

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029218.D
 Acq On : 20 Nov 2022 12:22
 Operator : SY/MD
 Sample : N5651-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1LO

Quant Time: Nov 21 00:56:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

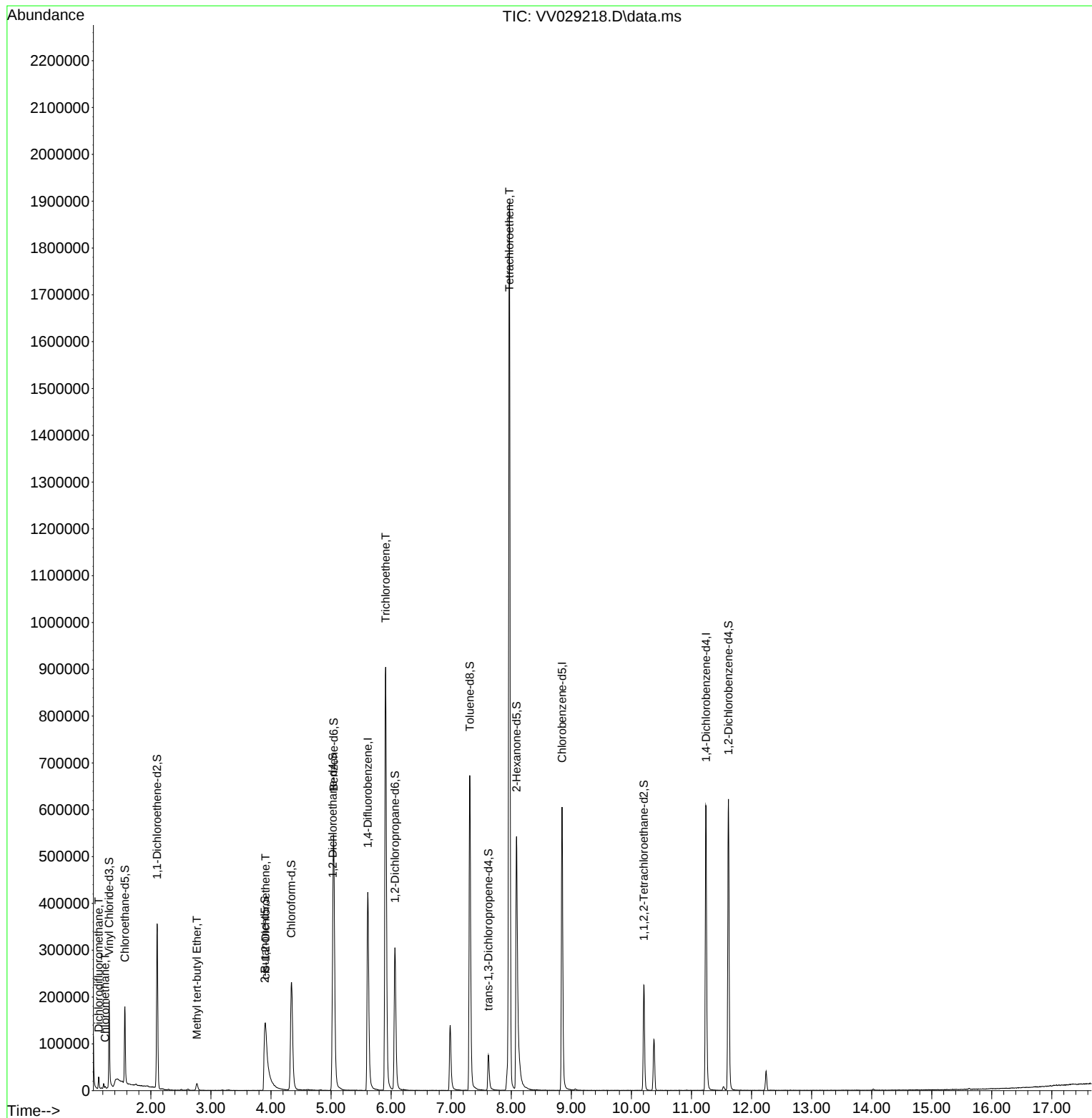
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	398777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	365910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	171321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	133447	5.489	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.800%		
7) Chloroethane-d5	1.568	69	110358	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.105	63	175379	3.958	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 79.200%		
20) 2-Butanone-d5	3.895	46	262885	64.597	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 129.200%		
24) Chloroform-d	4.339	84	255836	5.126	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
26) 1,2-Dichloroethane-d4	5.027	65	118019	5.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
32) Benzene-d6	5.043	84	535677	4.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.000%		
36) 1,2-Dichloropropane-d6	6.063	67	158887	5.210	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.200%		
41) Toluene-d8	7.310	98	471744	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.000%		
43) trans-1,3-Dichloroprop...	7.619	79	49546	4.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.600%		
46) 2-Hexanone-d5	8.088	63	238368	56.142	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.280%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	113591	5.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.400%		
66) 1,2-Dichlorobenzene-d4	11.615	152	173932	5.675	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	6467	0.195	ug/L	99
3) Chloromethane	1.240	50	3553	0.129	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	14871	0.287	ug/L #	96
22) cis-1,2-Dichloroethene	3.908	96	22672	0.797	ug/L	92
34) Trichloroethene	5.908	95	323844	11.313	ug/L	99
47) Tetrachloroethene	7.969	164	442579	19.309	ug/L	100

