

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043215.D
 Acq On : 20 Apr 2021 11:52
 Operator : SY/MD
 Sample : M2057-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4516

Quant Time: Apr 21 04:59:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

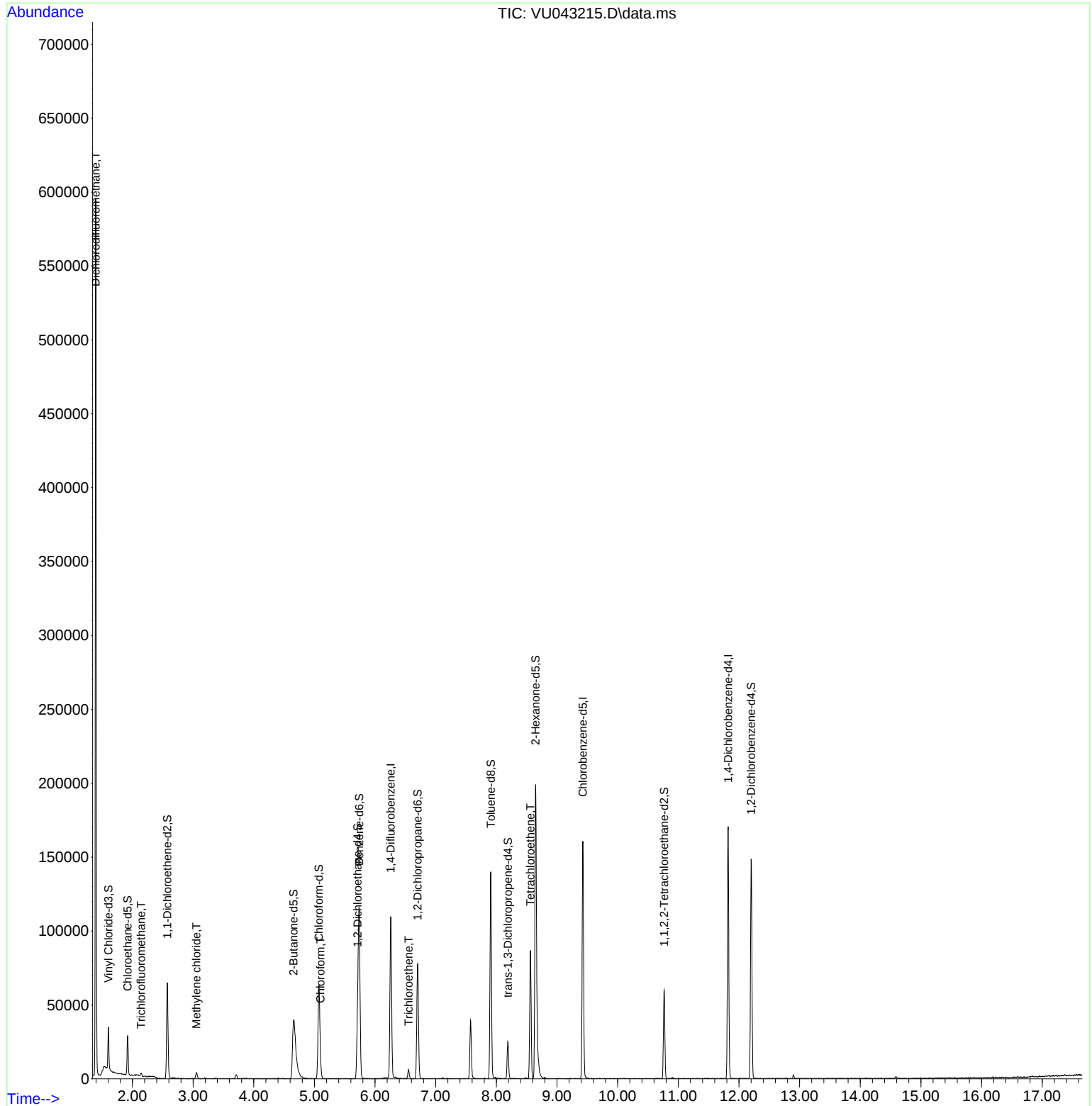
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	81846	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	40836	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19512	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.919	69	18296	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	65	12343	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.658	46	102386	55.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	5.073	84	54756	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	34142	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.739	84	94953	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.703	67	33260	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.909	98	86117	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.189	79	12904	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	63723	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	28226	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	35772	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.395	85	6407	1.22	ug/L	96
9) Trichlorofluoromethane	2.141	101	1099	0.11	ug/L	95
16) Methylene chloride	3.054	84	1851	0.31	ug/L #	71
25) Chloroform	5.099	83	4103	0.36	ug/L	79
34) Trichloroethene	6.552	95	1977	0.33	ug/L	95
47) Tetrachloroethene	8.562	164	17514	3.66	ug/L	96

