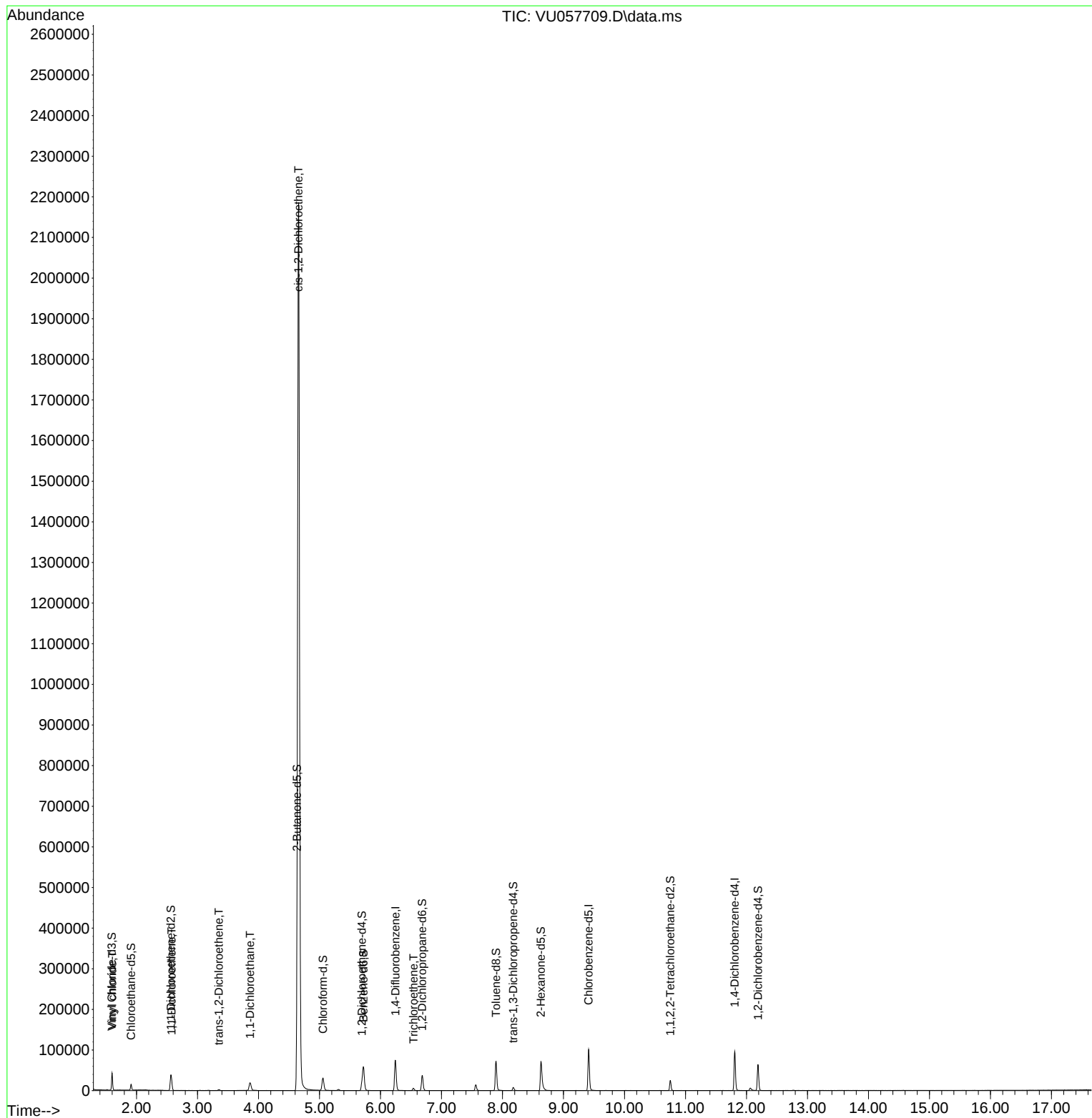
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	61831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	11634	3.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.911	69	10517	3.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.563	65	5875	3.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.631	46	33496	52.120	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.055	84	28903	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	14651	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	54730	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	17615	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	50001	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	4882	3.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.631	63	23938	47.130	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	12256	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	16536	4.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	18988	3.403	ug/L	98
12) 1,1-Dichloroethene	2.576	96	4936	1.098	ug/L #	49
18) trans-1,2-Dichloroethene	3.351	96	938	0.198	ug/L	94
19) 1,1-Dichloroethane	3.862	63	22122	2.531	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	1115583	219.245	ug/L	100
34) Trichloroethene	6.541	95	2053	0.385	ug/L	95

