

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047420.D
 Acq On : 09 Mar 2022 21:30
 Operator : SY/MD
 Sample : N1861-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATL8

Quant Time: Mar 10 01:08:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

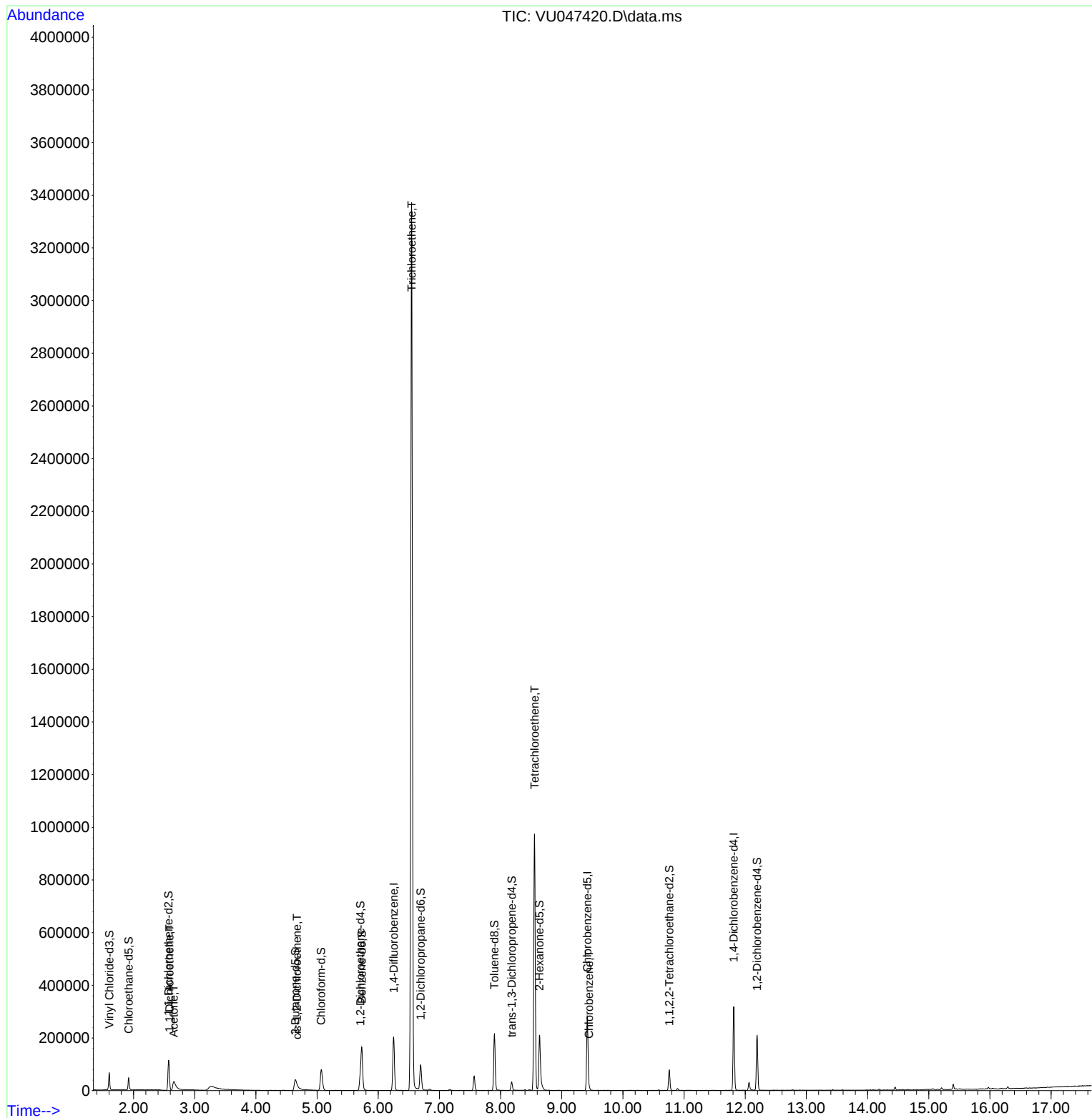
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	176352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45819	4.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.919	69	33732	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.572	65	20769	4.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.645	46	90574	53.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	5.067	84	72514	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.706	65	38003	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	156168	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.694	67	46633	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.899	98	149964	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.182	79	19192	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.636	63	87398	50.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37813	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	58713	5.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	2991	0.289	ug/L	# 1
13) Acetone	2.658	43	86858	55.515	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	1085	0.088	ug/L	94
34) Trichloroethene	6.546	95	1132770	94.131	ug/L	98
47) Tetrachloroethene	8.555	164	229444	22.475	ug/L	98
51) Chlorobenzene	9.446	112	4944	0.151	ug/L	95