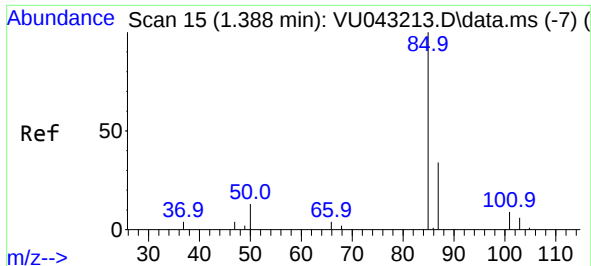
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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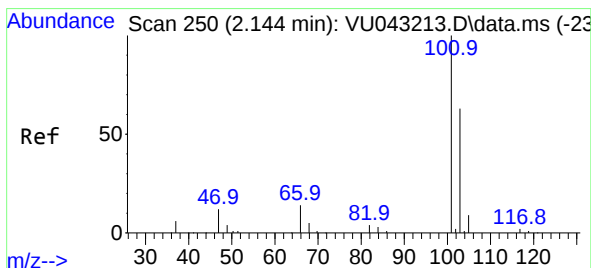
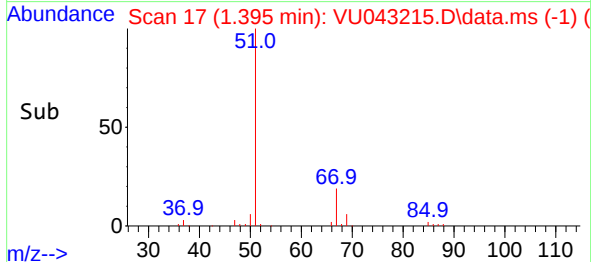
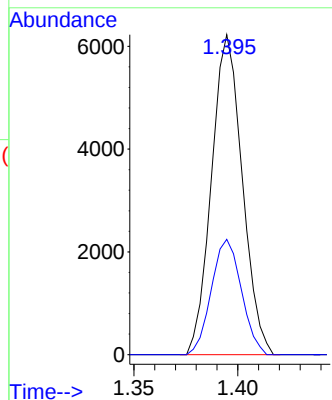
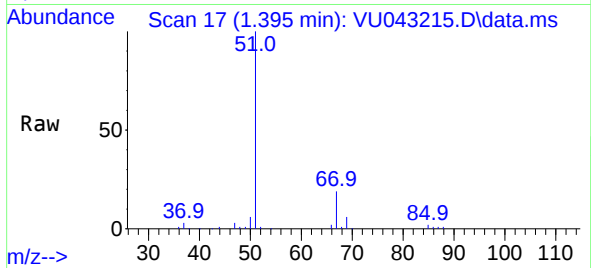




#2
Dichlorodifluoromethane
Concen: 1.22 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

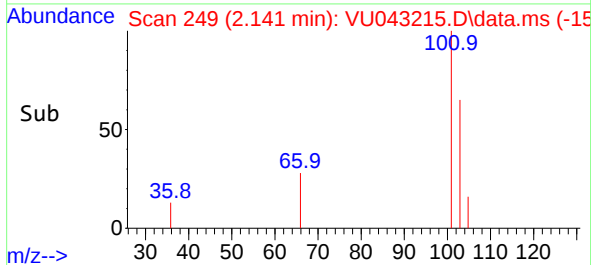
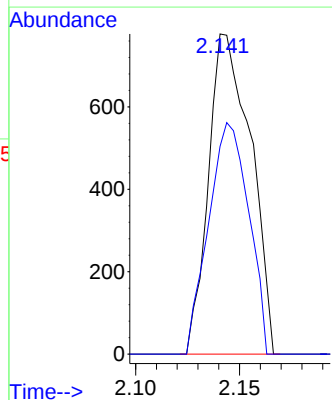
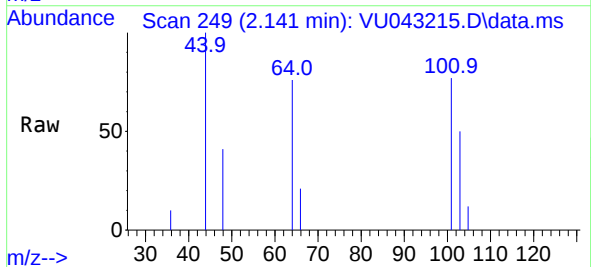
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MSVOA_U
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H4516