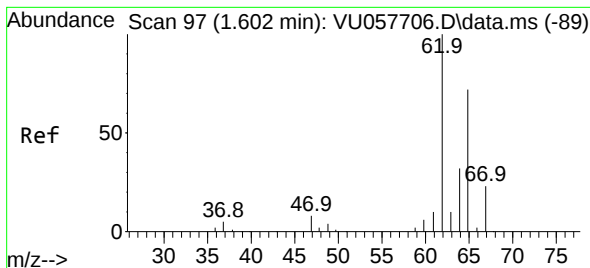
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.403 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057709.D

Acq: 29 Jan 2024 12:05

Instrument :

MSVOA_U

ClientSampleId :

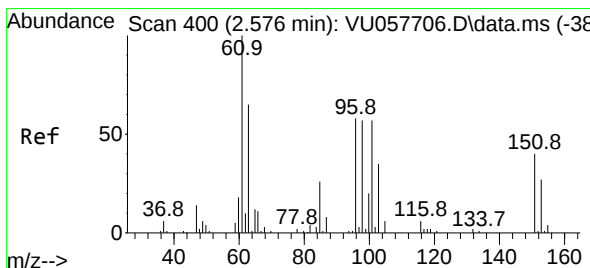
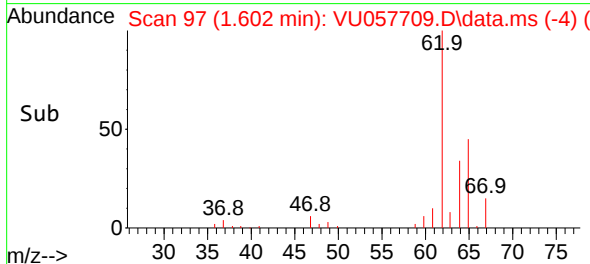
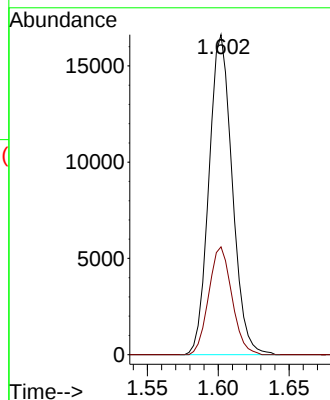
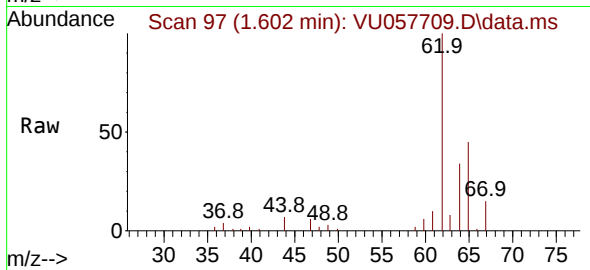
C0FB7

Tgt Ion: 62 Resp: 18988

Ion Ratio Lower Upper

62 100

64 33.7 22.8 42.4



#12

1,1-Dichloroethene

Concen: 1.098 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057709.D

Acq: 29 Jan 2024 12:05

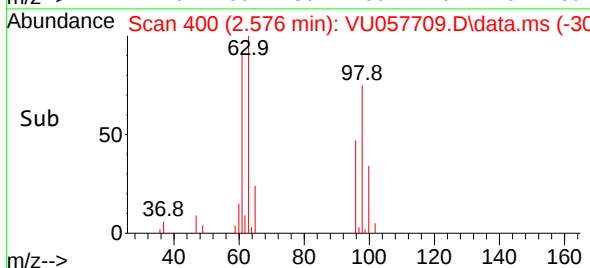
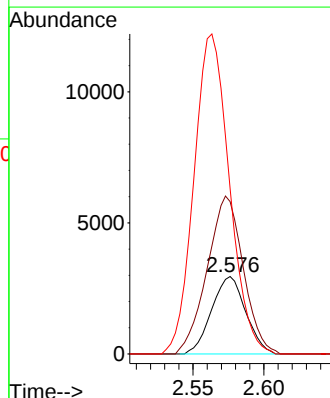
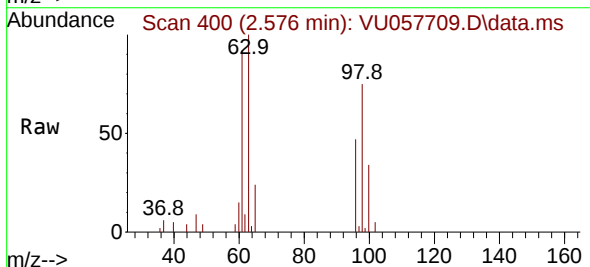
Tgt Ion: 96 Resp: 4936