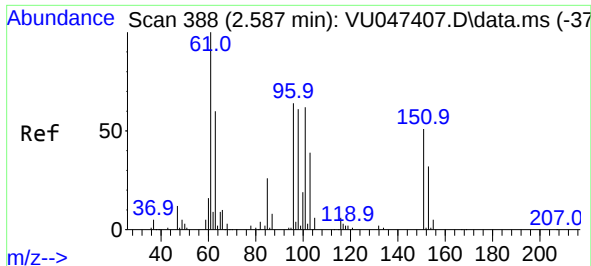
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 10 00:51:00 2022
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#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 2.588 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Instrument :

MSVOA_U

ClientSampleId :

YATL8

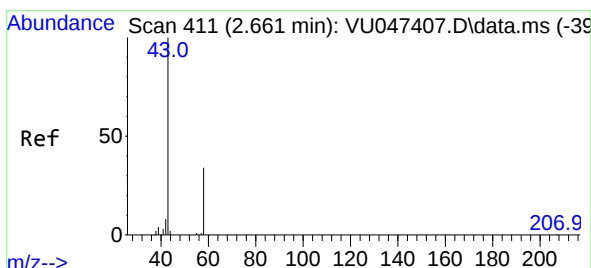
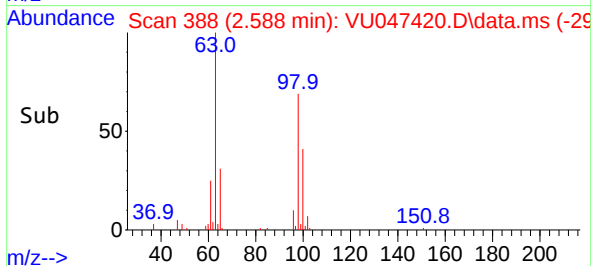
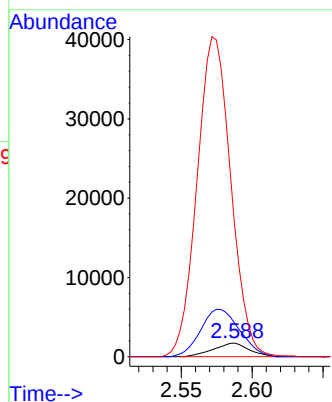
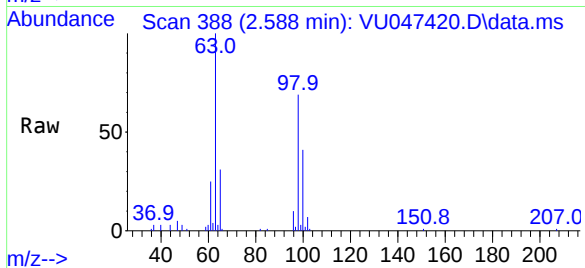
Tgt Ion: 96 Resp: 2991

Ion Ratio Lower Upper

96 100

61 245.5 108.8 202.0#

63 963.7 64.0 119.0#



#13

Acetone

Concen: 55.515 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU047420.D

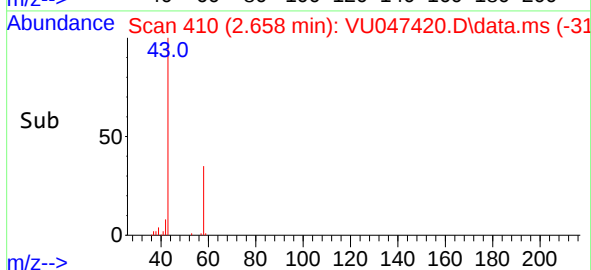
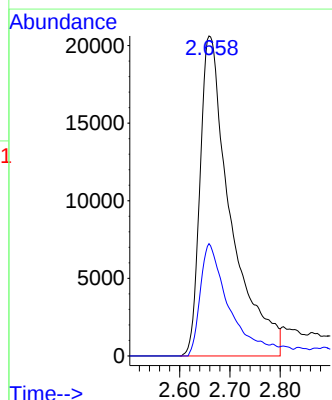
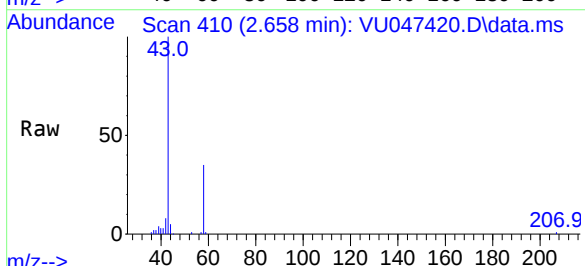
Acq: 09 Mar 2022 21:30