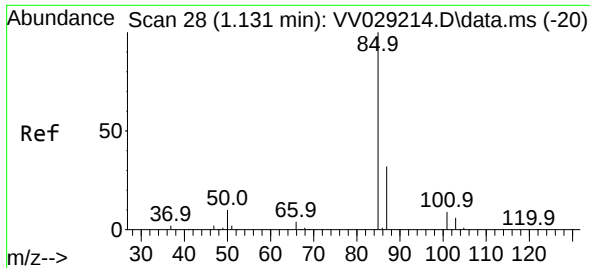
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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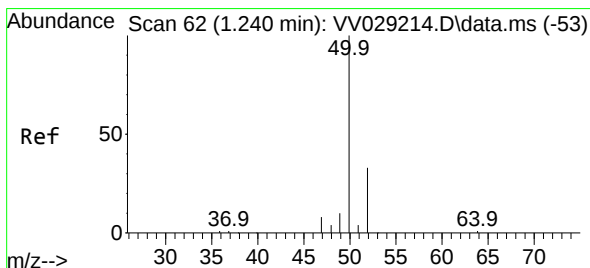
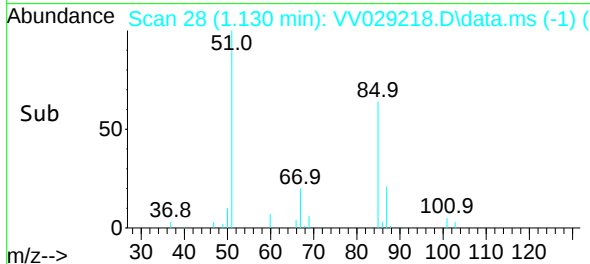
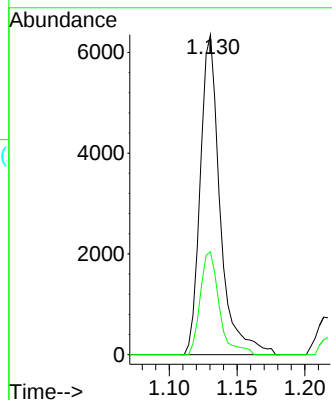
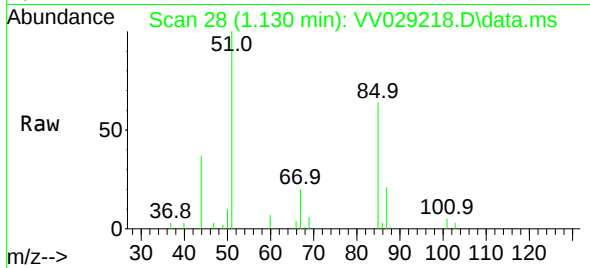




#2
 Dichlorodifluoromethane
 Concen: 0.195 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029218.D
 Acq: 20 Nov 2022 12:22

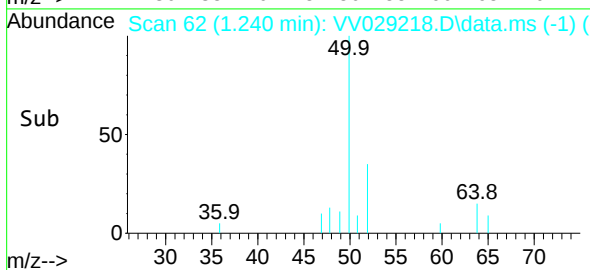
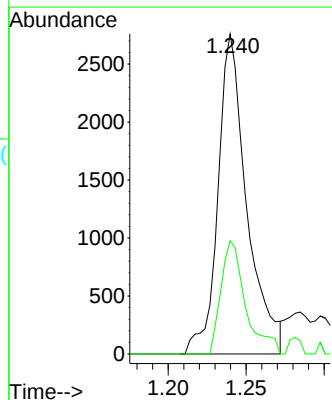
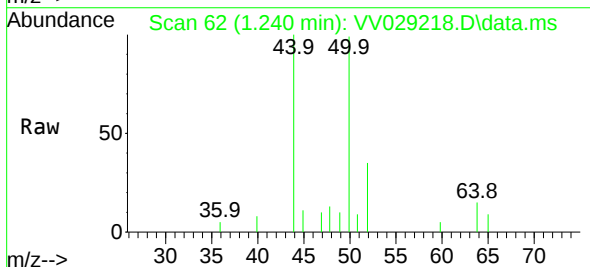
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L0

