

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021101.D
 Acq On : 04 Dec 2021 06:51
 Operator : SY/VA
 Sample : M4883-13
 Misc : 2.87g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G9

Quant Time: Dec 04 07:10:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

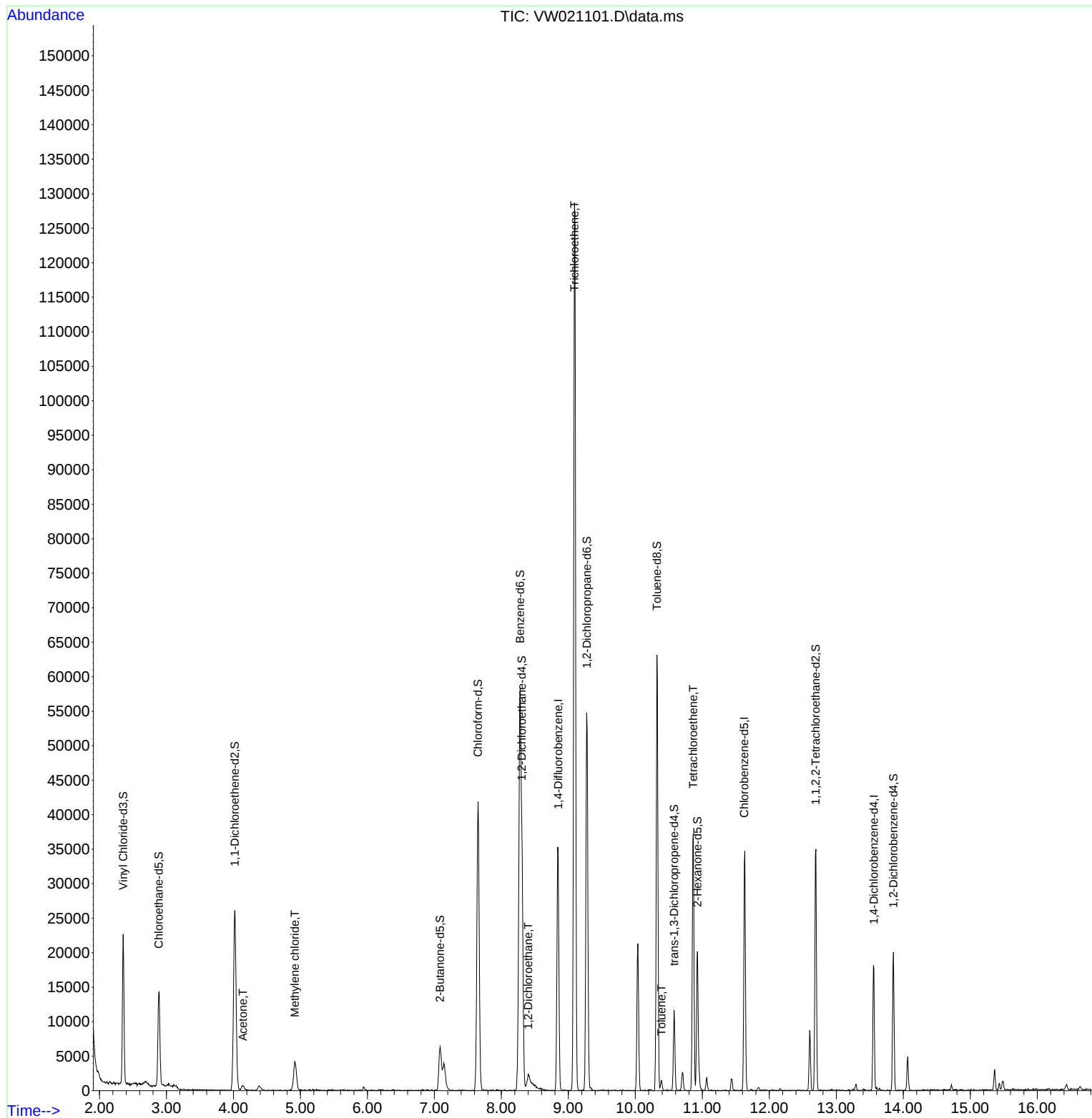
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	30679	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	19515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4854	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	19915	46.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 186.360%#	
7) Chloroethane-d5	2.885	69	15836	55.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 221.360%#	
11) 1,1-Dichloroethene-d2	4.019	63	23950	35.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 140.280%#	
21) 2-Butanone-d5	7.086	46	10487	107.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 215.120%#	
24) Chloroform-d	7.653	84	41733	54.318	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 217.280%#	
26) 1,2-Dichloroethane-d4	8.305	65	24166	57.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 229.960%#	
32) Benzene-d6	8.281	84	56501	56.625	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 226.480%#	
36) 1,2-Dichloropropane-d6	9.274	67	23281	83.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 335.840%#	
41) Toluene-d8	10.323	98	40888	39.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 159.840%#	
43) trans-1,3-Dichloroprop...	10.579	79	5832	46.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 185.280%#	
47) 2-Hexanone-d5	10.926	63	6636	125.082	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 250.160%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	15974	62.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 249.080%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	5214	29.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 119.920%	
Target Compounds						
						Qvalue
13) Acetone	4.141	43	1368	15.404	ug/L	75
16) Methylene chloride	4.915	84	3181	6.581	ug/L	94
27) 1,2-Dichloroethane	8.402	62	1404	2.844	ug/L	# 93
34) Trichloroethene	9.091	95	43140	140.906	ug/L	91
42) Toluene	10.390	91	1257	0.992	ug/L	95
46) Tetrachloroethene	10.865	164	8875	31.657	ug/L	93

