

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024731.D
 Acq On : 17 Feb 2022 18:48
 Operator : SY/MD
 Sample : N1510-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M35

Quant Time: Feb 18 07:35:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

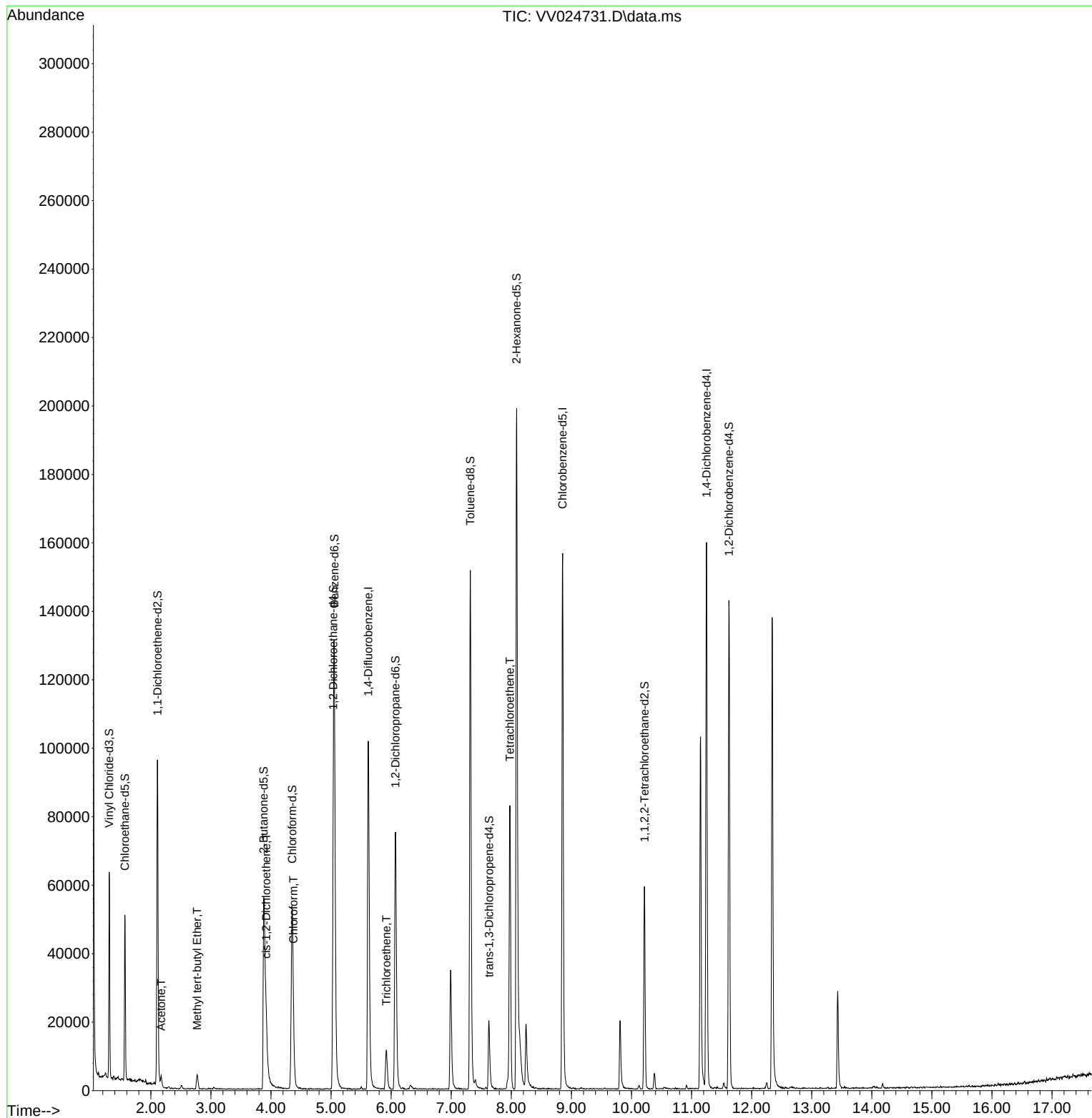
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	89243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	85076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	38281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37268	4.923	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.568	69	30205	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.111	63	49586	3.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.879	46	93533	86.508	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	173.020%#	
24) Chloroform-d	4.352	84	56594	4.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.037	65	33453	6.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	127.000%	
32) Benzene-d6	5.053	84	118097	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.072	67	38297	5.302	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.000%	
41) Toluene-d8	7.317	98	100916	4.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.628	79	12956	5.385	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.600%	
46) 2-Hexanone-d5	8.088	63	69694	73.611	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	147.220%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29804	6.847	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	137.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	35470	5.355	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds					Qvalue	
13) Acetone	2.172	43	3329	4.366	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	4265	0.312	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	6193	0.863	ug/L	96
25) Chloroform	4.371	83	2284	0.176	ug/L	81
34) Trichloroethene	5.921	95	3645	0.478	ug/L	92
47) Tetrachloroethene	7.976	164	17465	3.361	ug/L	96

