

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047689.D
 Acq On : 25 Mar 2022 21:49
 Operator : SY/MD
 Sample : N2082-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW606

Quant Time: Mar 26 04:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

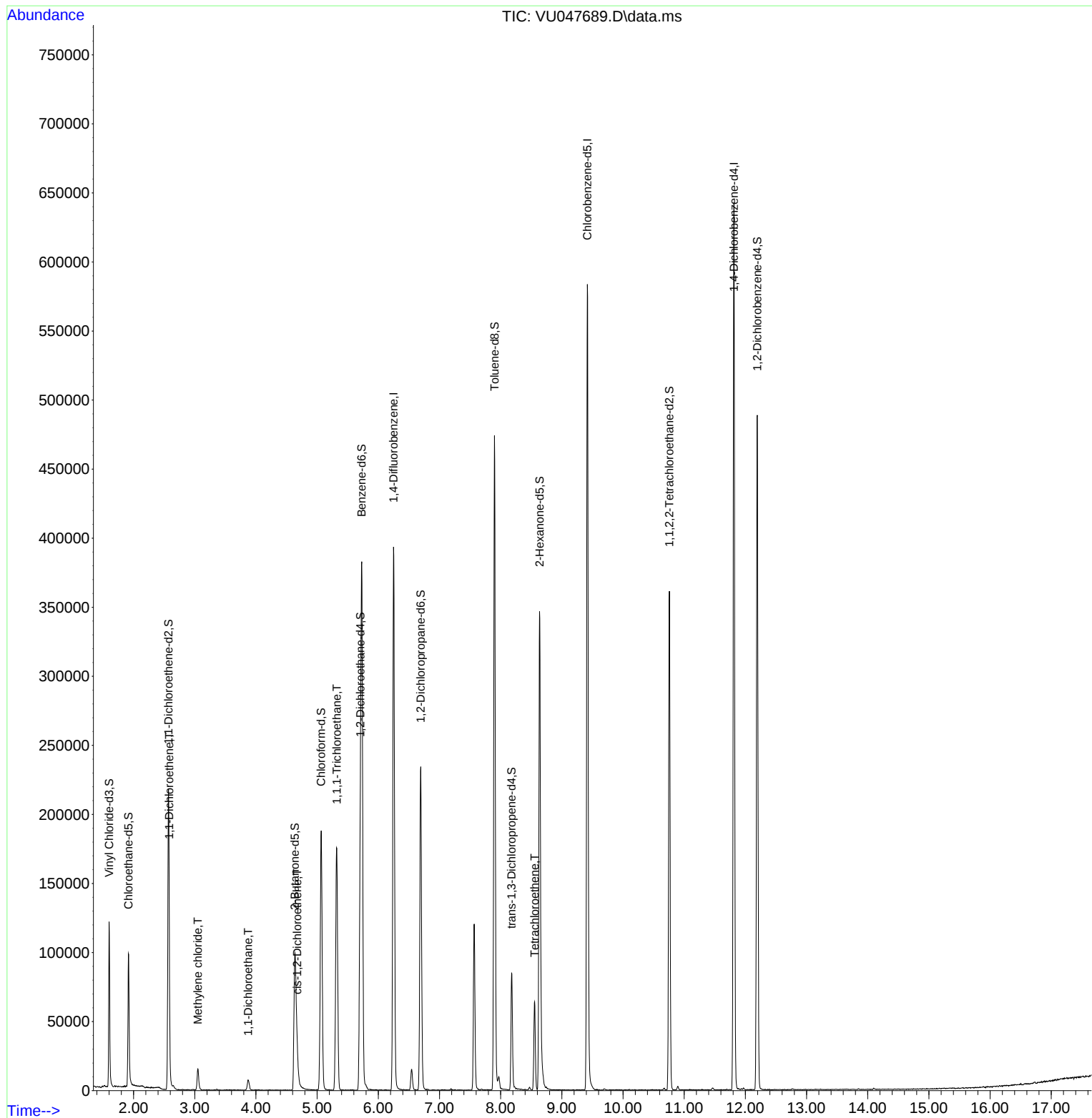
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86666	35.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.740%
7) Chloroethane-d5	1.916	69	74781	39.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.500%
11) 1,1-Dichloroethene-d2	2.572	63	125732	28.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.880%#
21) 2-Butanone-d5	4.636	46	171241	82.572	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.570%
24) Chloroform-d	5.067	84	173844	39.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.640%
26) 1,2-Dichloroethane-d4	5.707	65	111630	41.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
32) Benzene-d6	5.729	84	354853	41.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	6.694	67	113147	42.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.899	98	323234	38.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.080%#
43) trans-1,3-Dichloroprop...	8.179	79	48337	36.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.180%
47) 2-Hexanone-d5	8.636	63	123288	79.663	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176405	38.881	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	138388	43.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	4756	2.081	ug/L	# 1
16) Methylene chloride	3.051	84	7666	2.923	ug/L	91
19) 1,1-Dichloroethane	3.874	63	9261	2.178	ug/L	96
20) cis-1,2-Dichloroethene	4.674	96	5080	1.880	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	128288	33.072	ug/L	99
46) Tetrachloroethene	8.555	164	15290	6.554	ug/L	97

