

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051167.D
 Acq On : 06 Oct 2022 13:23
 Operator : JC/MD
 Sample : N4893-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J38

Quant Time: Oct 07 01:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

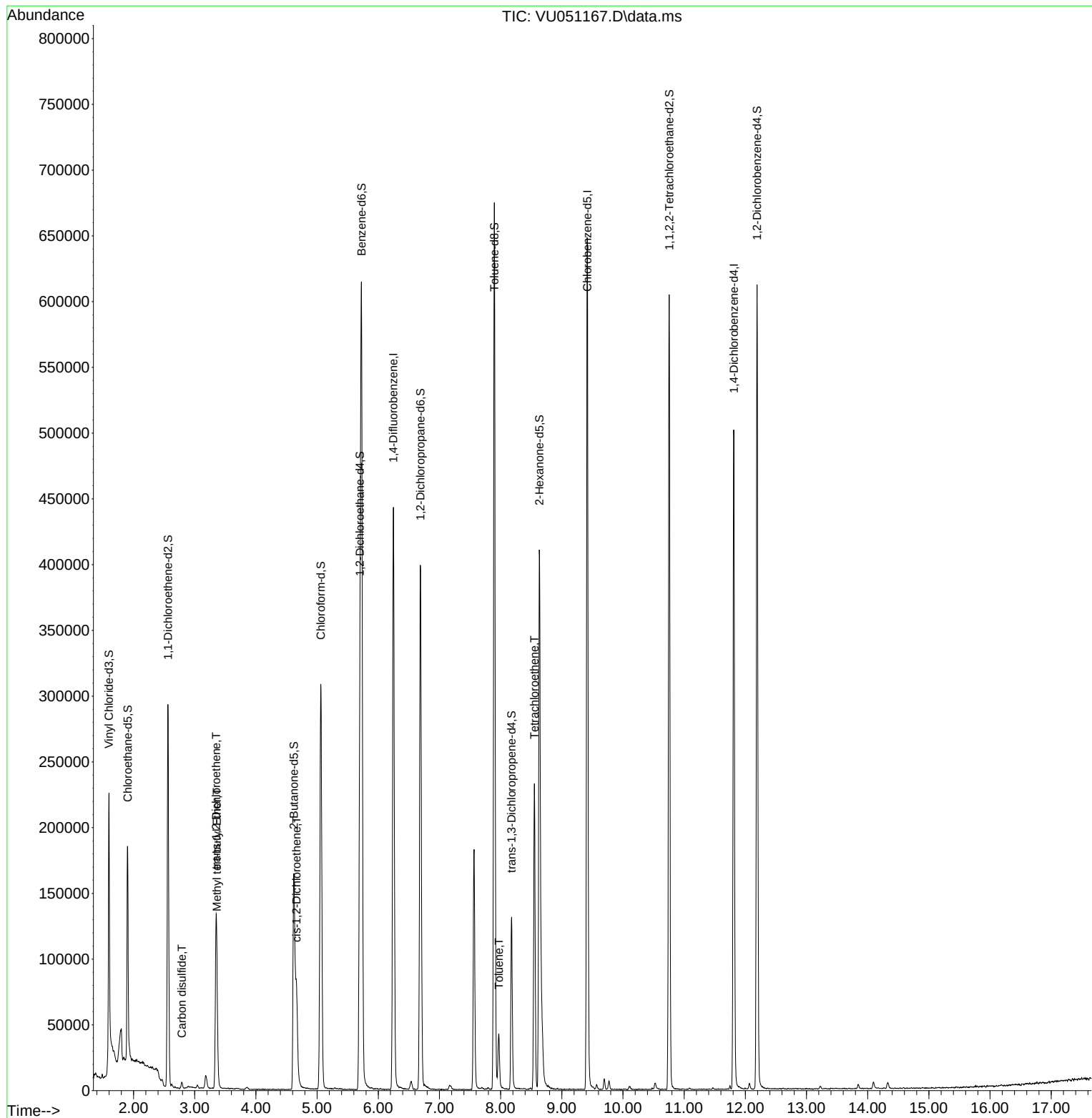
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	357189	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	135835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	132973	36.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.460%
7) Chloroethane-d5	1.903	69	127496	37.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.840%
11) 1,1-Dichloroethene-d2	2.562	63	172695	32.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.600%
21) 2-Butanone-d5	4.620	46	233517	99.461	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.060	84	289540	49.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
26) 1,2-Dichloroethane-d4	5.700	65	193471	53.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.726	84	574402	54.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.180%
36) 1,2-Dichloropropane-d6	6.687	67	201789	58.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.100%
41) Toluene-d8	7.896	98	456330	46.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	8.179	79	73952	44.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.980%
47) 2-Hexanone-d5	8.633	63	119003	85.521	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	308037	51.145	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	12.192	152	162029	55.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.680%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.790	76	6413	0.852	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	49313	18.198	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	26709	3.243	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	32184	10.637	ug/L	97
42) Toluene	7.970	91	30702	2.611	ug/L	96
46) Tetrachloroethene	8.552	164	51486	23.724	ug/L	99

