

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056294.D
 Acq On : 14 Nov 2023 09:24
 Operator : MD/SY
 Sample : 05371-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN6

Quant Time: Nov 15 00:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

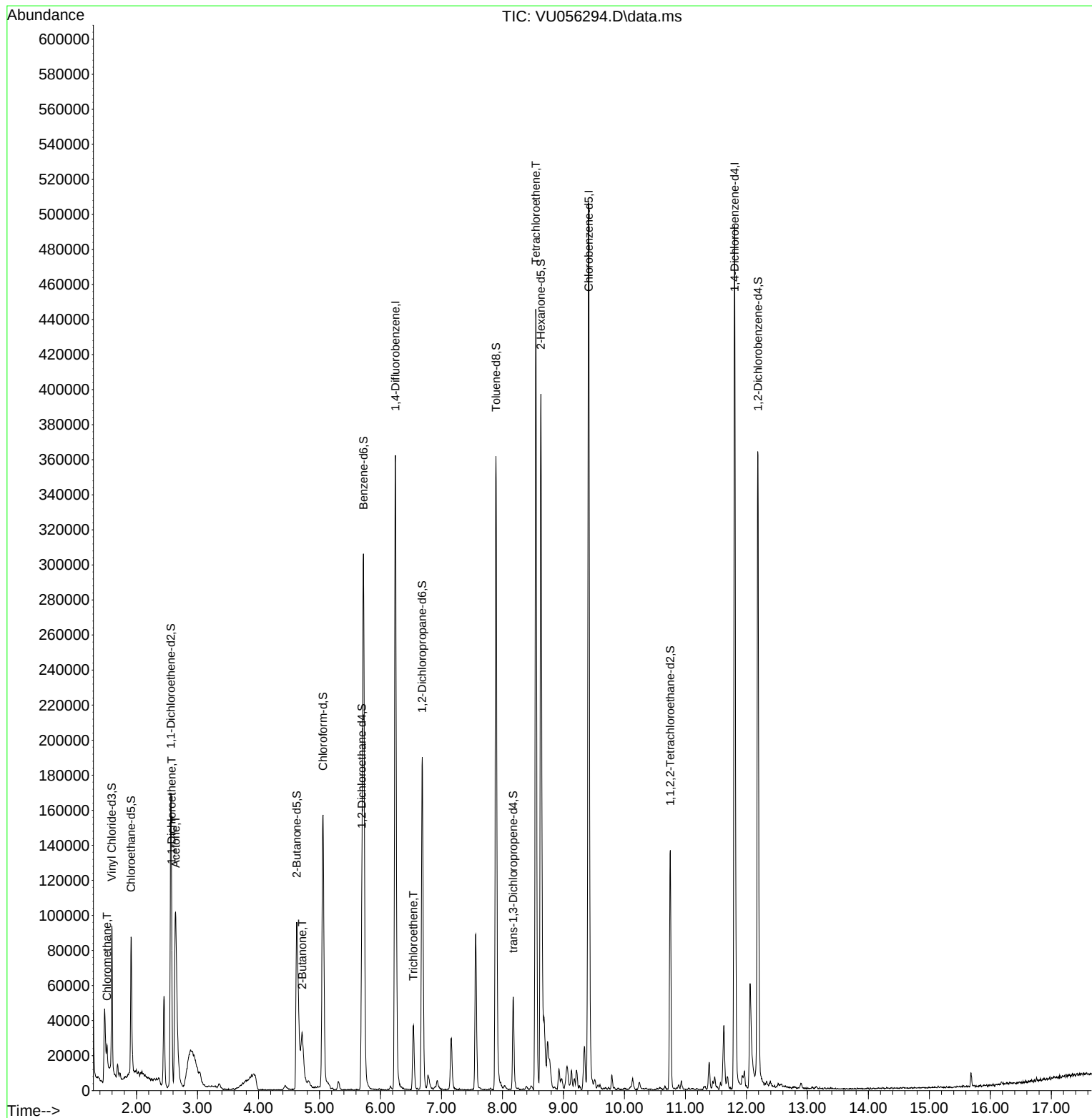
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	296635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59268	2.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.400%
7) Chloroethane-d5	1.911	69	58230	3.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.563	65	30713	3.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.628	46	177029	40.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.020%
24) Chloroform-d	5.058	84	150771	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.695	65	72679	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.721	84	294761	3.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.400%#
36) 1,2-Dichloropropane-d6	6.685	67	93060	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.600%
41) Toluene-d8	7.894	98	250668	3.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.177	79	31366	3.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.631	63	142082	35.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69497	3.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	97436	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	7649	0.318	ug/L	93
12) 1,1-Dichloroethene	2.576	96	5391	0.297	ug/L #	1
13) Acetone	2.641	43	180396	47.875	ug/L	98
21) 2-Butanone	4.718	43	51296	10.491	ug/L	93
34) Trichloroethene	6.541	95	13218	0.579	ug/L	95
47) Tetrachloroethene	8.547	164	92613	6.019	ug/L	97