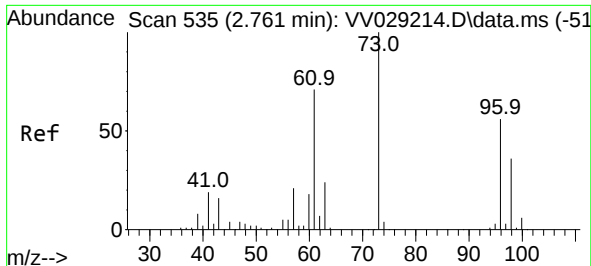
Tgt Ion: 85 Resp: 6467
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.0 37.4



#3
 Chloromethane
 Concen: 0.129 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029218.D
 Acq: 20 Nov 2022 12:22

Tgt Ion: 50 Resp: 3553
 Ion Ratio Lower Upper
 50 100
 52 35.4 23.7 43.9

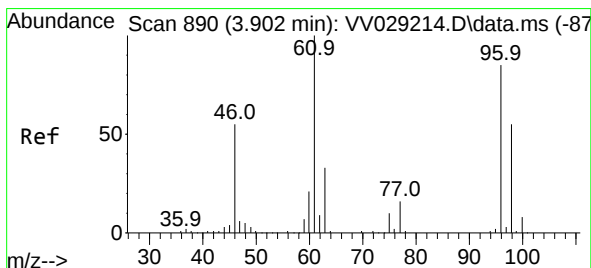
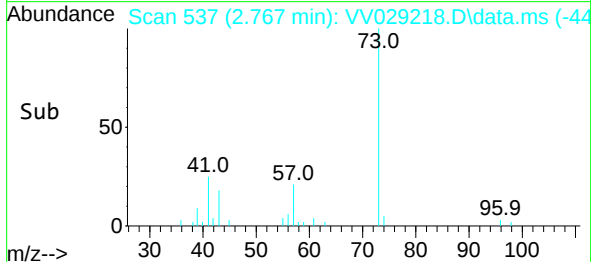
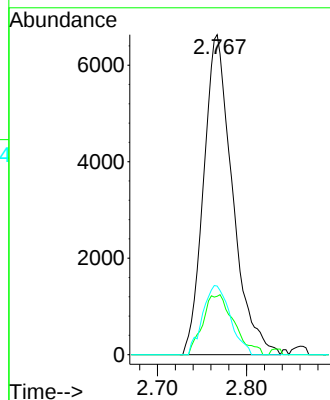
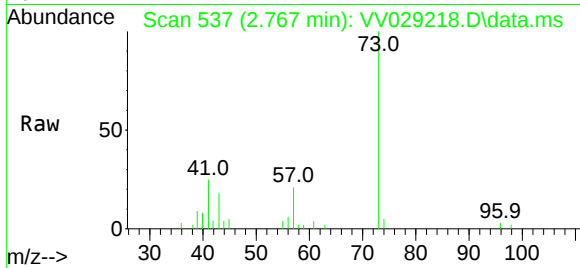




#17
Methyl tert-butyl Ether
Concen: 0.287 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029218.D
Acq: 20 Nov 2022 12:22