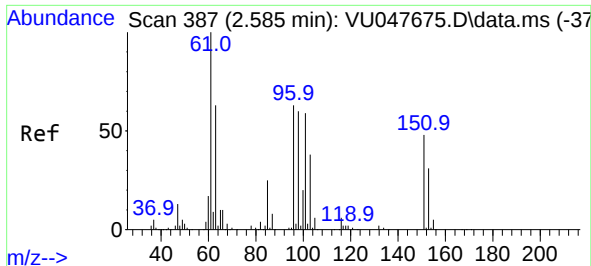
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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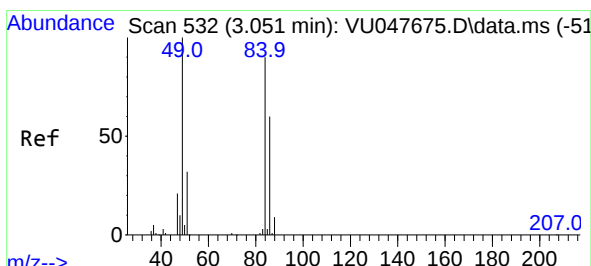
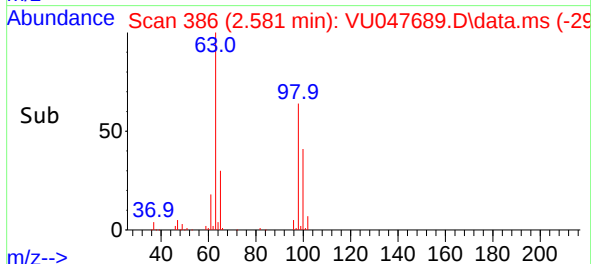
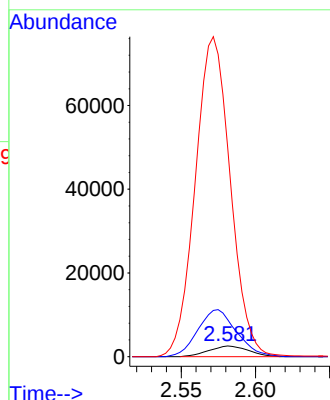
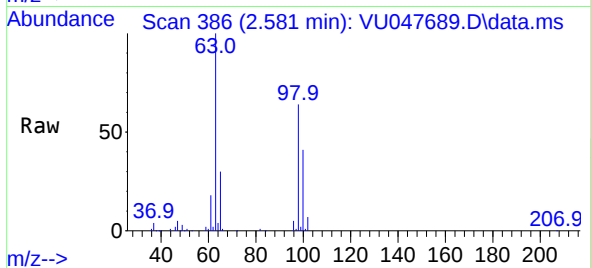




#12
1,1-Dichloroethene
Concen: 2.081 ug/L
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

