

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045165.D
 Acq On : 05 Oct 2021 23:33
 Operator : SY/MD
 Sample : M3996-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A17

Quant Time: Oct 06 04:39:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

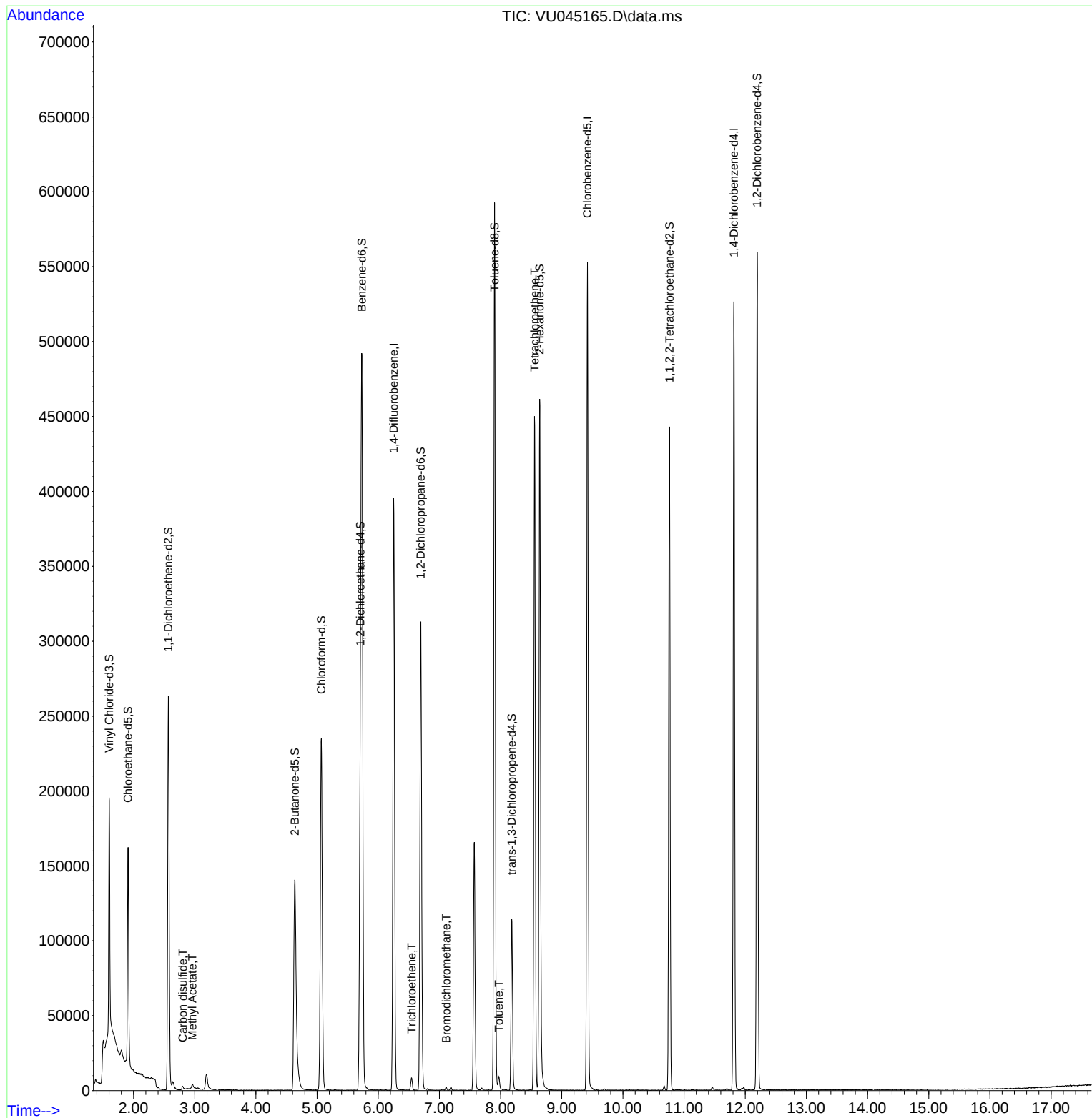
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	305209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288722	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127229	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110931	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.40%
7) Chloroethane-d5	1.909	69	104364	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.84%
11) 1,1-Dichloroethene-d2	2.568	63	160969	28.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.38%#
21) 2-Butanone-d5	4.636	46	238932	90.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.46%
24) Chloroform-d	5.070	84	213497	40.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.92%
26) 1,2-Dichloroethane-d4	5.706	65	152026	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
32) Benzene-d6	5.732	84	441862	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.693	67	141969	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.902	98	378157	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%
43) trans-1,3-Dichloroprop...	8.182	79	62440	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	8.639	63	165214	91.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.26%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217908	42.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.68%
66) 1,2-Dichlorobenzene-d4	12.195	152	134807	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.803	76	3954	0.52	ug/L	99
15) Methyl Acetate	2.960	43	3950	1.05	ug/L	97
34) Trichloroethene	6.546	95	2624	1.02	ug/L	93
38) Bromodichloromethane	7.111	83	1588	0.44	ug/L #	91
42) Toluene	7.973	91	5987	0.55	ug/L	98
46) Tetrachloroethene	8.555	164	91897	49.99	ug/L	99