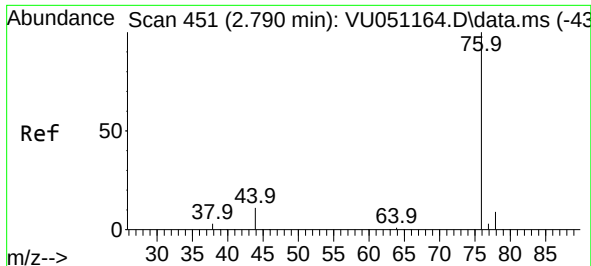
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.852 ug/L

RT: 2.790 min Scan# 4

Delta R.T. 0.000 min

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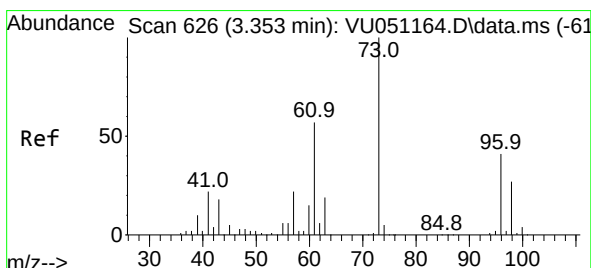
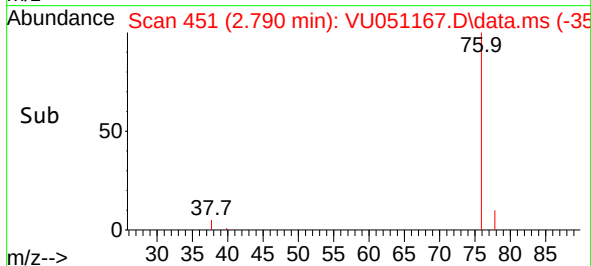
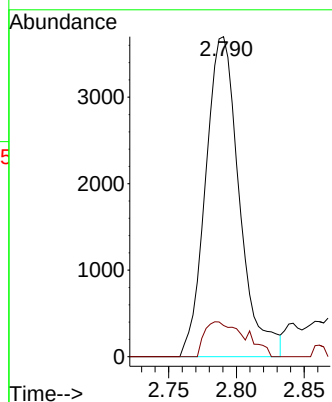
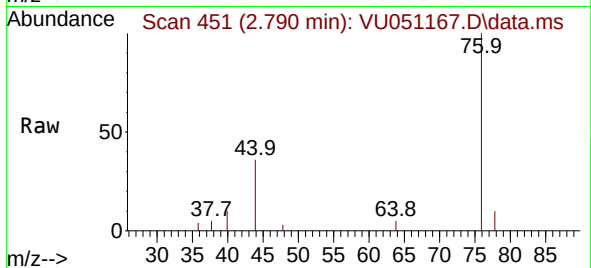
F5J38

Tgt Ion: 76 Resp: 6413

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



#17

trans-1,2-Dichloroethene

Concen: 18.198 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051167.D

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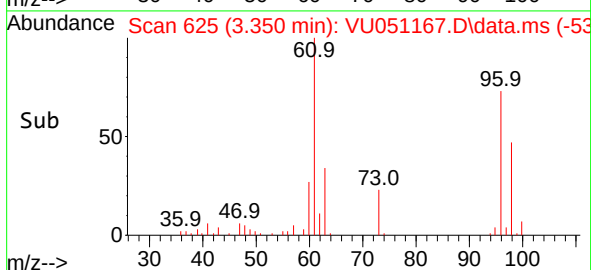
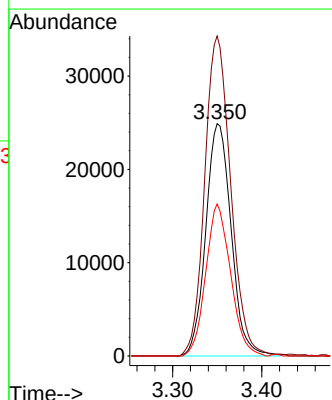
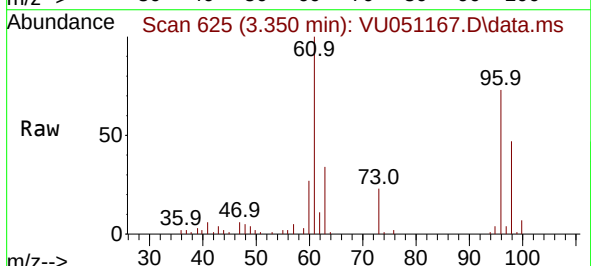
Tgt Ion: 96 Resp: 49313

