

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037618.D
 Acq On : 27 Sep 2024 19:56
 Operator : SY/MD
 Sample : P4184-18DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY044DL

Quant Time: Sep 28 04:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

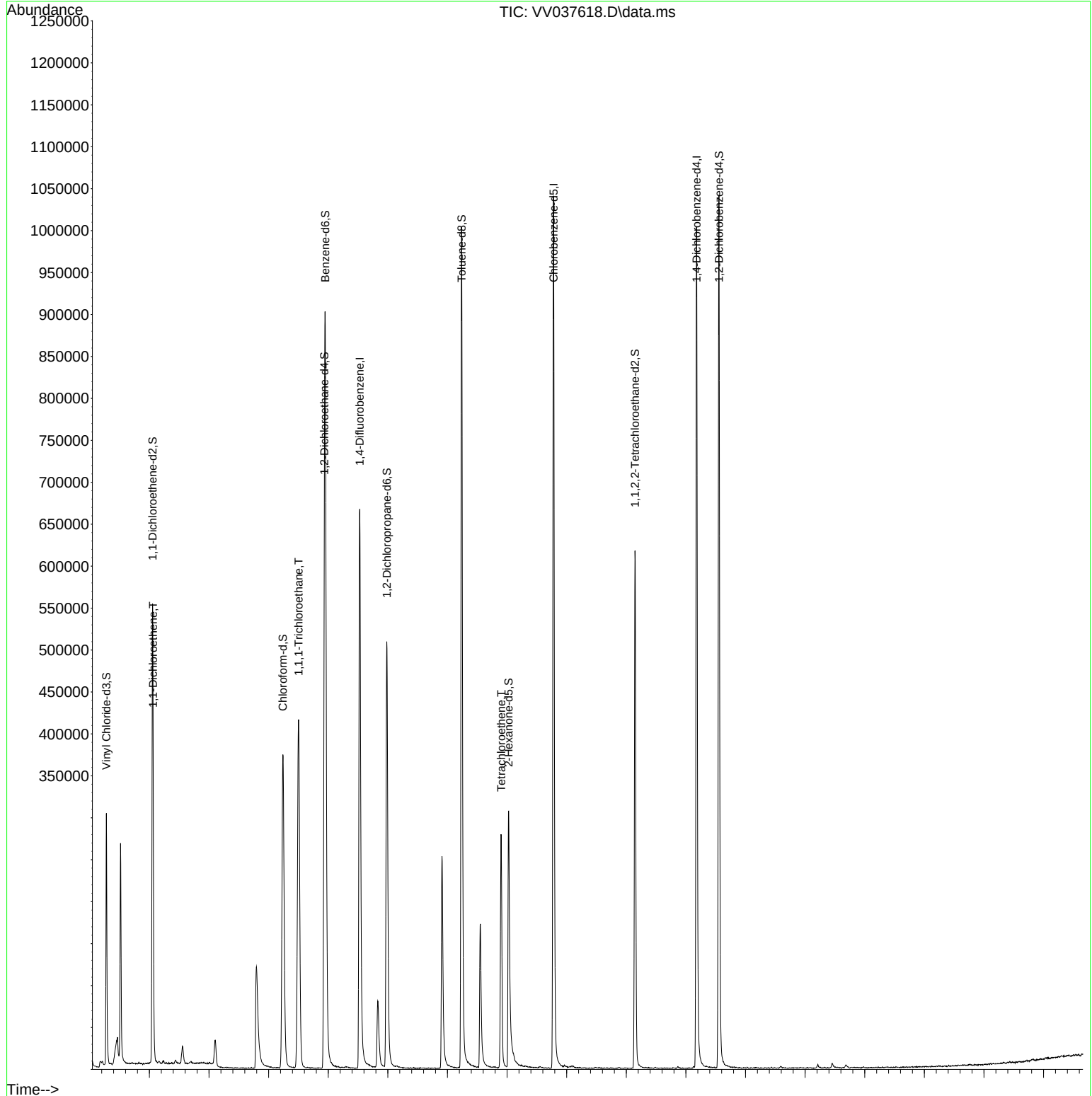
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	605248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	583213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	268627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	206450	38.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.720%		
7) Chloroethane-d5	1.516	69	172903	41.925	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.860%		
11) 1,1-Dichloroethene-d2	2.053	65	92430	41.640	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.280%		
21) 2-Butanone-d5	3.793	46	171865	90.817	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.820%		
24) Chloroform-d	4.239	84	404397	42.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.560%		
26) 1,2-Dichloroethane-d4	4.934	65	245324	44.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.680%		
32) Benzene-d6	4.950	84	793024	43.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
36) 1,2-Dichloropropane-d6	5.982	67	256256	44.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.200%		
41) Toluene-d8	7.236	98	681258	41.167	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.340%		
43) trans-1,3-Dichloroprop...	7.551	79	109386	40.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.040%		
47) 2-Hexanone-d5	8.024	63	106648	86.910	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.910%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	299213	44.313	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.620%		
66) 1,2-Dichlorobenzene-d4	11.554	152	267168	47.199	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.063	96	10983	2.726	ug/L	# 1
19) 1,1-Dichloroethane	3.101	63	29188	3.574	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	11329	2.375	ug/L	92
30) 1,1,1-Trichloroethane	4.503	97	345823	48.144	ug/L	99
34) Trichloroethene	5.831	95	29012	6.194	ug/L	97
46) Tetrachloroethene	7.902	164	62516	17.456	ug/L	96