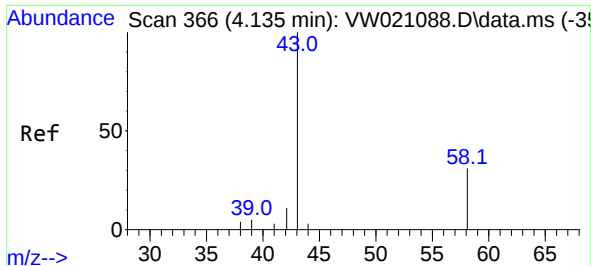
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

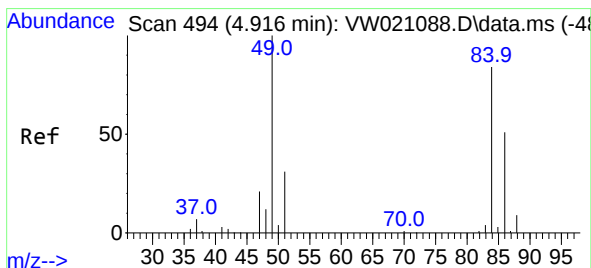
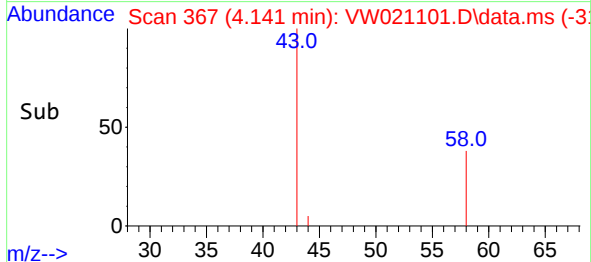
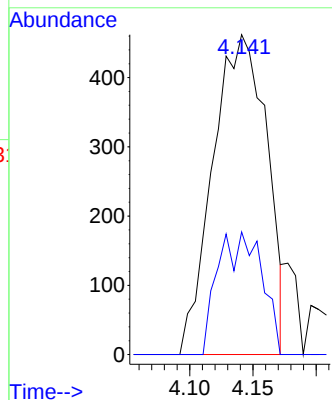
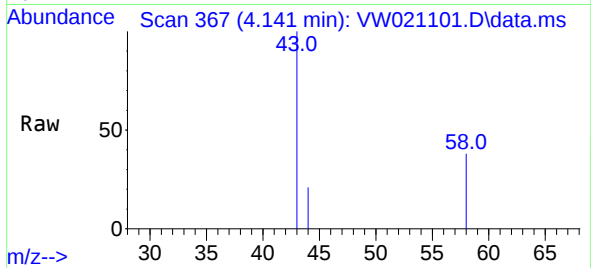




#13
Acetone
Concen: 15.404 ug/L
RT: 4.141 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021101.D
Acq: 04 Dec 2021 06:51

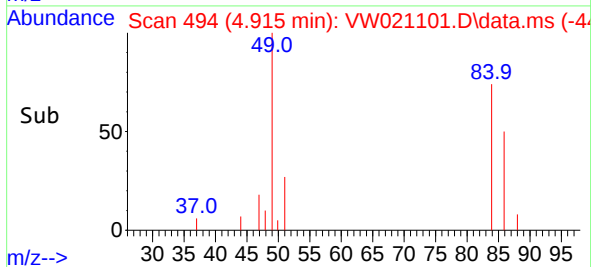
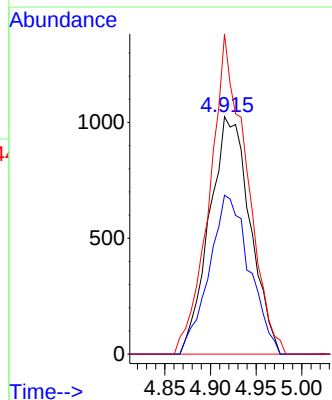
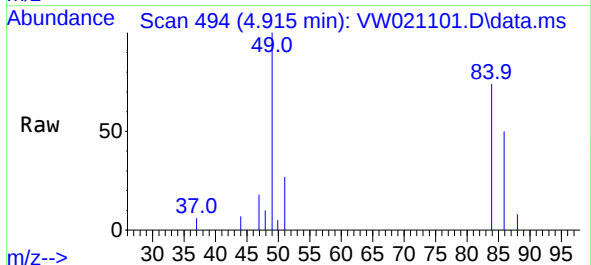
Instrument :
MSVOA_W
ClientSampleId :
EW9G9