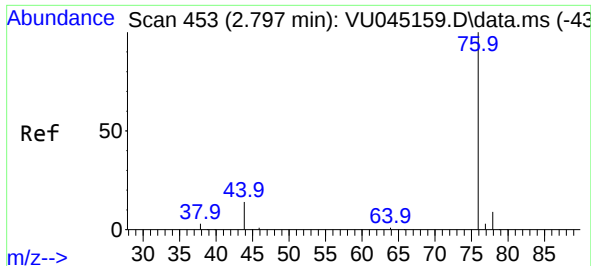
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 01:40:56 2021
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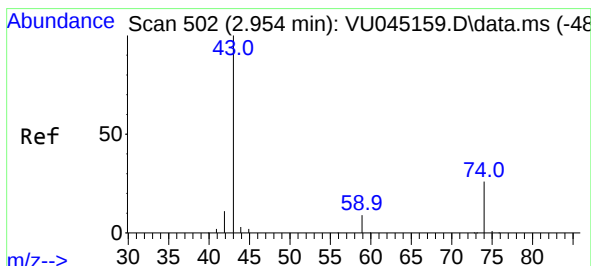
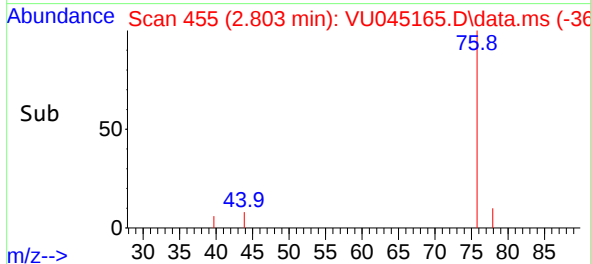
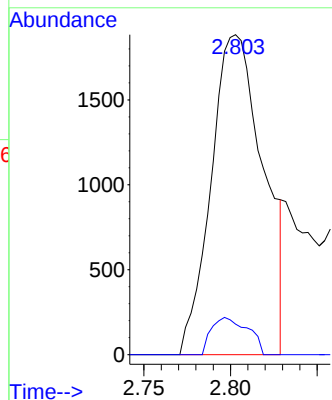
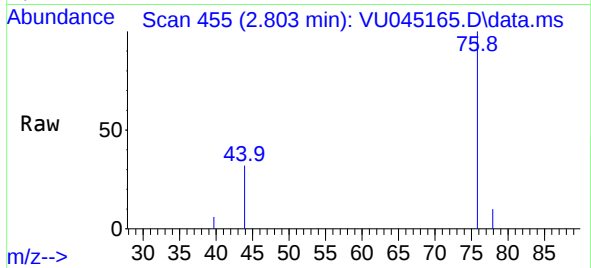




#14
Carbon disulfide
Concen: 0.52 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

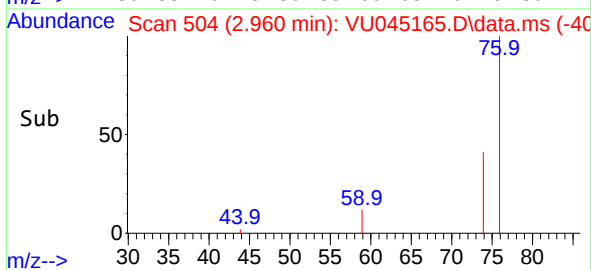
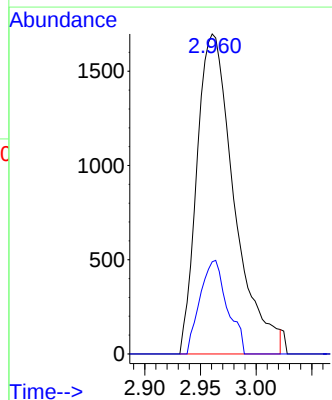
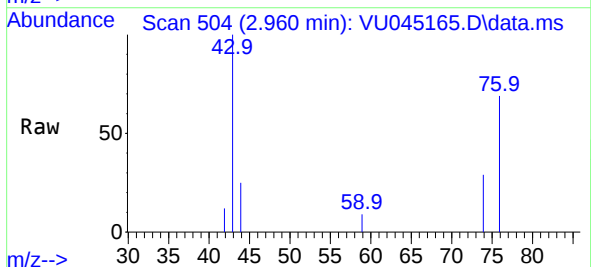
Instrument :
MSVOA_U
ClientSampled :
F4A17

