

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045845.D
 Acq On : 17 Nov 2021 17:16
 Operator : SY/MD
 Sample : M4686-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG214

Quant Time: Nov 18 02:22:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

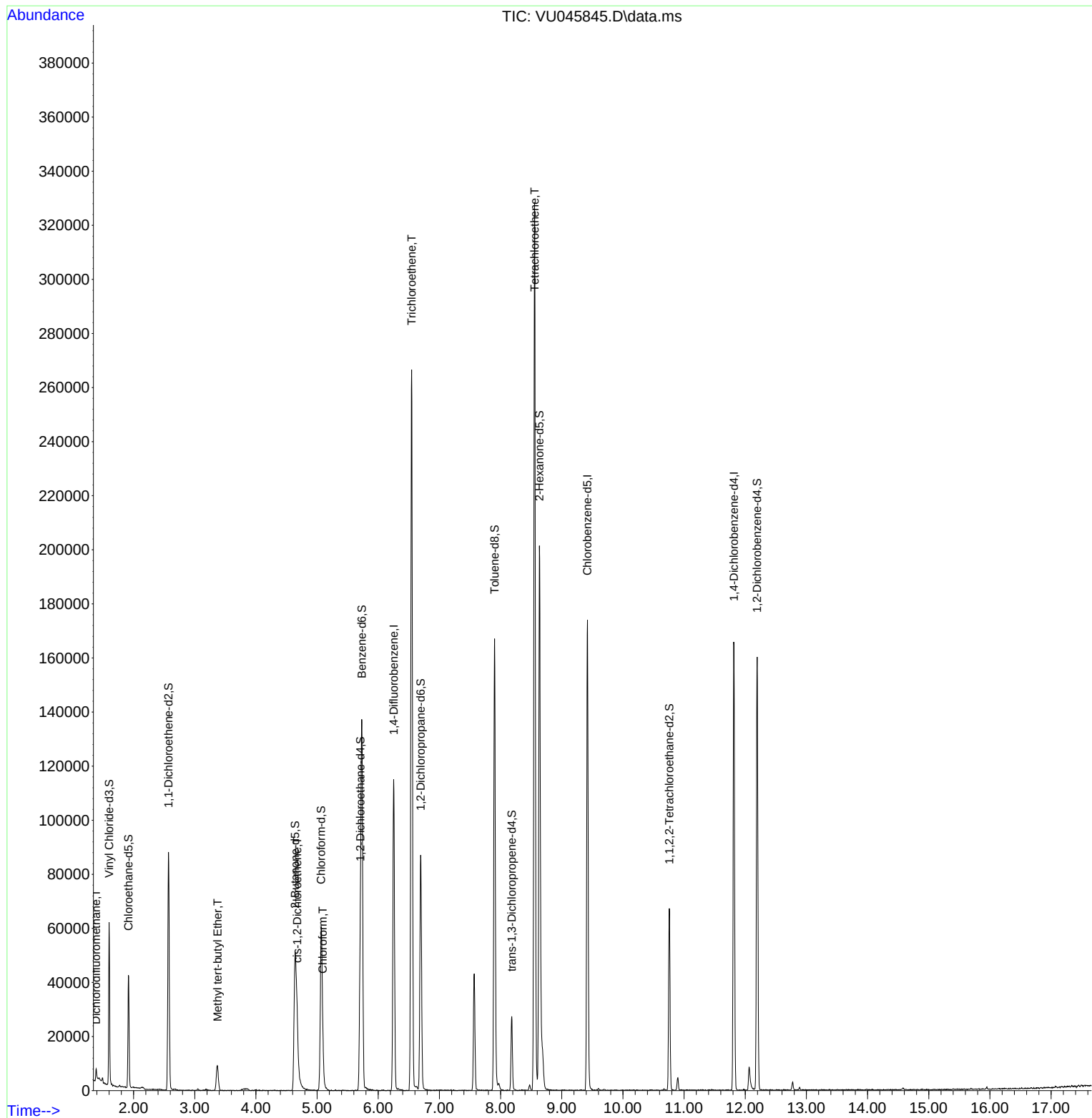
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41064	5.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.400%
7) Chloroethane-d5	1.916	69	30345	5.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	2.571	65	16790	5.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	4.642	46	102209	52.647	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	5.067	84	54223	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.706	65	35350	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.732	84	128616	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.694	67	41568	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.902	98	112093	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	15499	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.636	63	69785	45.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33681	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40869	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1370	0.184	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	10600	0.719	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	5019	0.763	ug/L	99
25) Chloroform	5.092	83	10720	0.869	ug/L	99
34) Trichloroethene	6.546	95	90381	12.950	ug/L	98
47) Tetrachloroethene	8.555	164	70791	14.489	ug/L	97