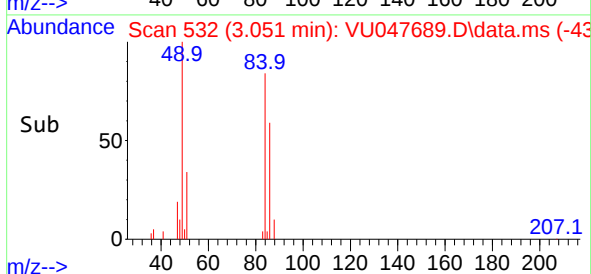
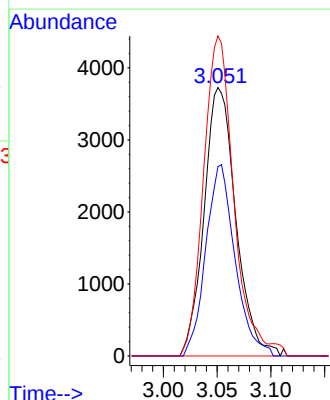
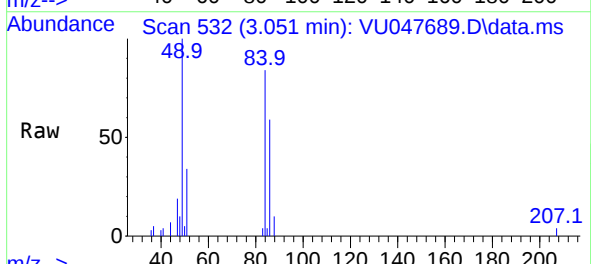
Instrument :
MSVOA_U
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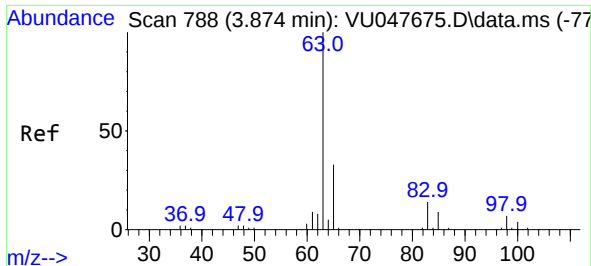
Tgt Ion: 96 Resp: 4756
Ion Ratio Lower Upper
96 100
61 347.2 113.1 210.1#
63 1956.2 94.8 176.0#



#16
Methylene chloride
Concen: 2.923 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

Tgt Ion: 84 Resp: 7666
Ion Ratio Lower Upper
84 100
86 70.5 46.0 85.4
49 119.2 75.3 139.8

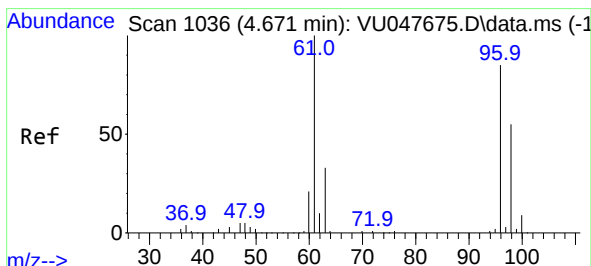
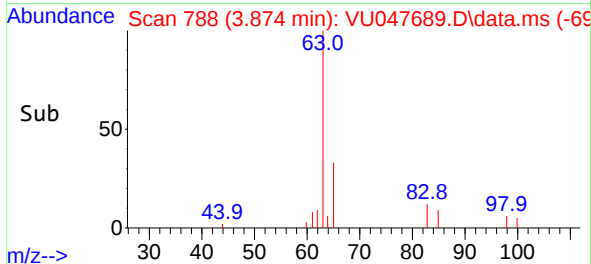
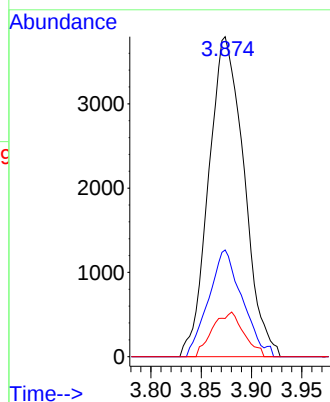
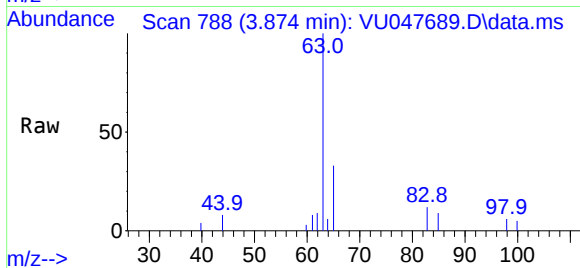




#19
1,1-Dichloroethane
Concen: 2.178 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

