

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043845.D
 Acq On : 19 May 2021 22:40
 Operator : SY/MD
 Sample : M2459-01 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ7

Quant Time: May 20 03:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

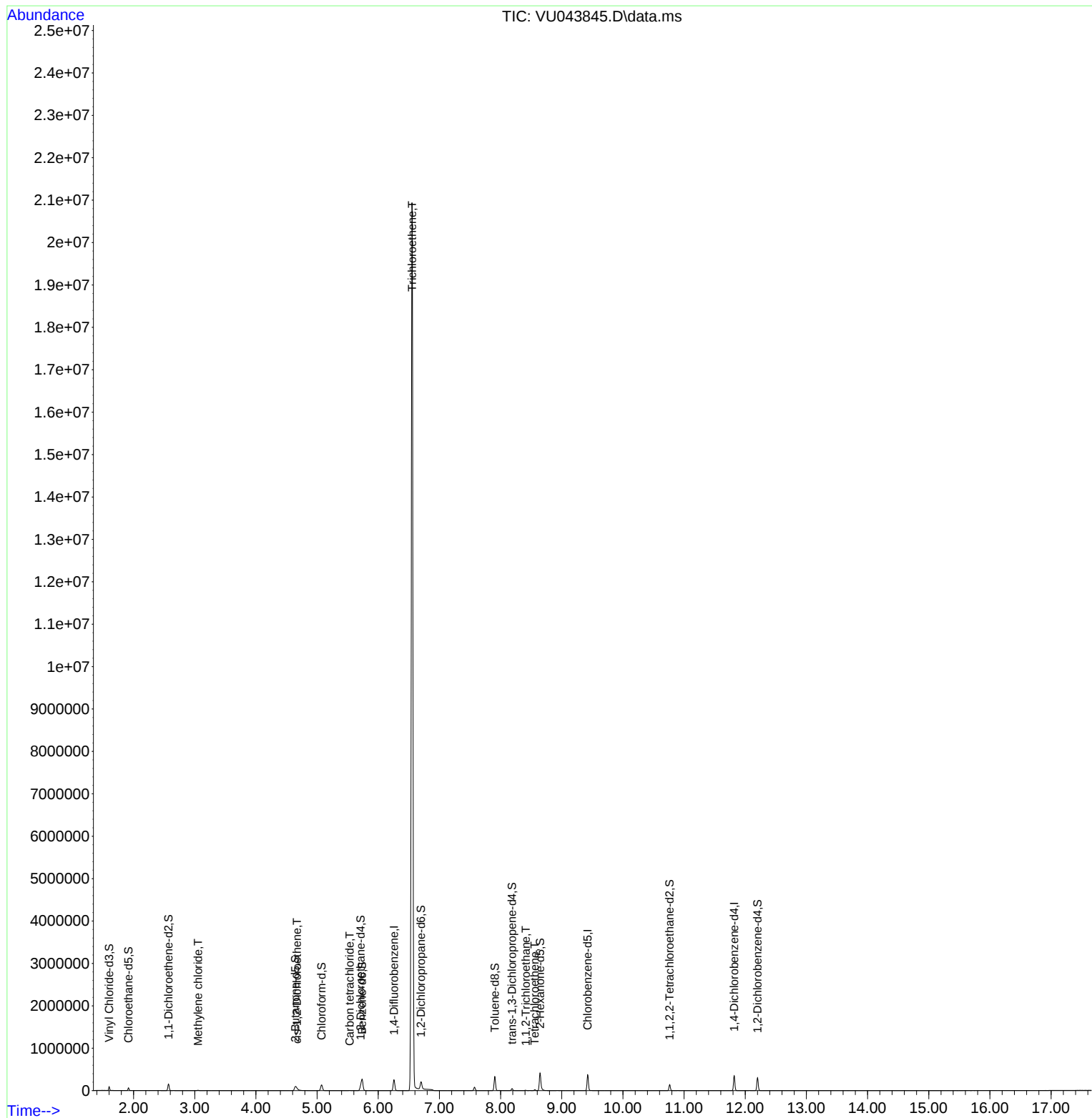
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	211920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	217176	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99794	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	62776	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.916	69	45462	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.571	65	29596	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.645	46	191098	64.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.64%
24) Chloroform-d	5.073	84	127225	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.713	65	66282	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	258735	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	85046	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	220279	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloroprop...	8.185	79	28067	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.645	63	152603	51.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.84%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72165	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	86021	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4193	0.20	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	1969	0.13	ug/L	96
31) Carbon tetrachloride	5.533	117	1890	0.10	ug/L	94
34) Trichloroethene	6.552	95	7372295	457.38	ug/L	99
45) 1,1,2-Trichloroethane	8.410	97	3226	0.27	ug/L	98
47) Tetrachloroethene	8.558	164	5144	0.39	ug/L	99