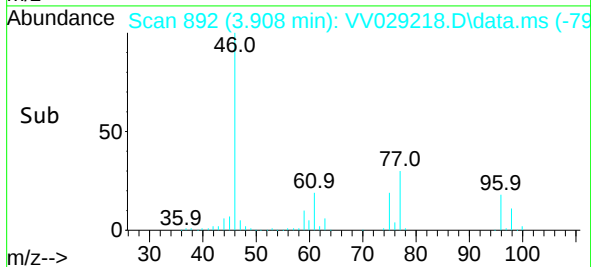
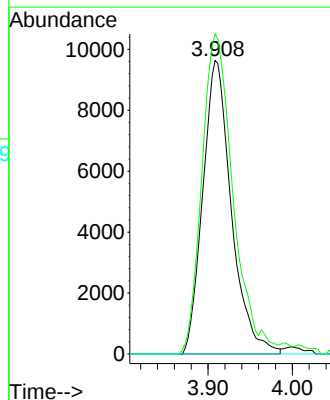
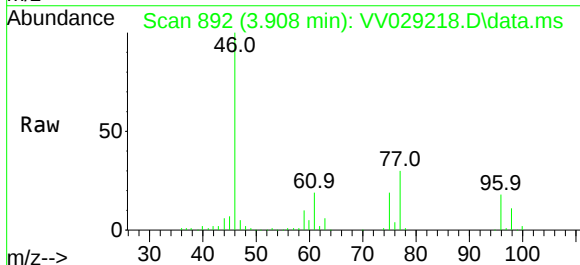
Instrument :
MSVOA_V
ClientSampleId :
BH1L0

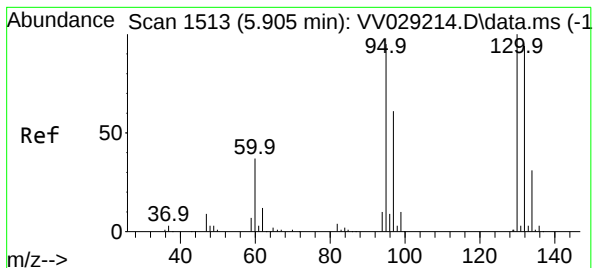
Tgt Ion: 73 Resp: 14871
Ion Ratio Lower Upper
73 100
43 20.2 13.0 19.4#
57 20.6 16.6 24.8



#22
cis-1,2-Dichloroethene
Concen: 0.797 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV029218.D
Acq: 20 Nov 2022 12:22

Tgt Ion: 96 Resp: 22672
Ion Ratio Lower Upper
96 100
61 109.1 82.3 152.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 11.313 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029218.D

Acq: 20 Nov 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

BH1LO

Tgt Ion: 95 Resp: 323844

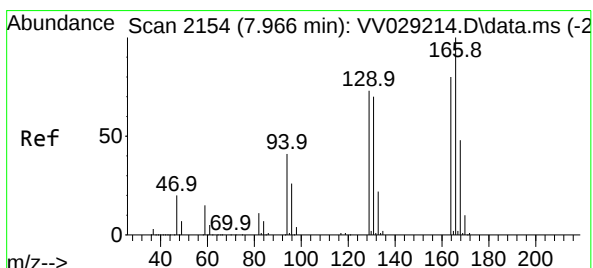
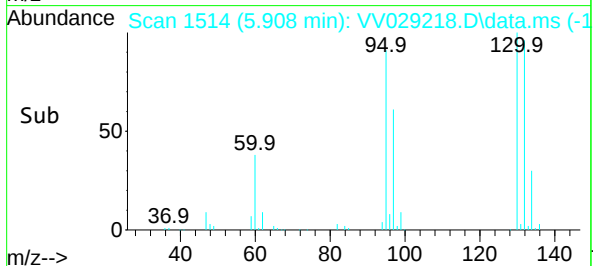
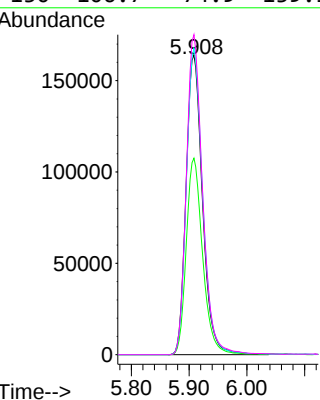
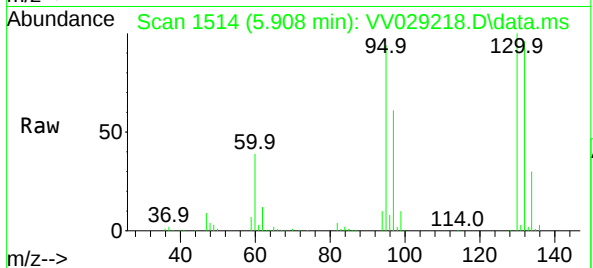
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 102.1 69.1 128.3

130 106.7 74.9 139.1



#47

Tetrachloroethene

Concen: 19.309 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029218.D

Acq: 20 Nov 2022 12:22

Tgt Ion: 164 Resp: 442579

Ion Ratio Lower Upper

164 100

129 92.2 63.9 118.7

131 88.1 61.8 114.8

166 128.9 90.2 167.4