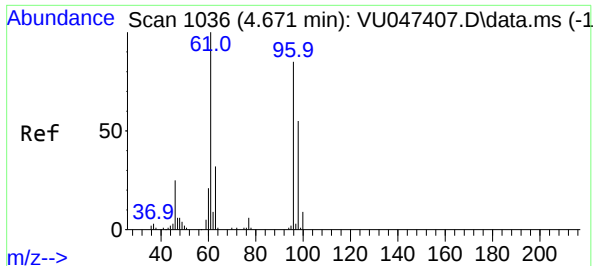
Tgt Ion: 43 Resp: 86858

Ion Ratio Lower Upper

43 100

58 32.5 0.0 72.6





#22

cis-1,2-Dichloroethene

Concen: 0.088 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Instrument :

MSVOA_U

ClientSampleId :

YATL8

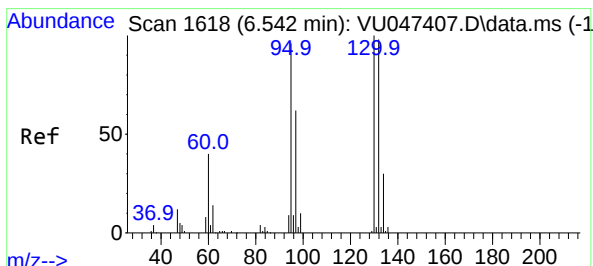
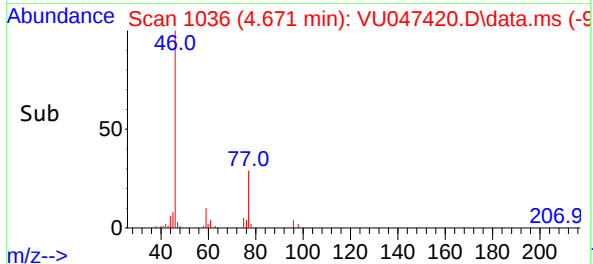
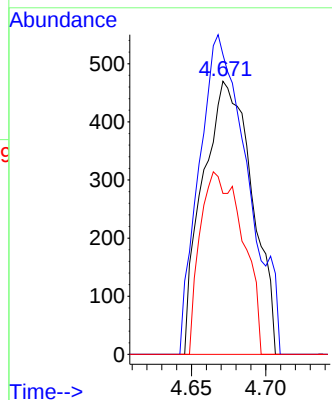
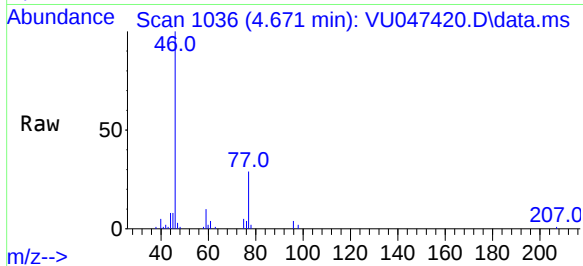
Tgt Ion: 96 Resp: 1085