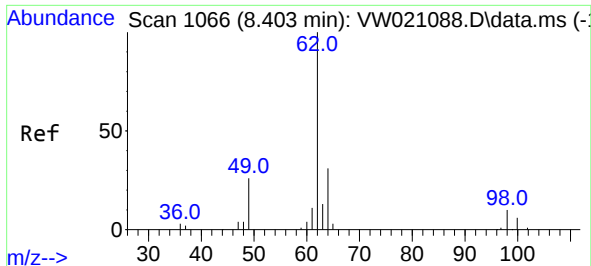
Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 13.7 0.0 52.8



#16
Methylene chloride
Concen: 6.581 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021101.D
Acq: 04 Dec 2021 06:51

Tgt Ion: 84 Resp: 3181
Ion Ratio Lower Upper
84 100
86 66.9 45.5 84.5
49 134.8 100.5 186.7





#27

1,2-Dichloroethane

Concen: 2.844 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021101.D

Acq: 04 Dec 2021 06:51

Instrument :

MSVOA_W

ClientSampleId :

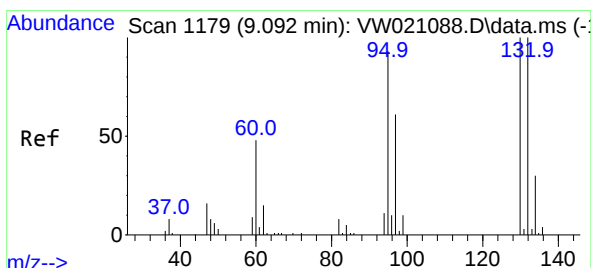
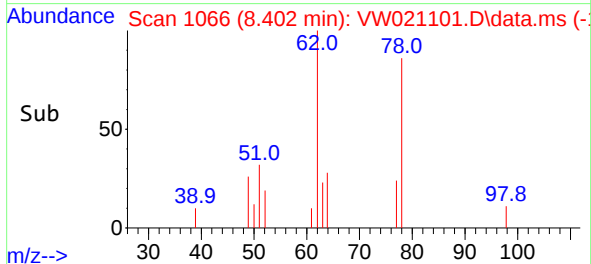
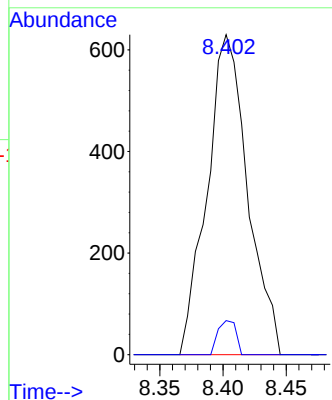
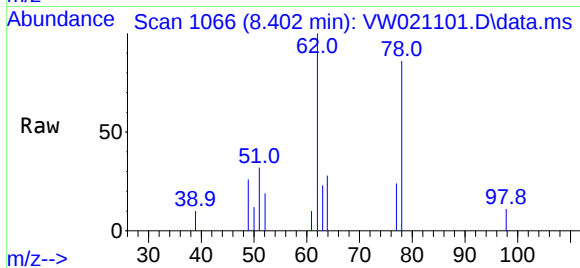
EW9G9