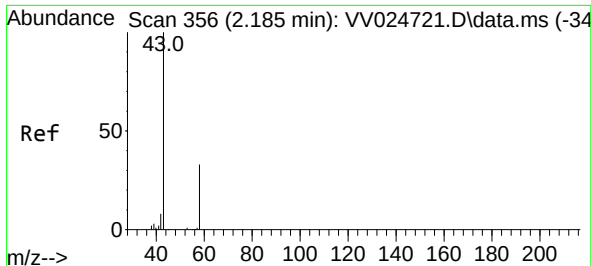
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.366 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

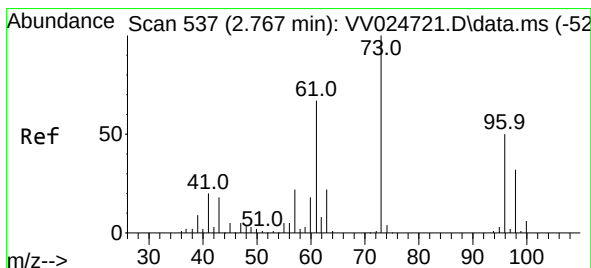
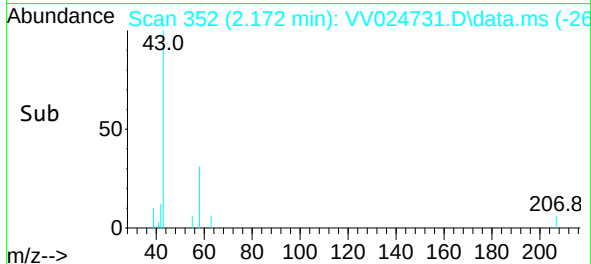
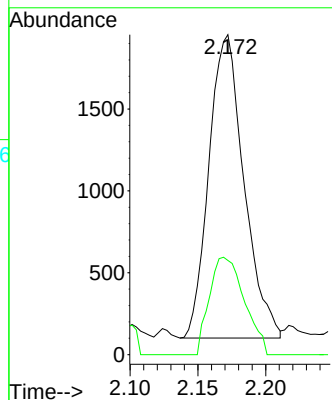
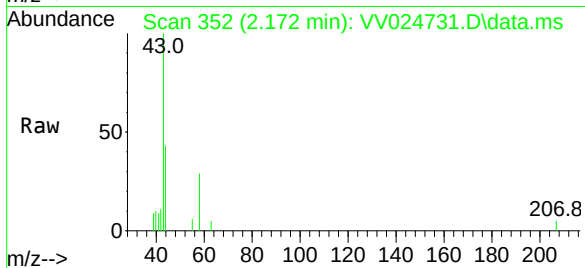
F4M35

Tgt Ion: 43 Resp: 3329

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.312 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV024731.D

Acq: 17 Feb 2022 18:48

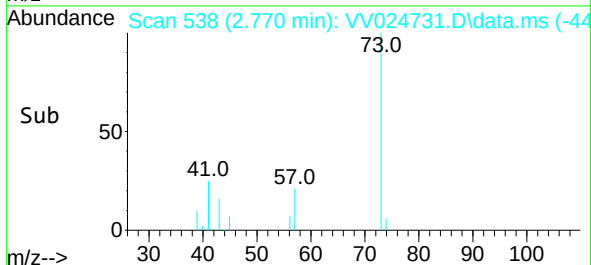
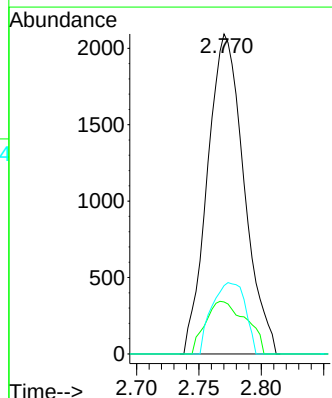
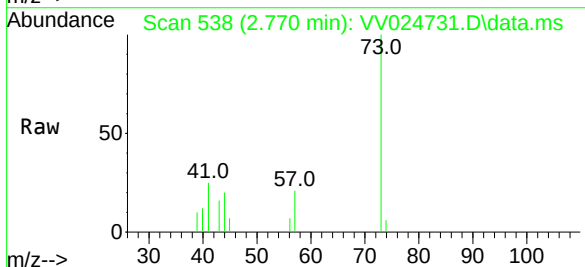
Tgt Ion: 73 Resp: 4265