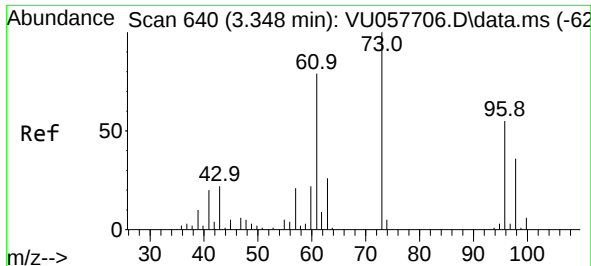
Ion Ratio Lower Upper

96 100

61 196.7 120.7 224.1

63 213.5 72.5 134.7#

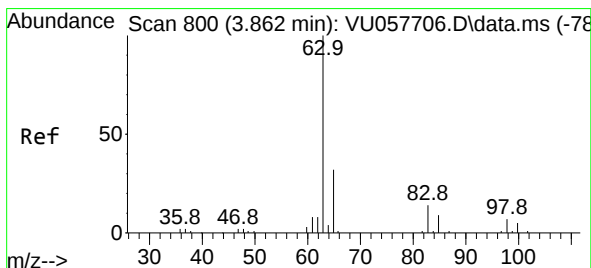
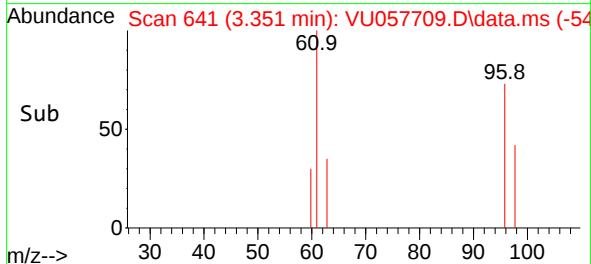
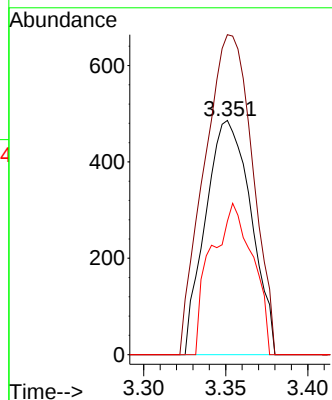
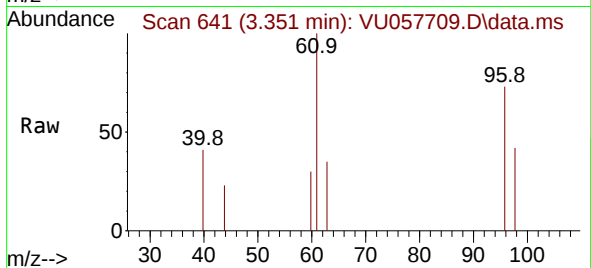




#18
trans-1,2-Dichloroethene
Concen: 0.198 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057709.D
Acq: 29 Jan 2024 12:05