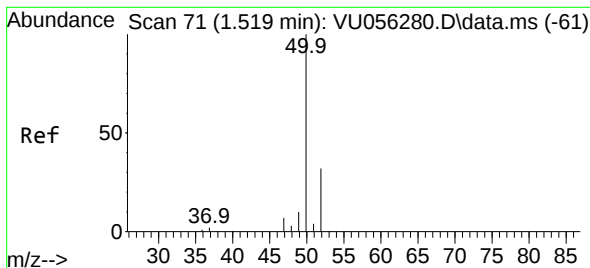
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 15 00:09:07 2023
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#3

Chloromethane

Concen: 0.318 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Instrument :

MSVOA_U

ClientSampleId :

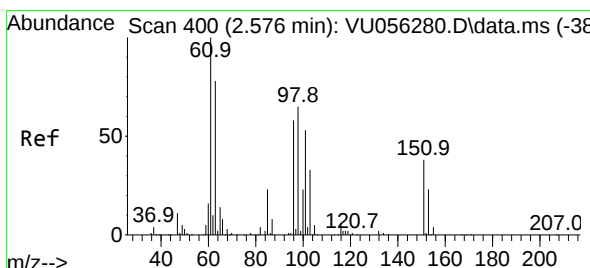
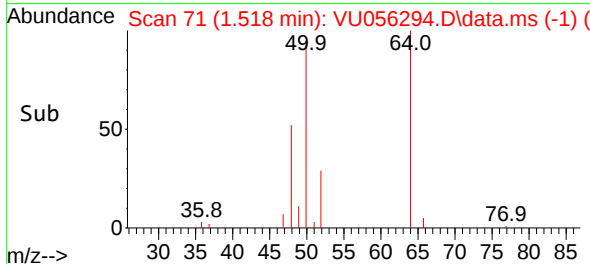
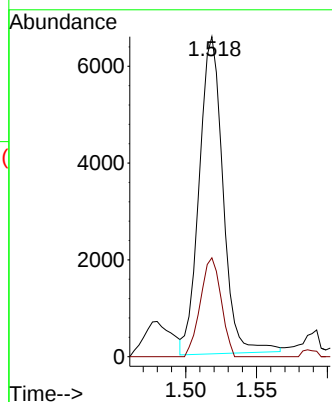
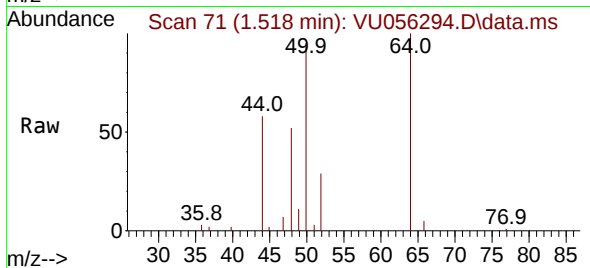
GCDN6