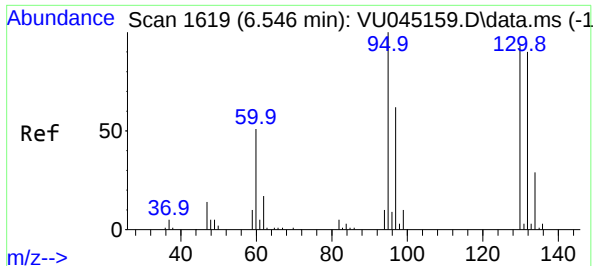
Tgt Ion: 76 Resp: 3954
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#15
Methyl Acetate
Concen: 1.05 ug/L
RT: 2.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Tgt Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
74 21.4 18.4 27.6



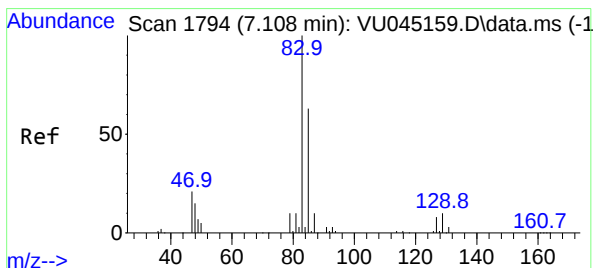
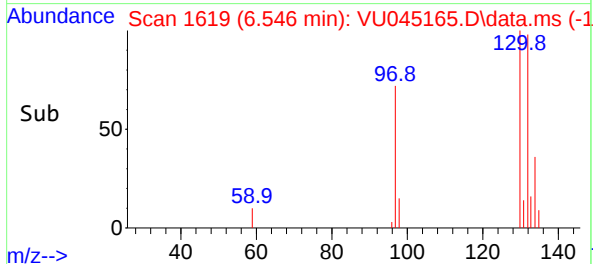
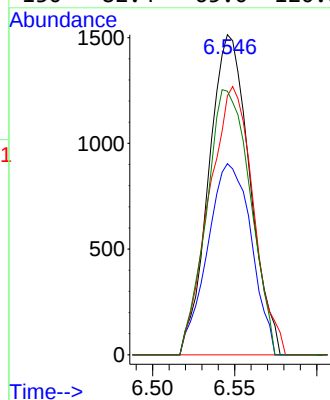
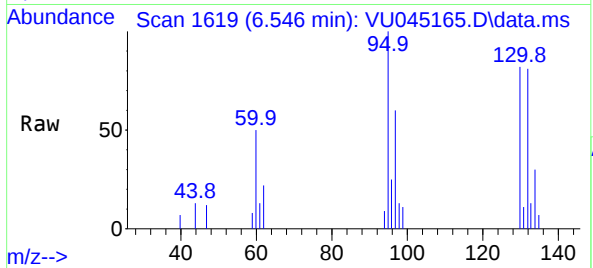


#34
Trichloroethene
Concen: 1.02 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion: 95 Resp: 2624