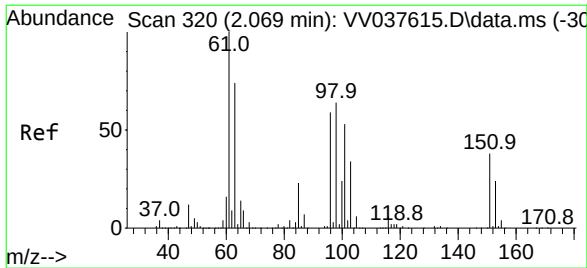
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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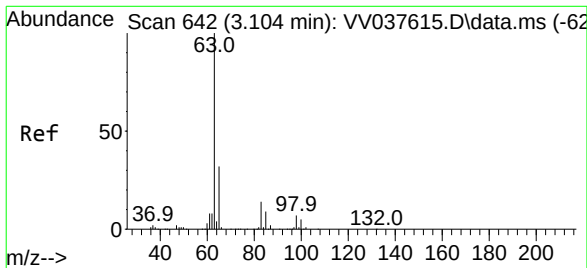
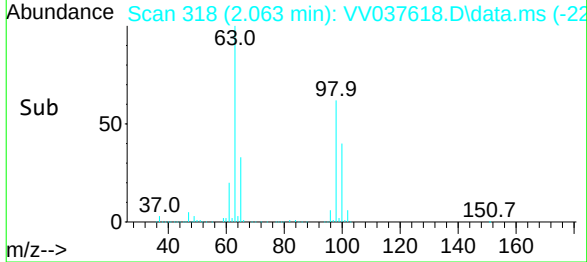
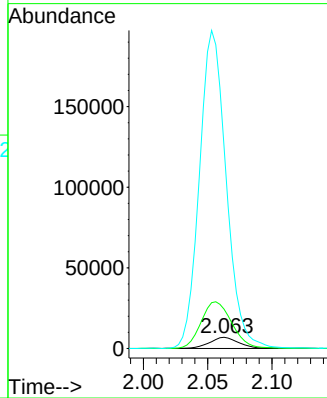
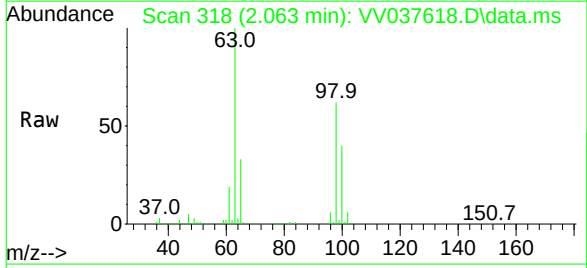




#12
1,1-Dichloroethene
Concen: 2.726 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV037618.D
Acq: 27 Sep 2024 19:56