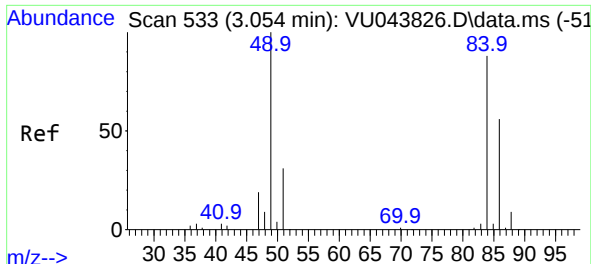
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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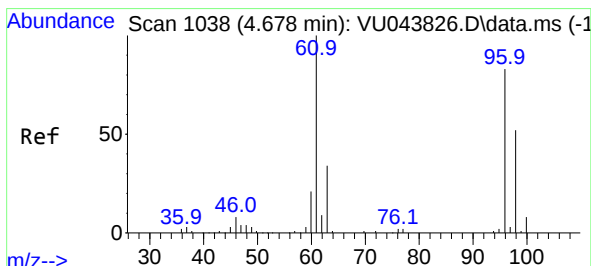
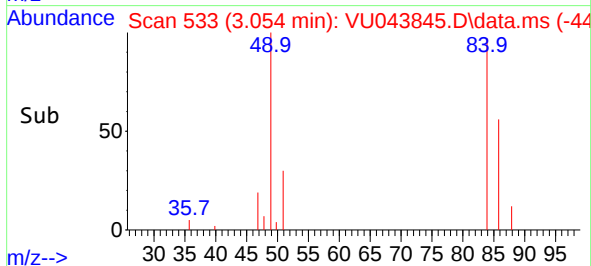
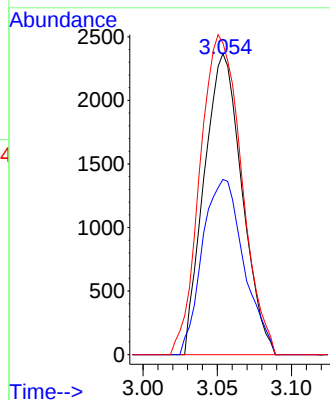
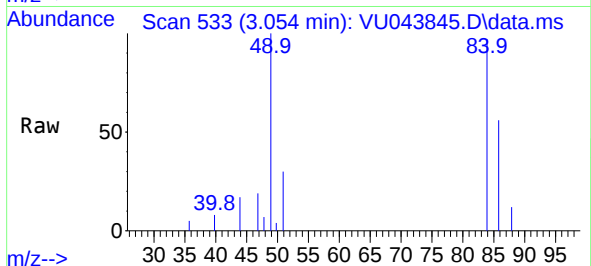


#16
Methylene chloride
Concen: 0.20 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Instrument :
MSVOA_U
ClientSampleId :
C0GJ7

Tgt Ion: 84 Resp: 4193

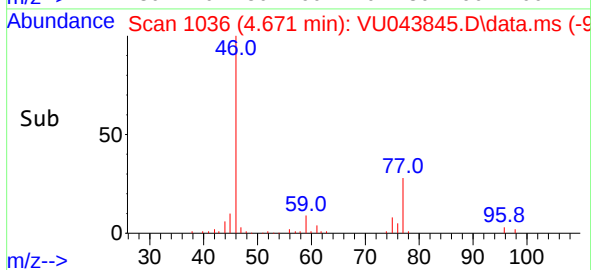
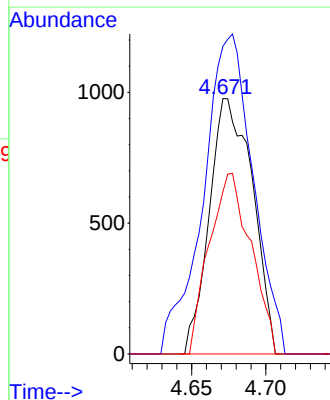
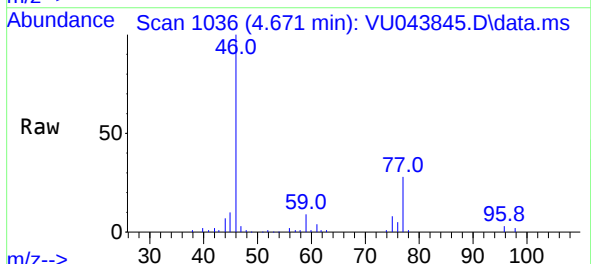
Ion	Ratio	Lower	Upper
84	100		
86	58.2	44.7	82.9
49	108.0	83.1	154.3