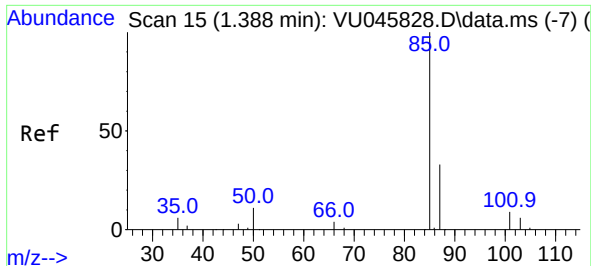
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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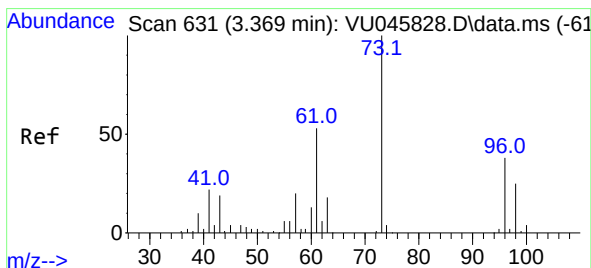
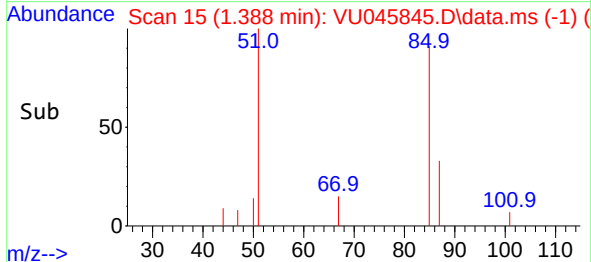
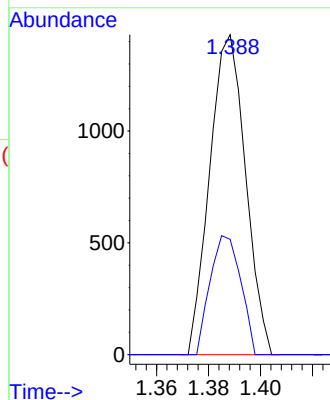
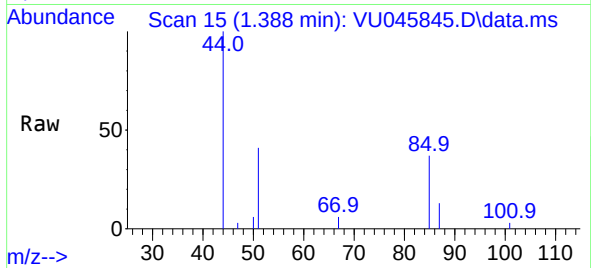




#2
Dichlorodifluoromethane
Concen: 0.184 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