Tgt Ion: 62 Resp: 1404

Ion Ratio Lower Upper

62 100

98 10.6 6.5 9.7#



#34

Trichloroethene

Concen: 140.906 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021101.D

Acq: 04 Dec 2021 06:51

Tgt Ion: 95 Resp: 43140

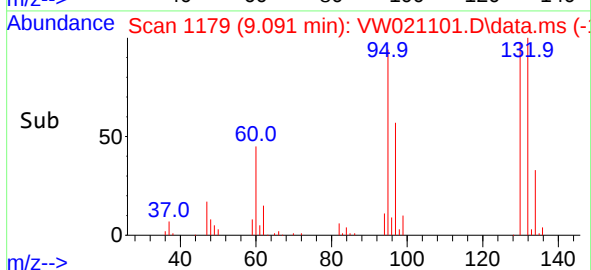
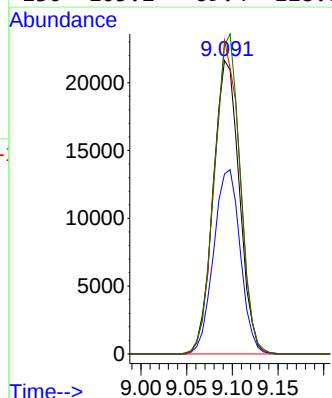
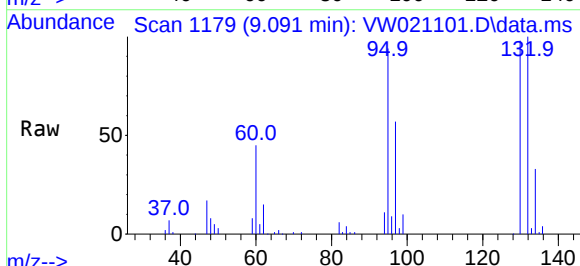
Ion Ratio Lower Upper

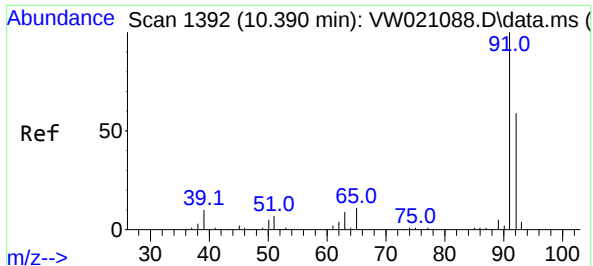
95 100

97 61.3 47.0 87.2

132 106.9 65.5 121.6

130 105.2 69.4 128.8

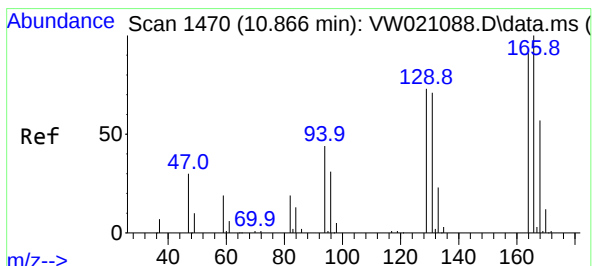
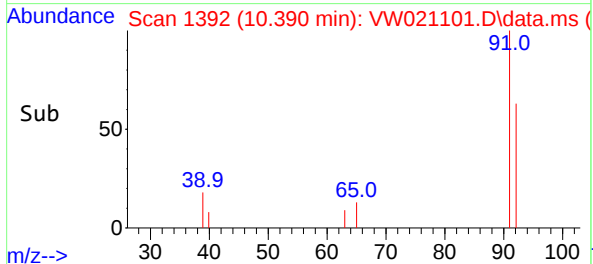
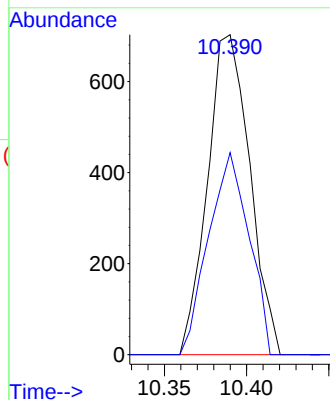
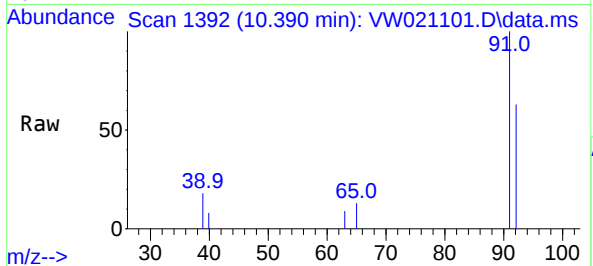




#42
Toluene
Concen: 0.992 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021101.D
Acq: 04 Dec 2021 06:51

Instrument :
MSVOA_W
ClientSampleId :
EW9G9

Tgt Ion: 91 Resp: 1257
Ion Ratio Lower Upper
91 100
92 63.2 41.7 77.5



#46
Tetrachloroethene
Concen: 31.657 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021101.D
Acq: 04 Dec 2021 06:51

Tgt Ion: 164 Resp: 8875
Ion Ratio Lower Upper
164 100
129 82.8 65.5 121.7
131 81.8 59.7 110.9
166 119.6 88.7 164.7