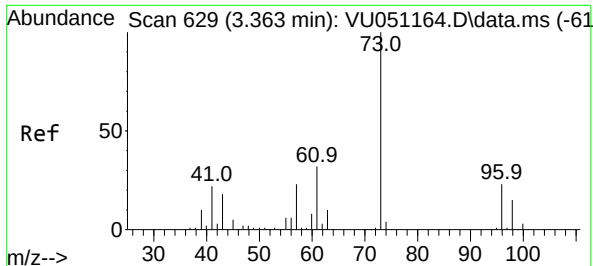
Ion Ratio Lower Upper

96 100

61 137.7 95.1 176.5

98 65.4 45.1 83.7

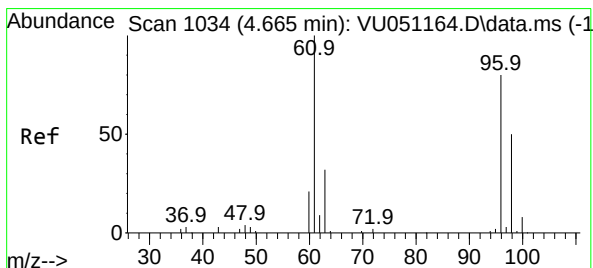
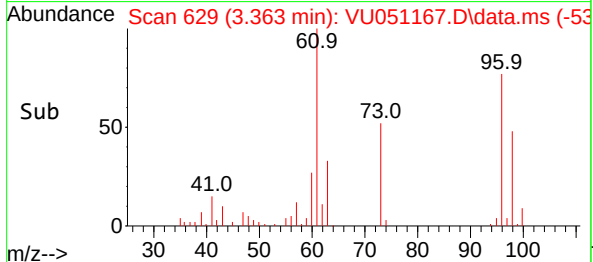
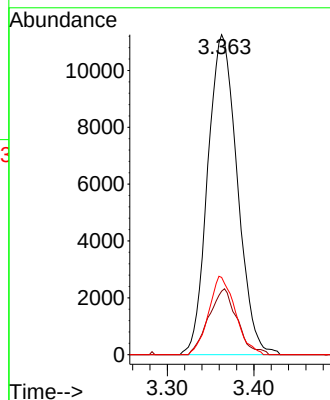
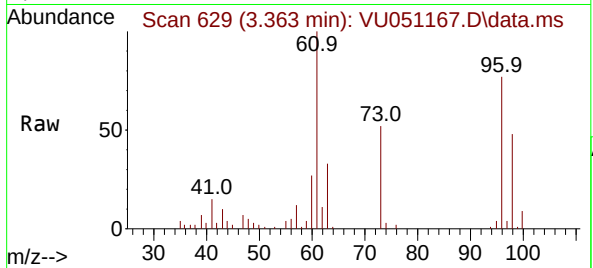