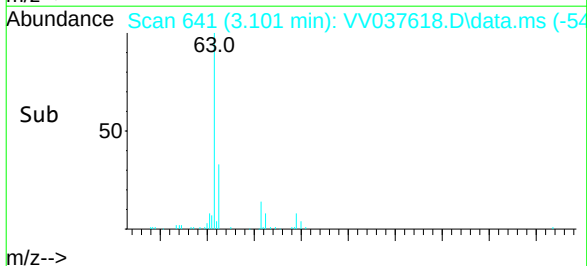
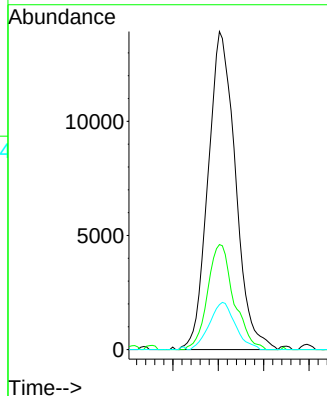
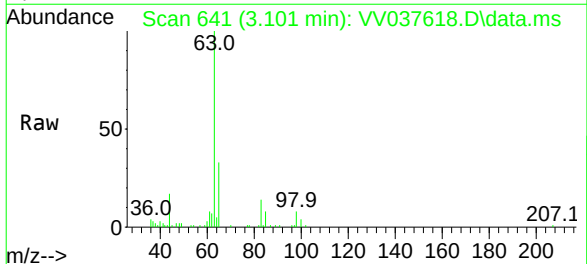
Instrument :
MSVOA_V
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EY044DL

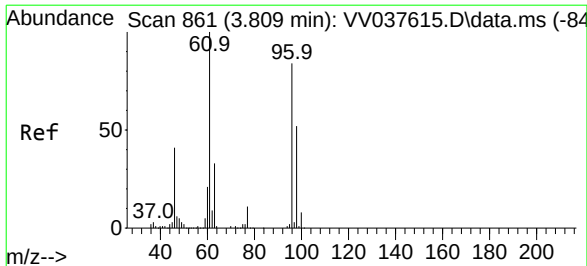
Tgt Ion: 96 Resp: 10983
Ion Ratio Lower Upper
96 100
61 350.9 122.6 227.6#
63 1800.5 118.0 219.2#



#19
1,1-Dichloroethane
Concen: 3.574 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037618.D
Acq: 27 Sep 2024 19:56

Tgt Ion: 63 Resp: 29188
Ion Ratio Lower Upper
63 100
65 33.0 22.4 41.6
83 14.1 9.5 17.7

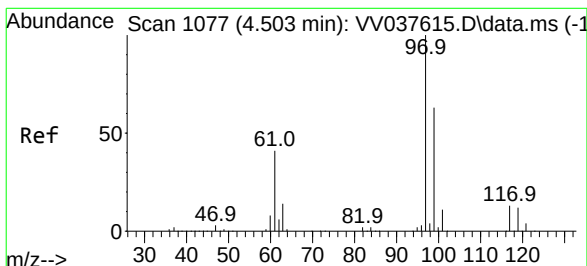
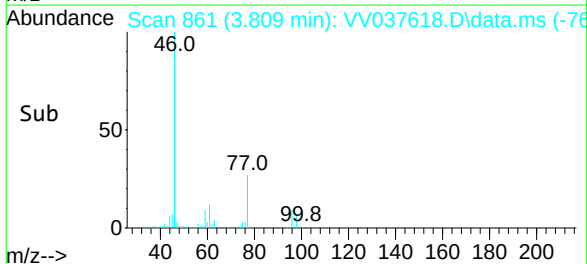
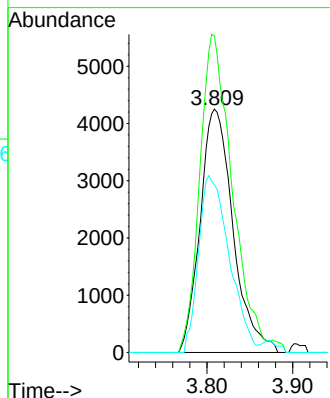
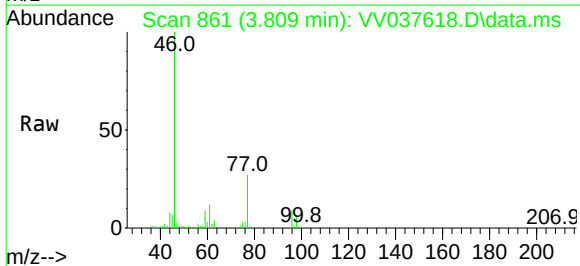




#20
cis-1,2-Dichloroethene
Concen: 2.375 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV037618.D
Acq: 27 Sep 2024 19:56