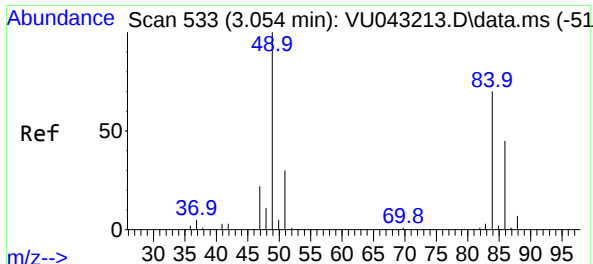
Tgt Ion: 85 Resp: 6407
Ion Ratio Lower Upper
85 100
87 35.1 26.3 39.5



#9
Trichlorofluoromethane
Concen: 0.11 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion:101 Resp: 1099
Ion Ratio Lower Upper
101 100
103 68.6 51.5 77.3

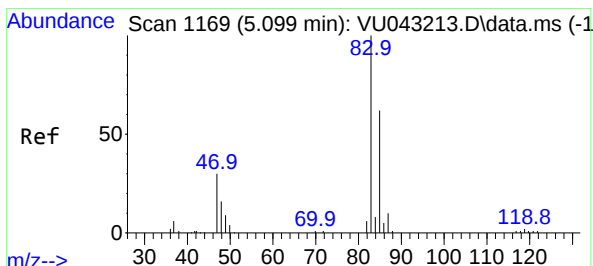
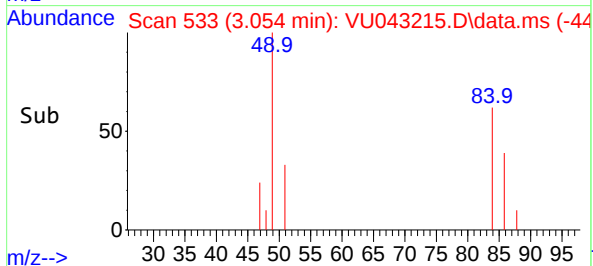
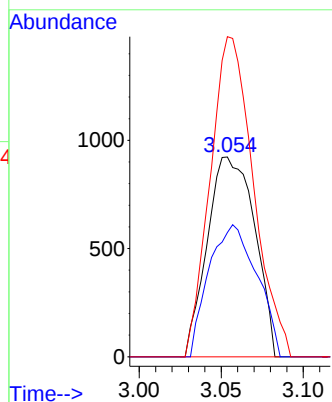
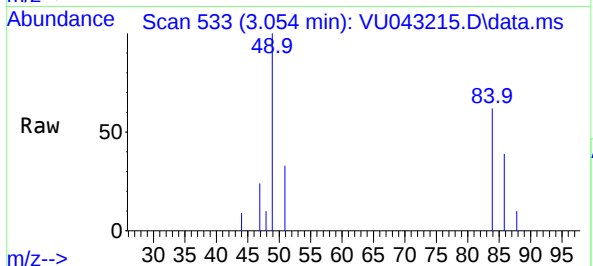




#16
Methylene chloride
Concen: 0.31 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