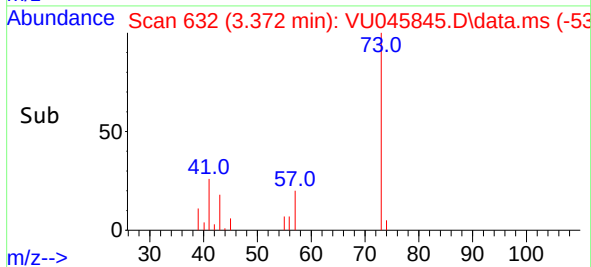
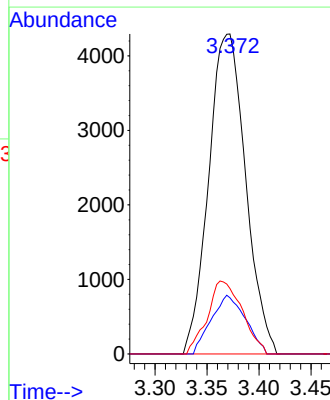
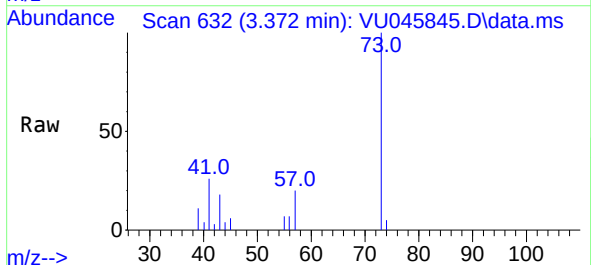
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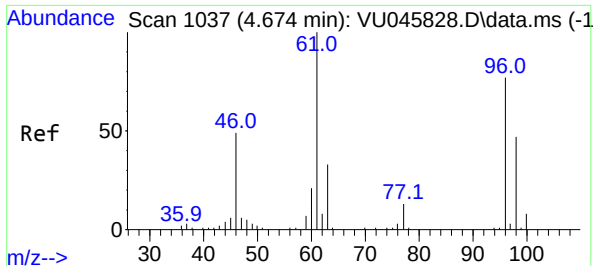
Tgt Ion: 85 Resp: 1370
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.6



#17
Methyl tert-butyl Ether
Concen: 0.719 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

Tgt Ion: 73 Resp: 10600
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 21.6 17.4 26.0

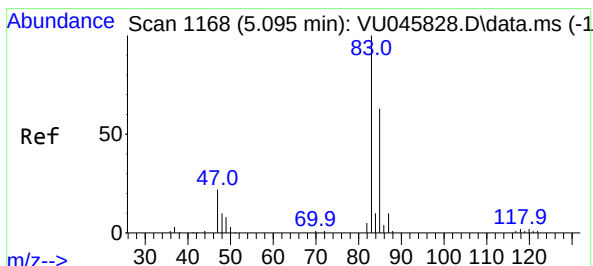
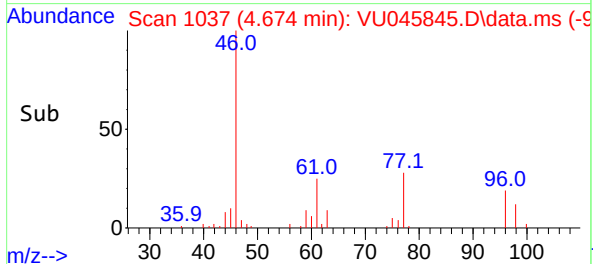
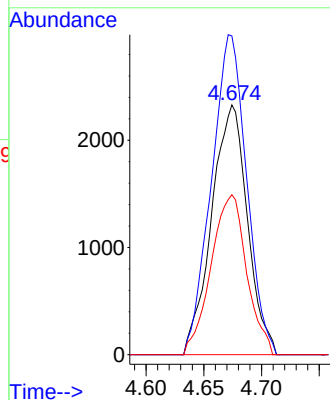
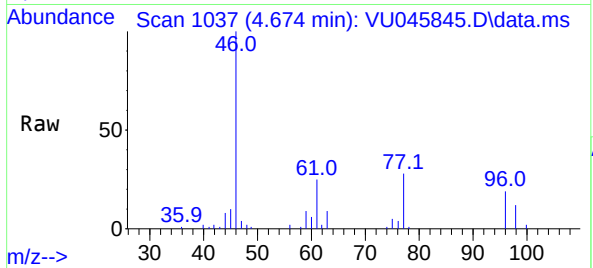




#22
cis-1,2-Dichloroethene
Concen: 0.763 ug/L
RT: 4.674 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