Tgt Ion: 50 Resp: 7649

Ion Ratio Lower Upper

50 100

52 30.9 24.3 45.1



#12

1,1-Dichloroethene

Concen: 0.297 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056294.D

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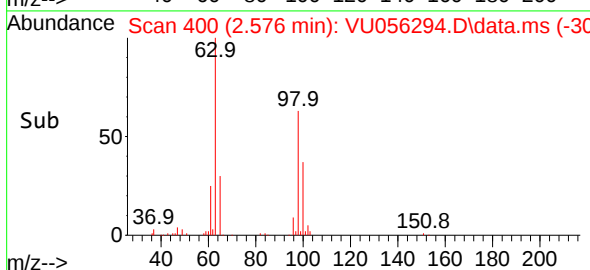
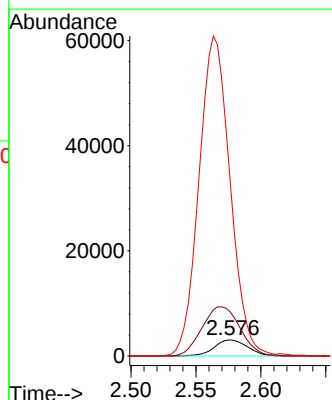
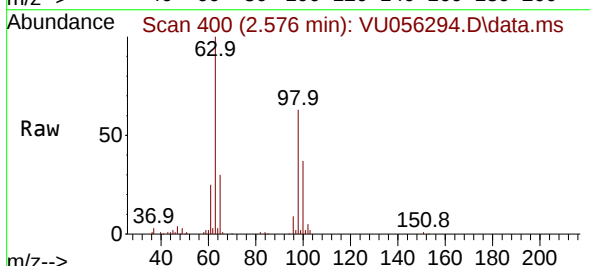
Tgt Ion: 96 Resp: 5391

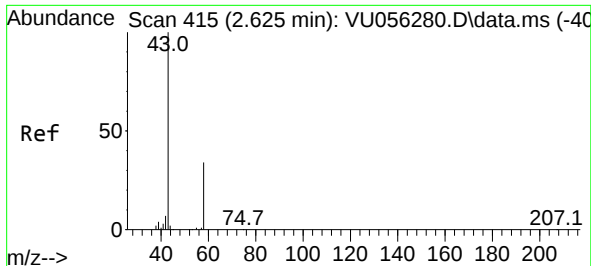
Ion Ratio Lower Upper

96 100

61 275.8 123.1 228.7#

63 1100.4 93.3 173.3#

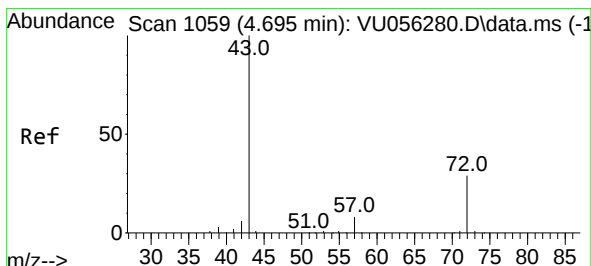
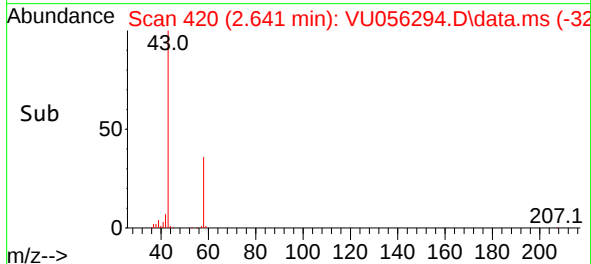
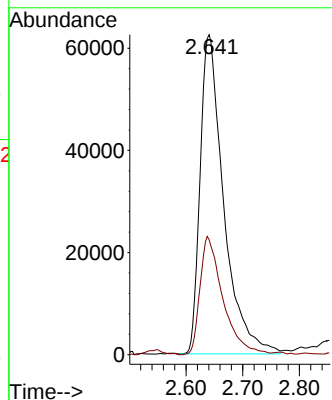
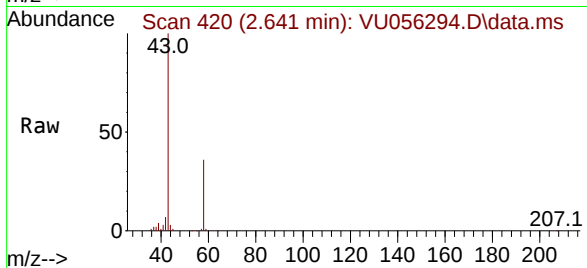




#13
Acetone
Concen: 47.875 ug/L
RT: 2.641 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