Ion Ratio Lower Upper

96 100

61 109.8 80.8 150.0

98 58.9 44.7 83.1



#34

Trichloroethene

Concen: 94.131 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU047420.D

Acq: 09 Mar 2022 21:30

Tgt Ion: 95 Resp: 1132770

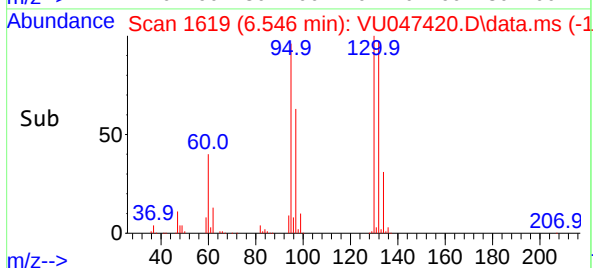
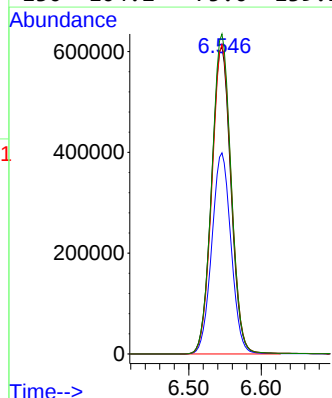
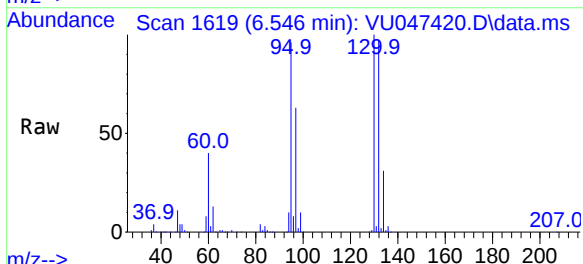
Ion Ratio Lower Upper

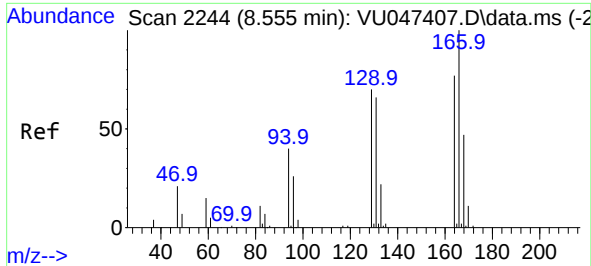
95 100

97 65.5 46.3 85.9

132 100.7 71.7 133.1

130 104.2 75.0 139.2



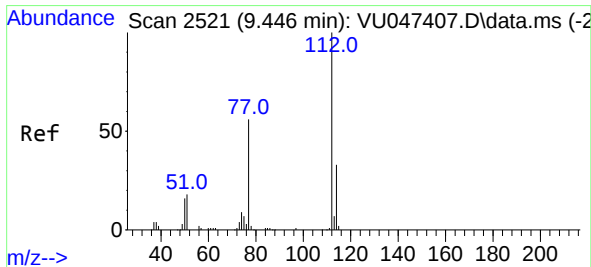
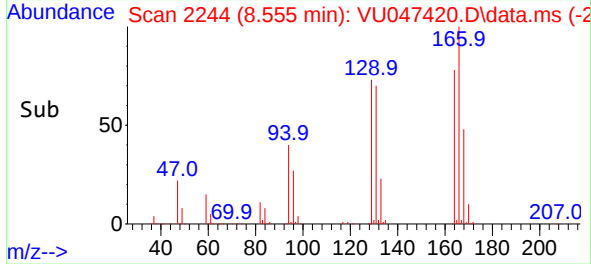
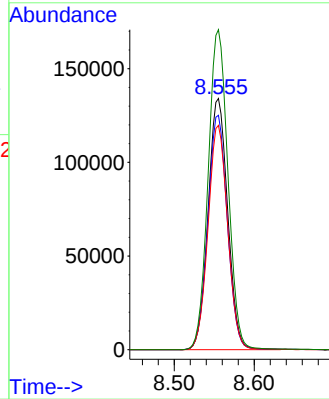
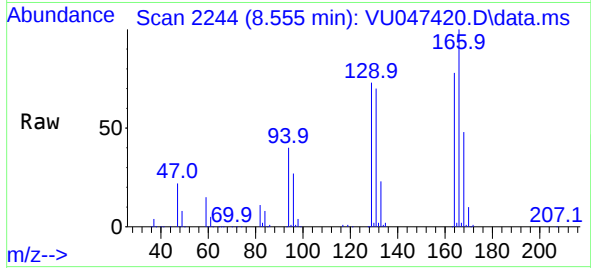


#47
Tetrachloroethene
Concen: 22.475 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047420.D
Acq: 09 Mar 2022 21:30

Instrument :
MSVOA_U
ClientSampleId :
YATL8

Tgt Ion:164 Resp: 229444

Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.9	120.5
131	89.3	63.6	118.2
166	127.4	91.4	169.8



#51
Chlorobenzene
Concen: 0.151 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU047420.D
Acq: 09 Mar 2022 21:30

Tgt Ion:112 Resp: 4944

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.8	42.4
77	60.6	45.0	67.6