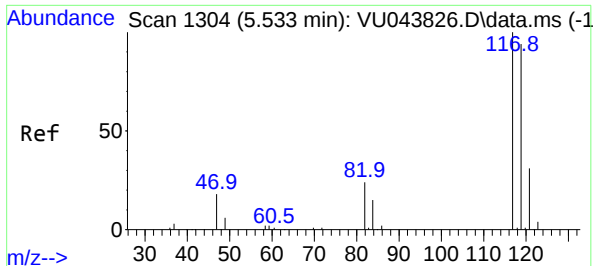


#22
cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 96 Resp: 1969

Ion	Ratio	Lower	Upper
96	100		
61	120.5	89.0	165.4
98	63.5	44.9	83.3

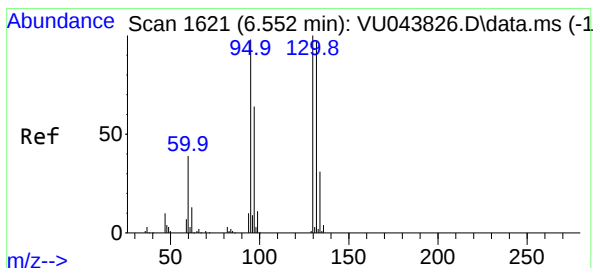
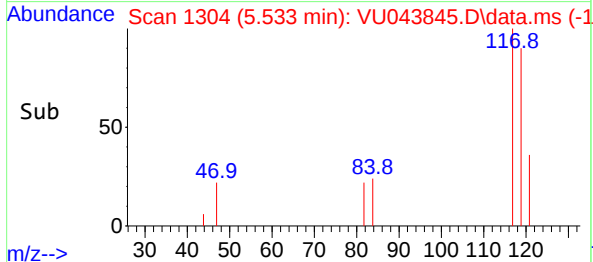
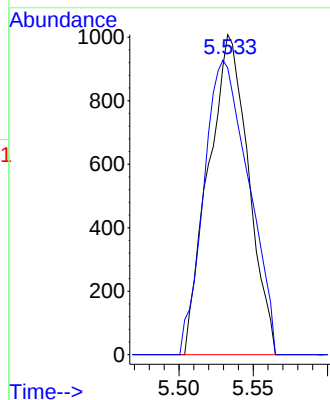
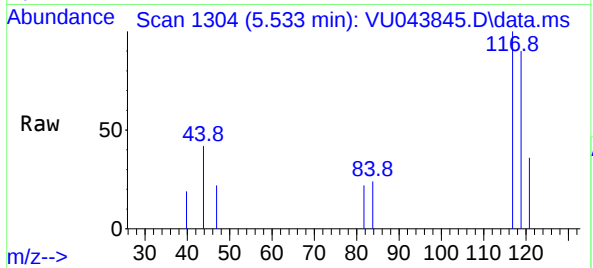




#31
Carbon tetrachloride
Concen: 0.10 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