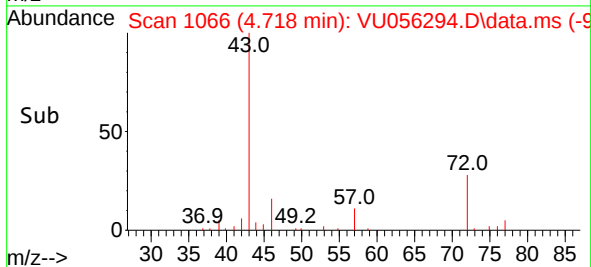
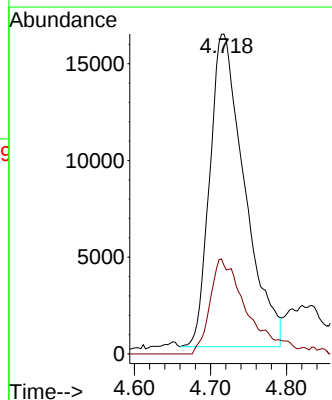
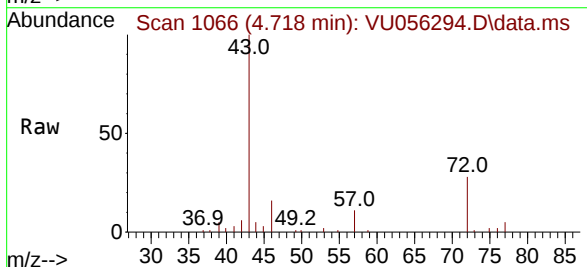
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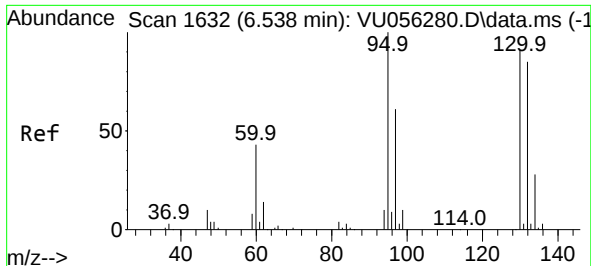
Tgt Ion: 43 Resp: 180396
Ion Ratio Lower Upper
43 100
58 36.0 0.0 70.0



#21
2-Butanone
Concen: 10.491 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.022 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Tgt Ion: 43 Resp: 51296
Ion Ratio Lower Upper
43 100
72 32.3 14.2 42.6



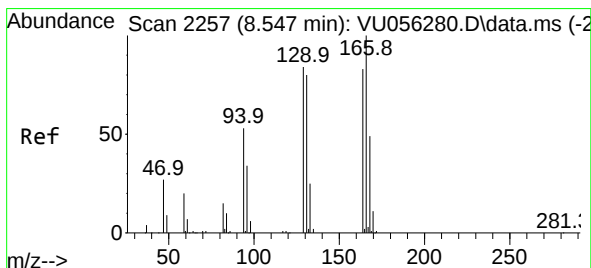
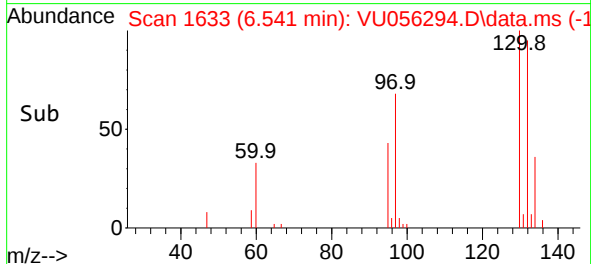
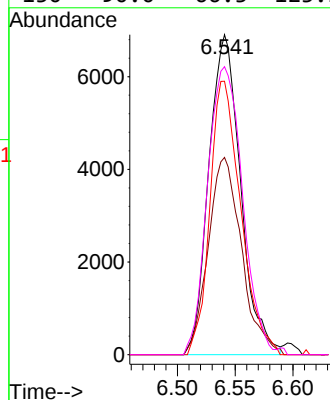
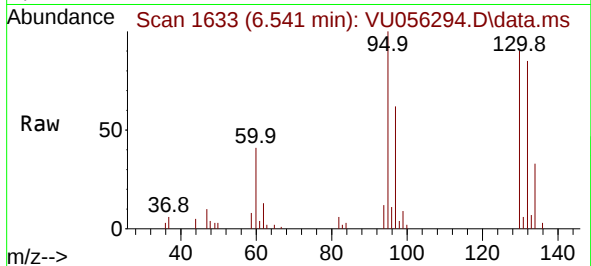


#34
Trichloroethene
Concen: 0.579 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :
GCDN6

Tgt Ion: 95 Resp: 13218

Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.5	86.3
132	85.4	62.0	115.2
130	90.0	66.3	123.1



#47
Tetrachloroethene
Concen: 6.019 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Tgt Ion: 164 Resp: 92613

Ion	Ratio	Lower	Upper
164	100		
129	106.1	71.0	131.9
131	99.2	70.3	130.7
166	124.0	89.8	166.8