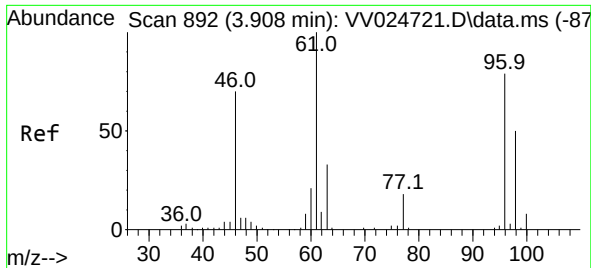
Ion Ratio Lower Upper

73 100

43 18.3 15.1 22.7

57 20.3 17.4 26.2

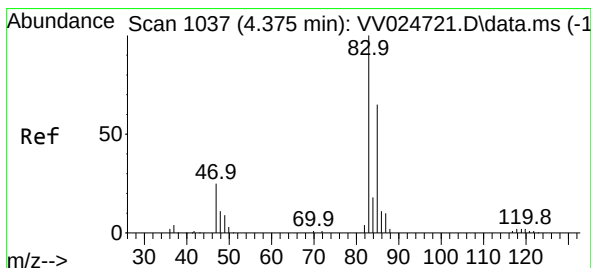
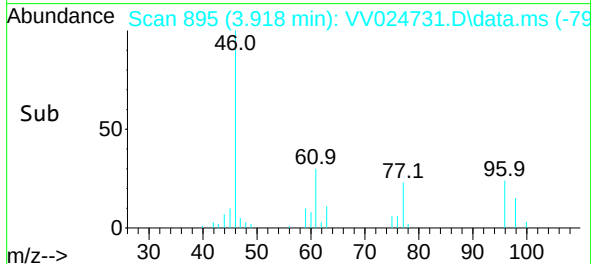
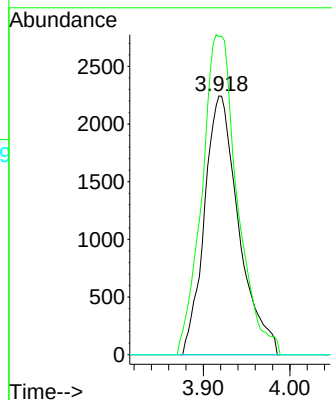
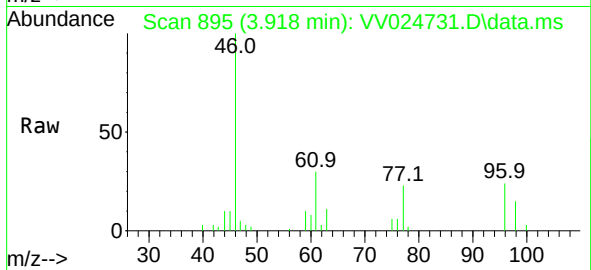