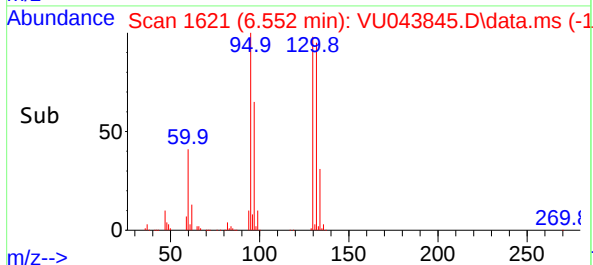
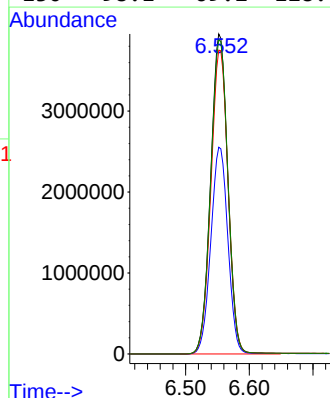
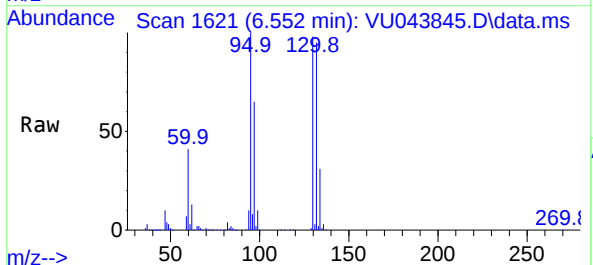
Instrument :
MSVOA_U
ClientSampleId :
C0GJ7

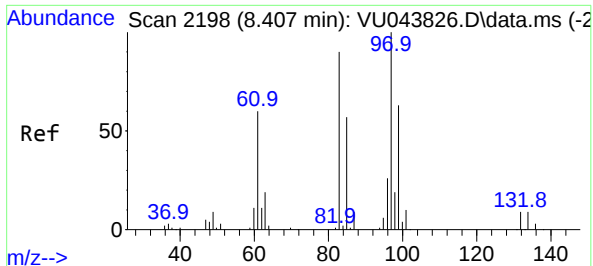
Tgt Ion:117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 103.0 77.4 116.0



#34
Trichloroethene
Concen: 457.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 95 Resp: 7372295
Ion Ratio Lower Upper
95 100
97 64.6 44.3 82.3
132 94.9 66.0 122.6
130 98.1 69.2 128.6



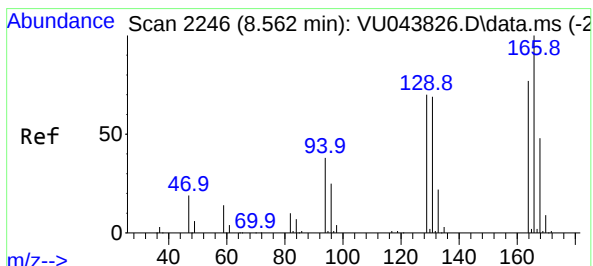
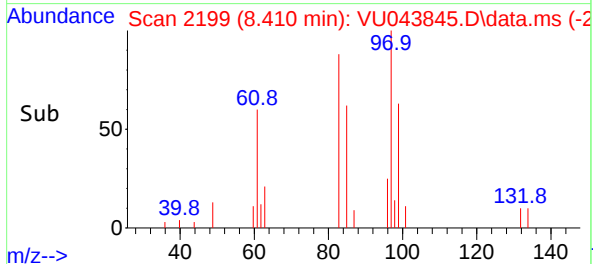
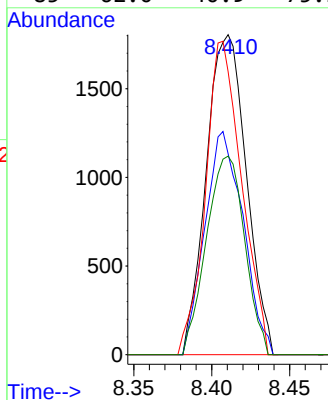
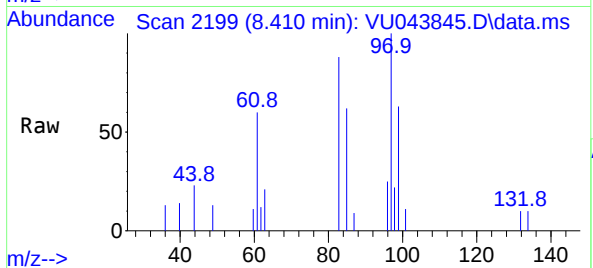


#45
1,1,2-Trichloroethane
Concen: 0.27 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Instrument :
MSVOA_U
ClientSampleId :
C0GJ7

Tgt Ion: 97 Resp: 3226

Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.4
83	88.5	62.5	116.1
85	62.0	40.9	75.9



#47
Tetrachloroethene
Concen: 0.39 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043845.D
Acq: 19 May 2021 22:40

Tgt Ion: 164 Resp: 5144

Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.1	119.1
131	86.2	61.2	113.8
166	124.9	87.8	163.2