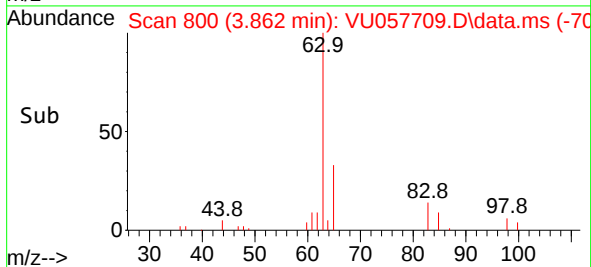
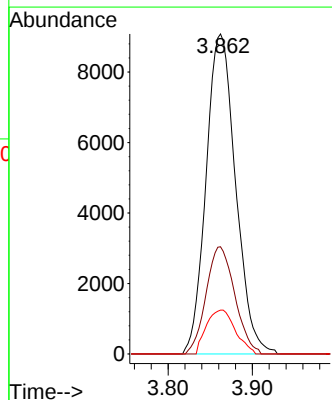
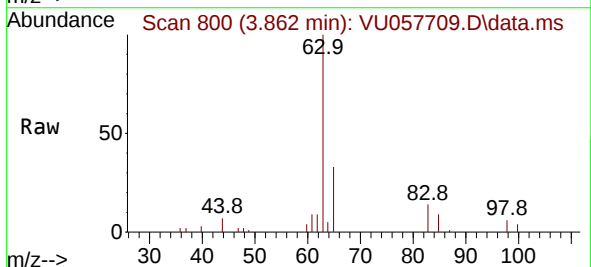
Instrument :
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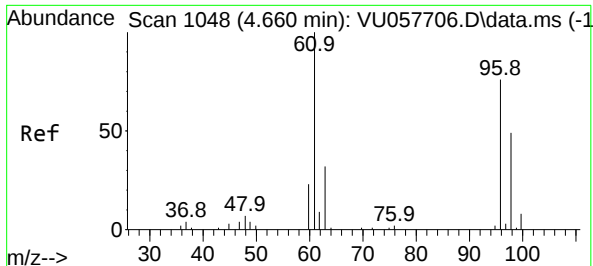
Tgt Ion: 96 Resp: 938
Ion Ratio Lower Upper
96 100
61 136.6 99.3 184.5
98 57.0 44.5 82.7



#19
1,1-Dichloroethane
Concen: 2.531 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057709.D
Acq: 29 Jan 2024 12:05

Tgt Ion: 63 Resp: 22122
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.8
83 13.1 9.7 17.9



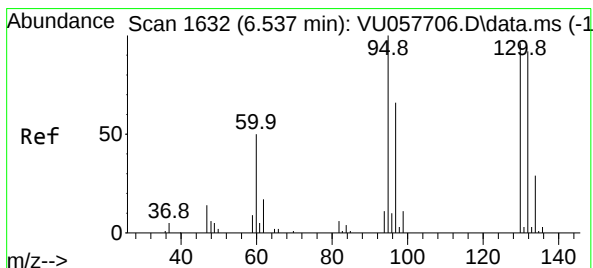
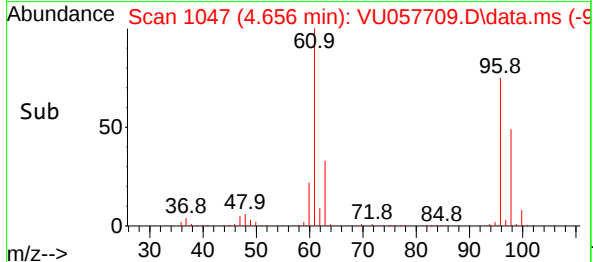
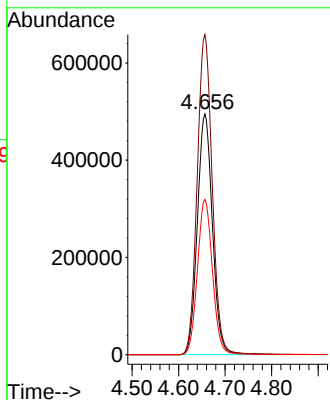
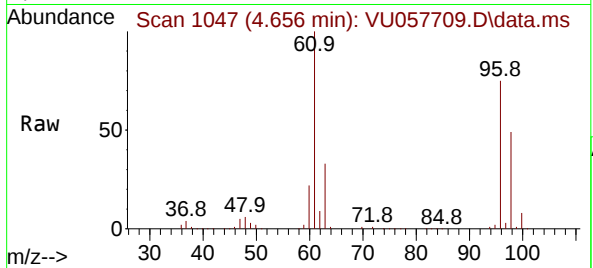


#22
cis-1,2-Dichloroethene
Concen: 219.245 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057709.D
Acq: 29 Jan 2024 12:05

Instrument :
MSVOA_U
ClientSampleId :
C0FB7

Tgt Ion: 96 Resp: 1115583

Ion	Ratio	Lower	Upper
96	100		
61	132.9	92.7	172.1
98	64.5	44.9	83.5



#34
Trichloroethene
Concen: 0.385 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057709.D
Acq: 29 Jan 2024 12:05

Tgt Ion: 95 Resp: 2053

Ion	Ratio	Lower	Upper
95	100		
97	68.1	46.1	85.5
132	92.2	66.1	122.8
130	89.8	68.7	127.5