#18
Methyl tert-butyl Ether
Concen: 3.243 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051167.D
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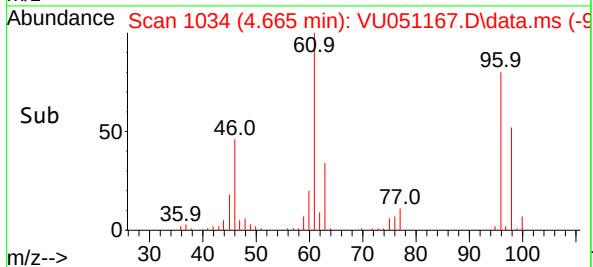
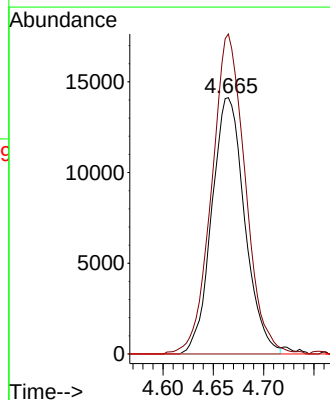
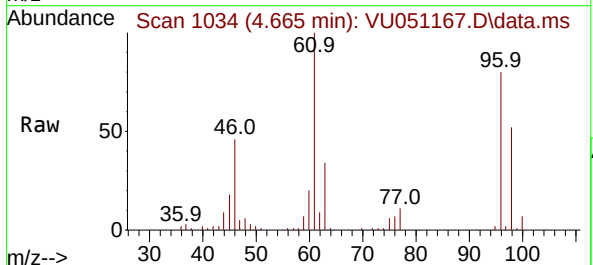
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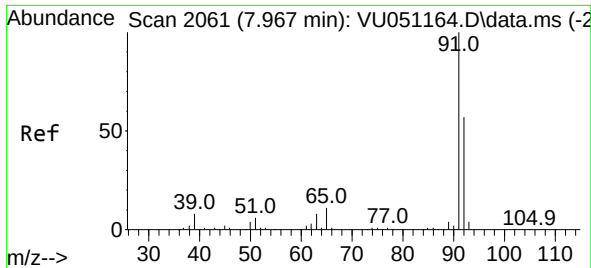
Tgt Ion: 73	Resp: 26709
Ion Ratio	Lower Upper
73 100	
43 19.4	14.7 22.1
57 22.1	17.5 26.3



#20
cis-1,2-Dichloroethene
Concen: 10.637 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051167.D
Acq: 06 Oct 2022 13:23

Tgt Ion: 96	Resp: 32184
Ion Ratio	Lower Upper
96 100	
61 124.8	85.4 158.6
68 0.0	0.0 0.0





#42

Toluene

Concen: 2.611 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051167.D

Acq: 06 Oct 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

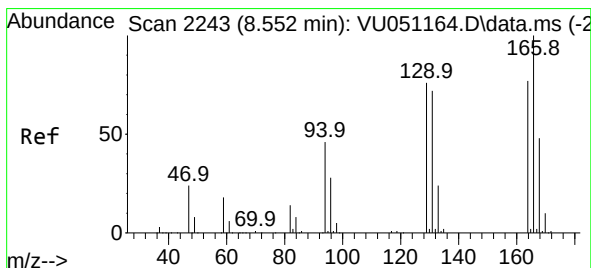
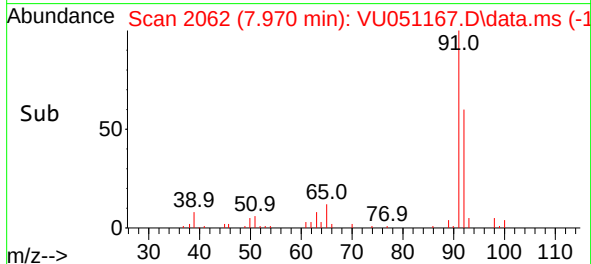
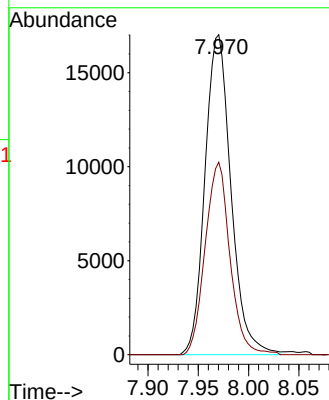
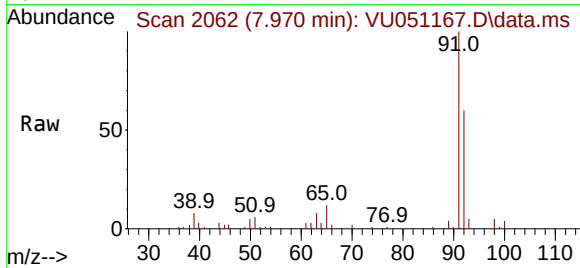
F5J38

Tgt Ion: 91 Resp: 30702

Ion Ratio Lower Upper

91 100

92 60.1 40.1 74.5



#46

Tetrachloroethene

Concen: 23.724 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051167.D

Acq: 06 Oct 2022 13:23

Tgt Ion: 164 Resp: 51486

Ion Ratio Lower Upper

164 100

129 99.9 68.1 126.5

131 96.3 67.8 126.0

166 130.7 90.5 168.1