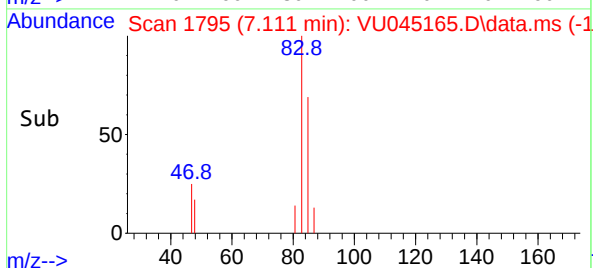
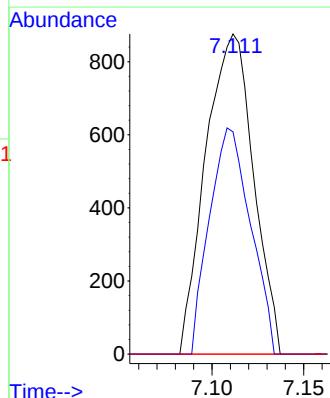
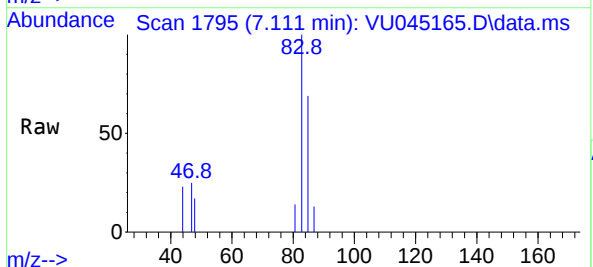
Ion	Ratio	Lower	Upper
95	100		
97	59.7	44.4	82.4
132	93.9	62.9	116.9
130	82.4	65.0	120.8

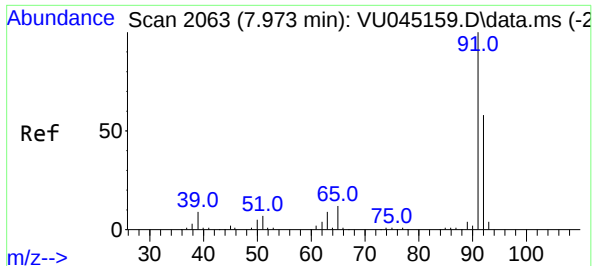


#38
Bromodichloromethane
Concen: 0.44 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Tgt Ion: 83 Resp: 1588

Ion	Ratio	Lower	Upper
83	100		
85	69.4	44.6	82.8
127	0.0	6.2	9.2#





#42

Toluene

Concen: 0.55 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045165.D

Acq: 05 Oct 2021 23:33

Tgt Ion: 91 Resp: 5987

Ion Ratio Lower Upper

91 100

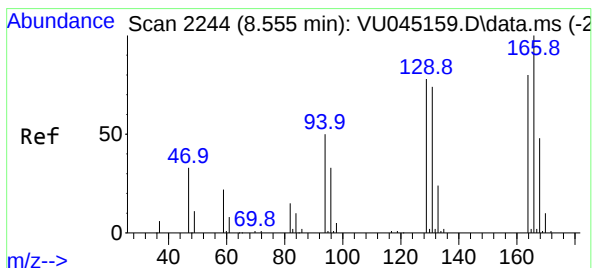
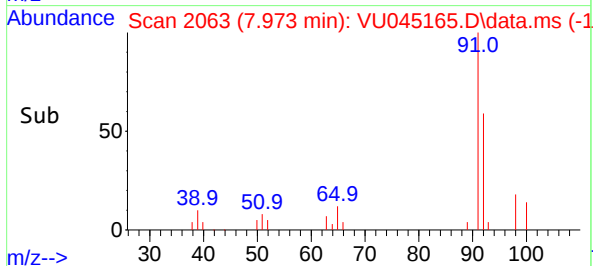
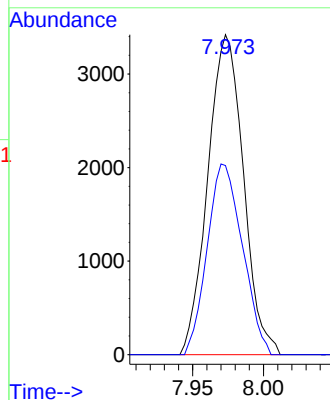
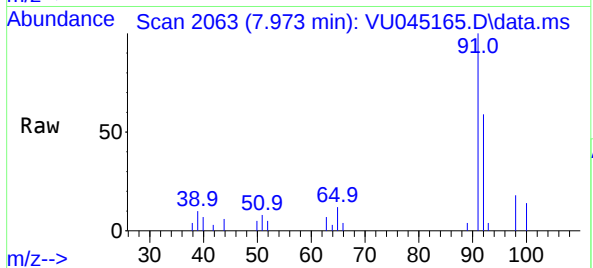
92 59.1 40.5 75.1

Instrument :

MSVOA_U

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#46

Tetrachloroethene

Concen: 49.99 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU045165.D

Acq: 05 Oct 2021 23:33

Tgt Ion: 164 Resp: 91897

Ion Ratio Lower Upper

164 100

129 99.3 69.8 129.6

131 96.3 66.4 123.2

166 129.0 91.1 169.3