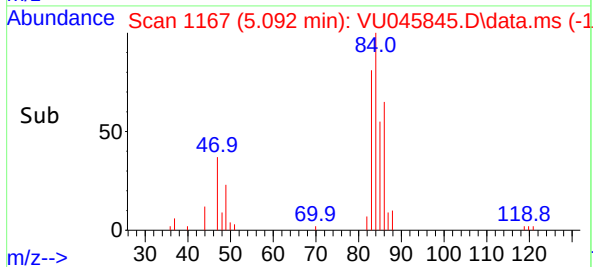
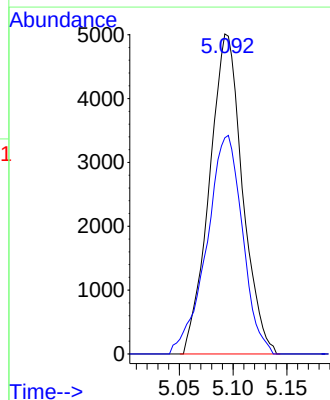
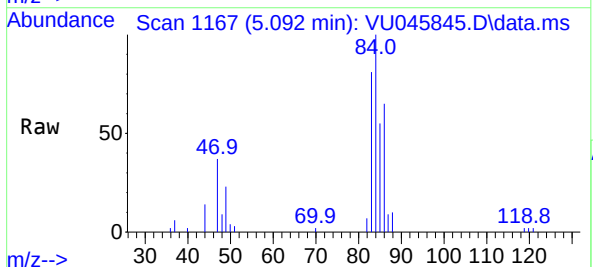
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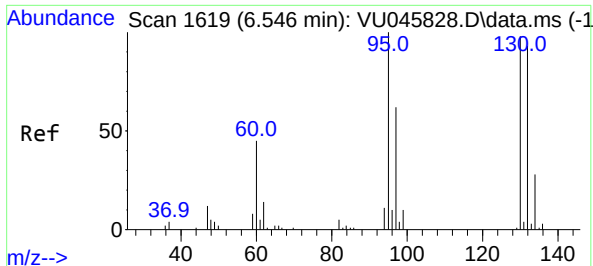
Tgt Ion: 96 Resp: 5019
Ion Ratio Lower Upper
96 100
61 127.7 88.5 164.3
98 64.1 44.4 82.5



#25
Chloroform
Concen: 0.869 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

Tgt Ion: 83 Resp: 10720
Ion Ratio Lower Upper
83 100
85 67.5 46.9 87.1

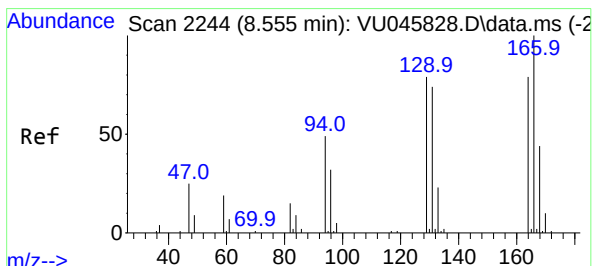
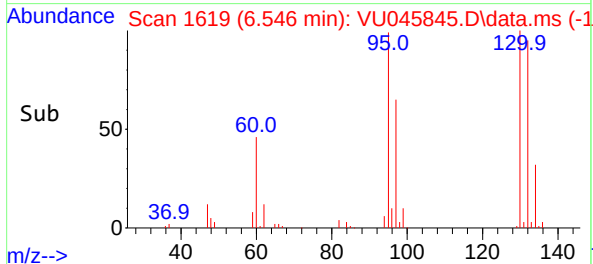
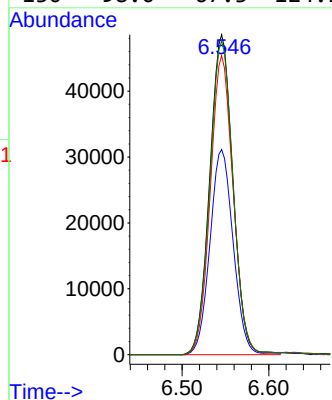
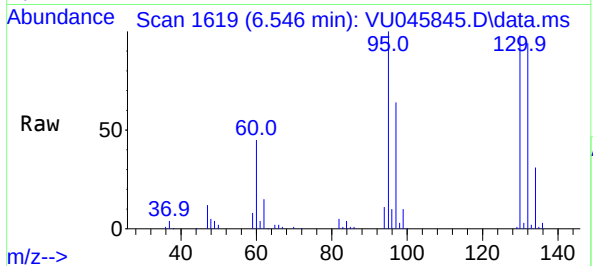




#34
Trichloroethene
Concen: 12.950 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

Instrument :
MSVOA_U
ClientSampleId :
BG214

Tgt Ion: 95 Resp: 90381
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 93.5 65.1 120.9
130 98.0 67.3 124.9



#47
Tetrachloroethene
Concen: 14.489 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

Tgt Ion:164 Resp: 70791
Ion Ratio Lower Upper
164 100
129 101.0 71.8 133.4
131 95.2 68.5 127.3
166 129.3 94.1 174.8