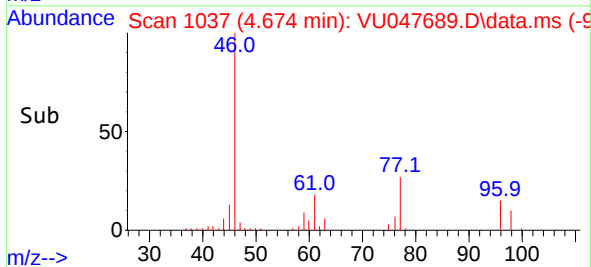
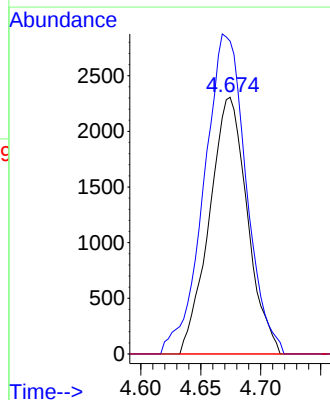
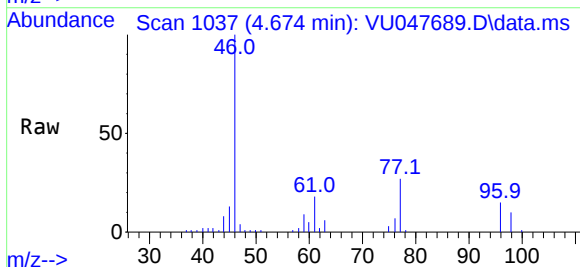
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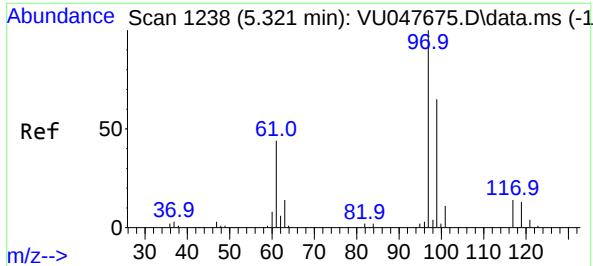
Tgt Ion: 63 Resp: 9261
Ion Ratio Lower Upper
63 100
65 33.4 22.0 41.0
83 12.0 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 1.880 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

Tgt Ion: 96 Resp: 5080
Ion Ratio Lower Upper
96 100
61 121.9 80.7 149.9
68 0.0 0.0 0.0



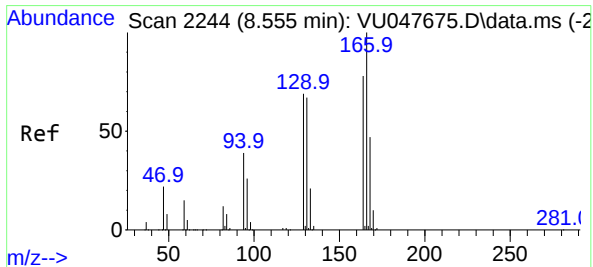
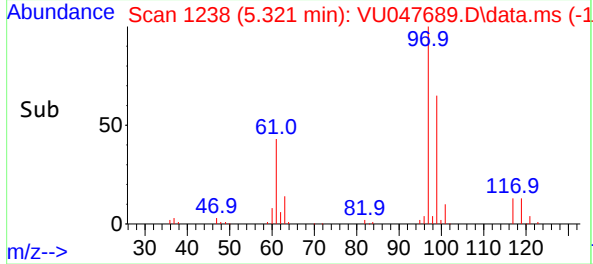
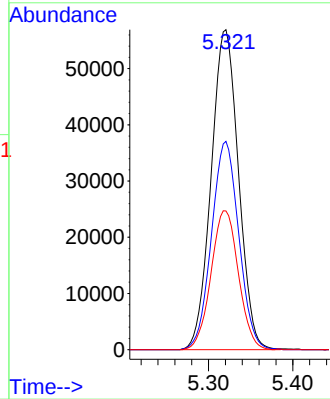
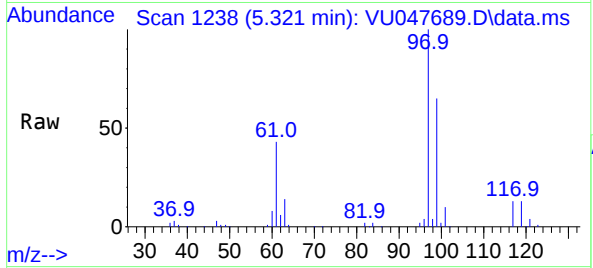


#30
1,1,1-Trichloroethane
Concen: 33.072 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047689.D
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Tgt Ion: 97 Resp: 128288

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	43.5	34.2	51.4



#46
Tetrachloroethene
Concen: 6.554 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

Tgt Ion: 164 Resp: 15290

Ion	Ratio	Lower	Upper
164	100		
129	85.1	62.4	116.0
131	86.2	60.7	112.7
166	122.7	89.0	165.4