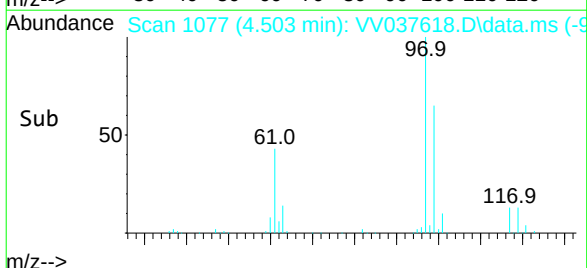
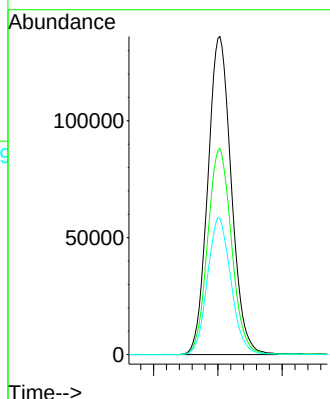
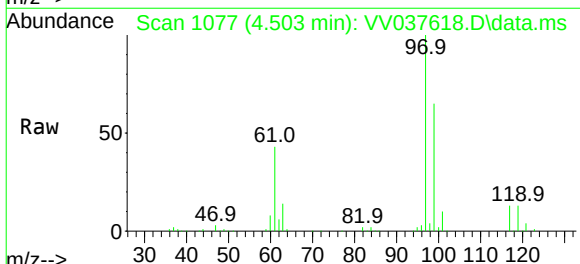
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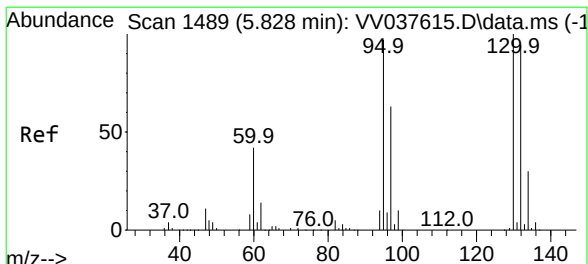
Tgt Ion: 96 Resp: 11329
Ion Ratio Lower Upper
96 100
61 130.1 85.0 157.8
98 68.9 44.2 82.0



#30
1,1,1-Trichloroethane
Concen: 48.144 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037618.D
Acq: 27 Sep 2024 19:56

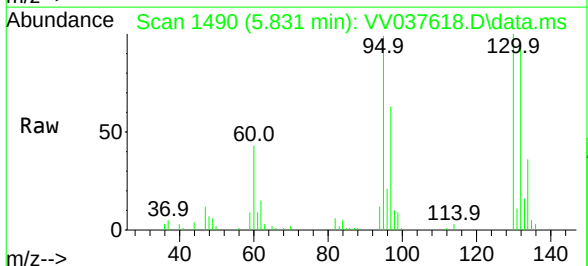
Tgt Ion: 97 Resp: 345823
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 43.0 33.6 50.4



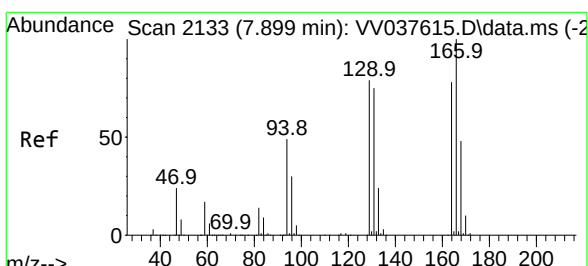
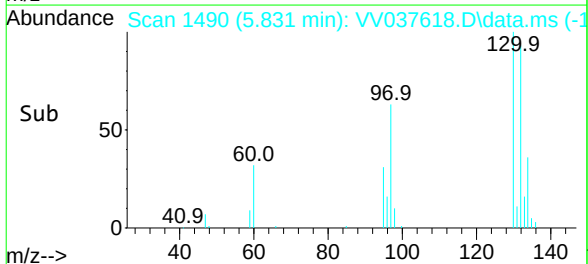
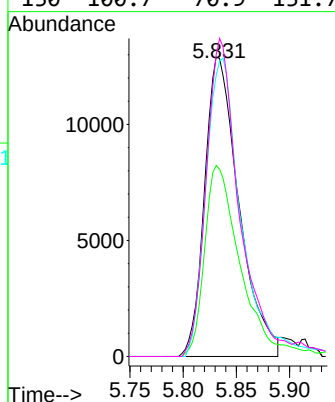


#34
 Trichloroethene
 Concen: 6.194 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VV037618.D
 Acq: 27 Sep 2024 19:56

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Tgt Ion:	95	Resp:	29012
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.3	85.9
132	93.9	68.6	127.4
130	100.7	70.9	131.7



#46
 Tetrachloroethene
 Concen: 17.456 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV037618.D
 Acq: 27 Sep 2024 19:56

Tgt Ion:	164	Resp:	62516
Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.2	126.6
131	90.8	66.1	122.8
166	125.6	91.1	169.1