#22
 cis-1,2-Dichloroethene
 Concen: 0.863 ug/L
 RT: 3.918 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024731.D
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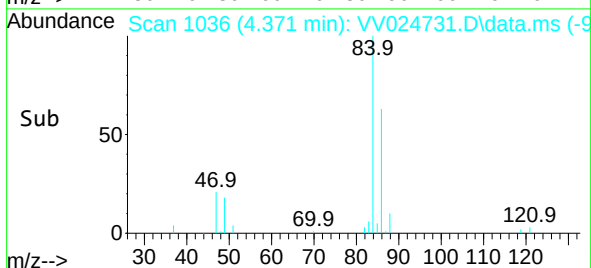
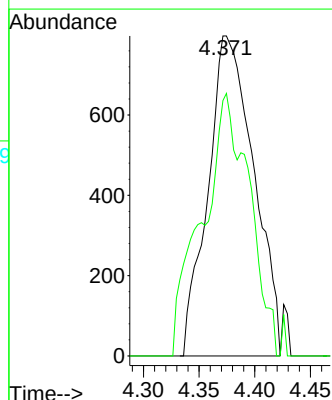
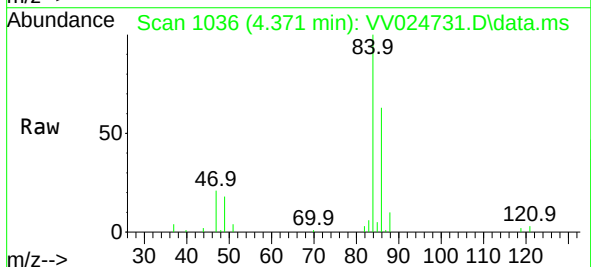
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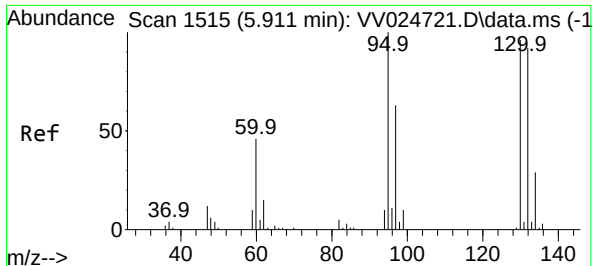
Tgt Ion: 96 Resp: 6193
 Ion Ratio Lower Upper
 96 100
 61 122.9 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.176 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV024731.D
 Acq: 17 Feb 2022 18:48

Tgt Ion: 83 Resp: 2284
 Ion Ratio Lower Upper
 83 100
 85 79.8 45.5 84.5



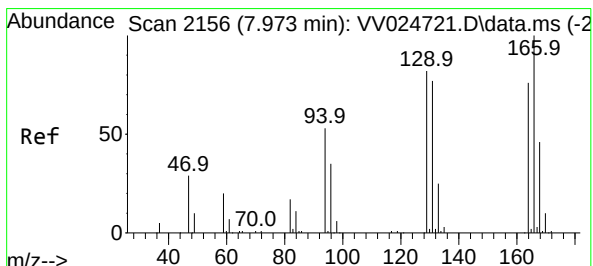
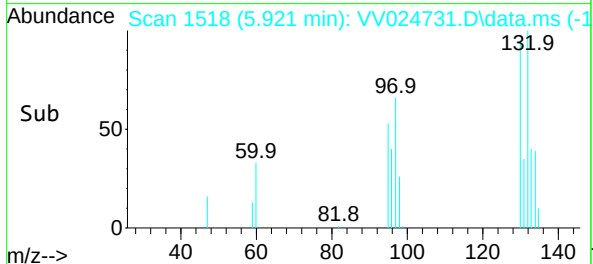
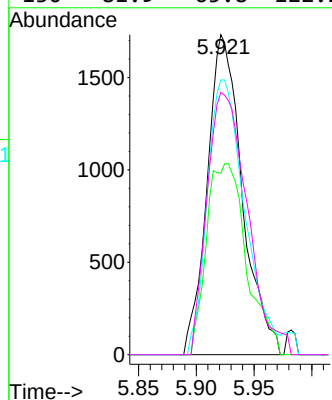
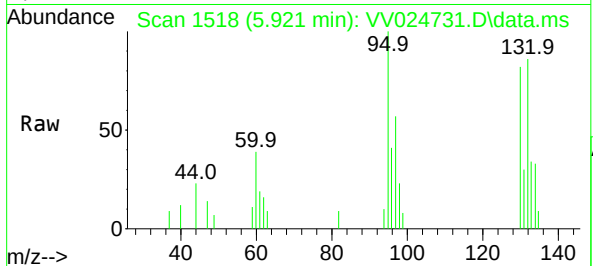


#34
Trichloroethene
Concen: 0.478 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :
F4M35

Tgt Ion: 95 Resp: 3645

Ion	Ratio	Lower	Upper
95	100		
97	56.7	44.2	82.0
132	85.9	62.1	115.3
130	81.9	65.8	122.2



#47
Tetrachloroethene
Concen: 3.361 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024731.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 164 Resp: 17465

Ion	Ratio	Lower	Upper
164	100		
129	99.4	70.3	130.7
131	101.1	67.7	125.7
166	120.0	88.3	164.1