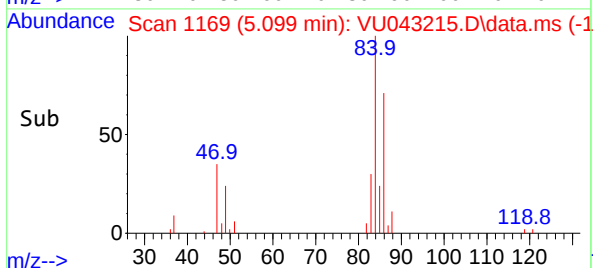
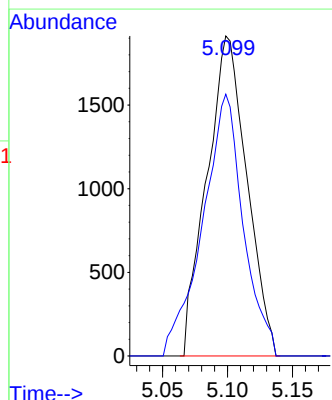
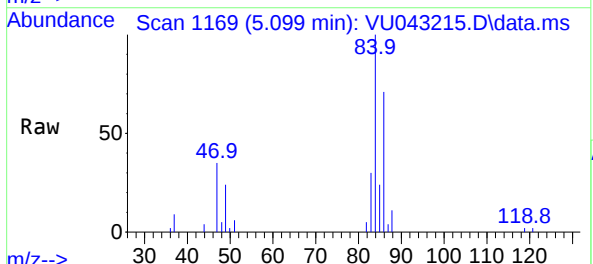
Instrument :
MSVOA_U
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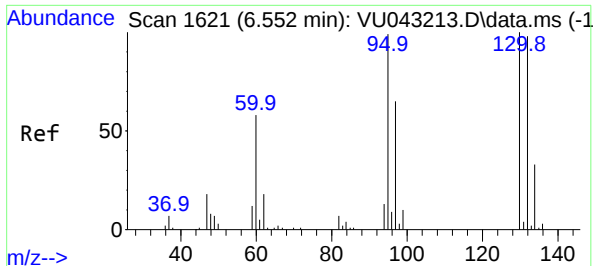
Tgt Ion: 84 Resp: 1851
Ion Ratio Lower Upper
84 100
86 62.2 44.9 83.5
49 160.2 79.0 146.8#



#25
Chloroform
Concen: 0.36 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
85 81.8 45.6 84.8





#34

Trichloroethene

Concen: 0.33 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion: 95 Resp: 1977

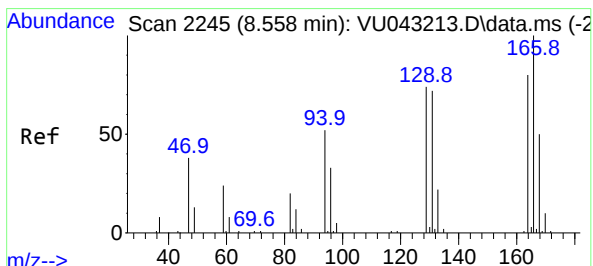
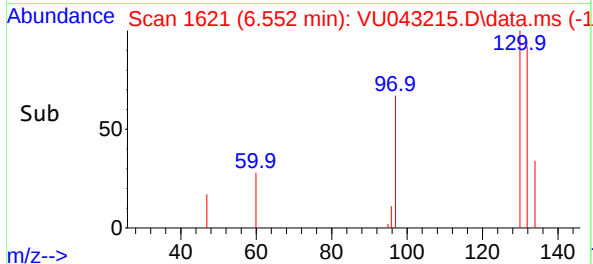
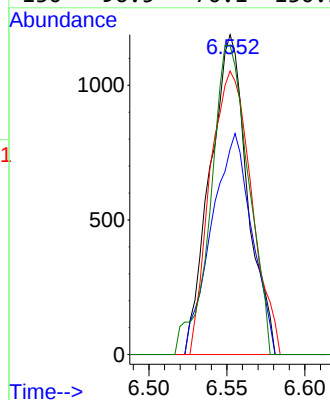
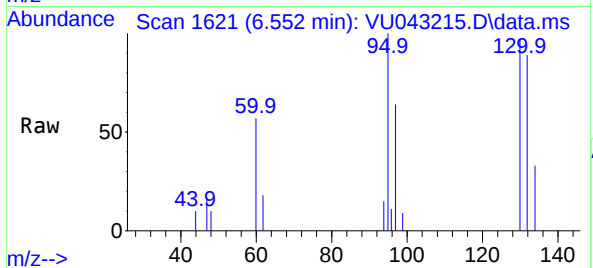
Ion Ratio Lower Upper

95 100

97 64.2 45.8 85.2

132 88.6 68.7 127.7

130 96.5 70.1 130.3



#47

Tetrachloroethene

Concen: 3.66 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion: 164 Resp: 17514

Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.8

131 89.1 65.9 122.3

166 129.0 93.7 173.9

