

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050958.D
 Acq On : 27 Sep 2022 15:45
 Operator : JC/MD
 Sample : N4854-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J17

Quant Time: Sep 28 02:02:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

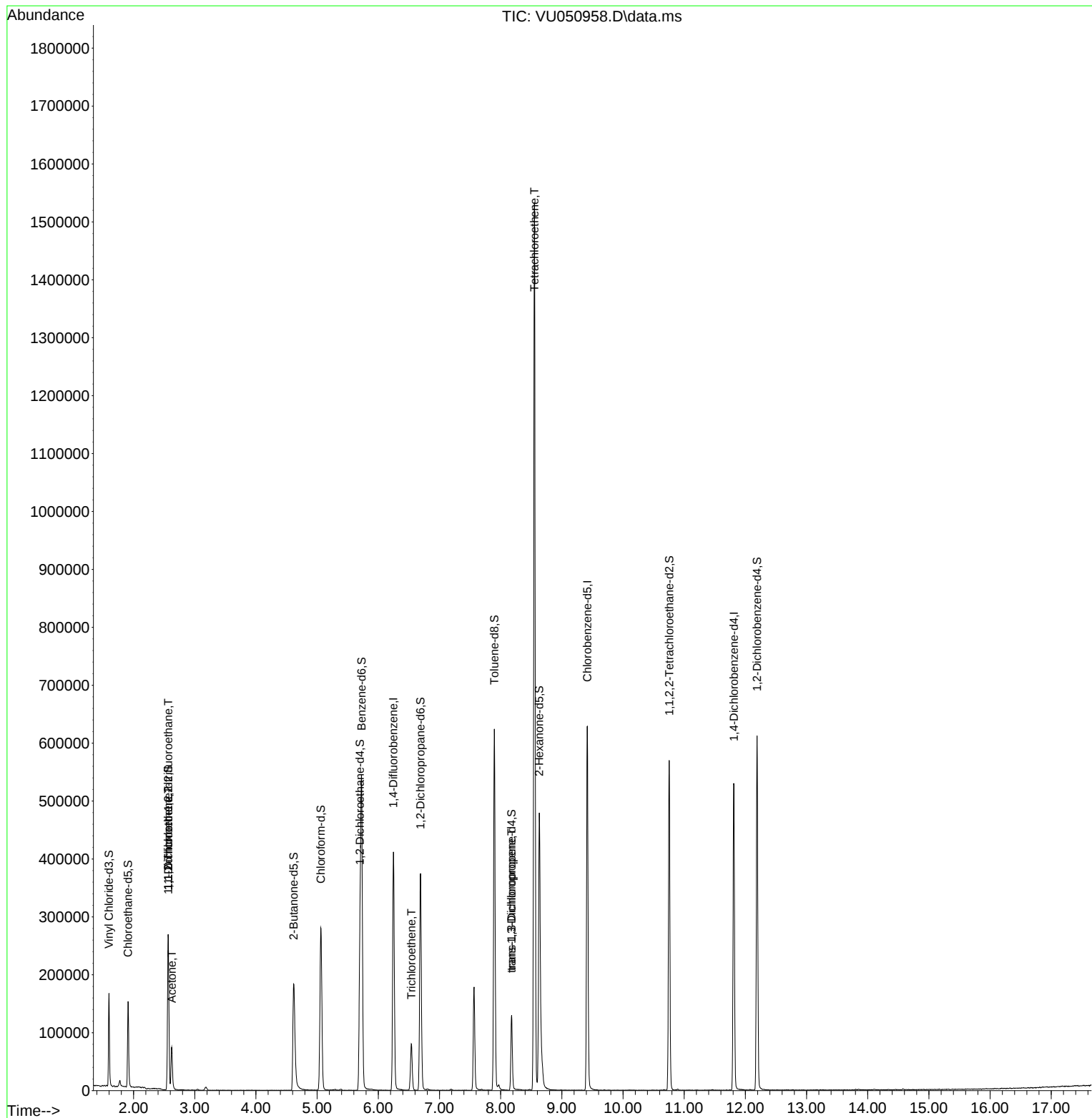
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	324807	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	140225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	115402	34.293	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.580%	
7) Chloroethane-d5	1.909	69	106243	44.329	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.660%	
11) 1,1-Dichloroethene-d2	2.565	63	154134	29.435	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.880%#	
21) 2-Butanone-d5	4.617	46	259500	119.443	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	119.440%	
24) Chloroform-d	5.060	84	263823	50.026	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.060%	
26) 1,2-Dichloroethane-d4	5.700	65	175551	54.015	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.020%	
32) Benzene-d6	5.726	84	497793	42.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.700%	
36) 1,2-Dichloropropane-d6	6.690	67	180093	45.927	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.860%	
41) Toluene-d8	7.896	98	409865	40.362	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.720%	
43) trans-1,3-Dichloroprop...	8.179	79	71953	42.179	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.360%	
47) 2-Hexanone-d5	8.629	63	146298	90.532	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.530%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	286040	47.845	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.700%	
66) 1,2-Dichlorobenzene-d4	12.192	152	155695	53.030	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.060%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1640	0.617	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1055	0.422	ug/L #	1
13) Acetone	2.623	43	78342	42.586	ug/L	99
34) Trichloroethene	6.539	95	24507	8.128	ug/L	97
44) trans-1,3-Dichloropropene	8.176	75	3152	0.697	ug/L #	79
46) Tetrachloroethene	8.552	164	325023	150.011	ug/L	97

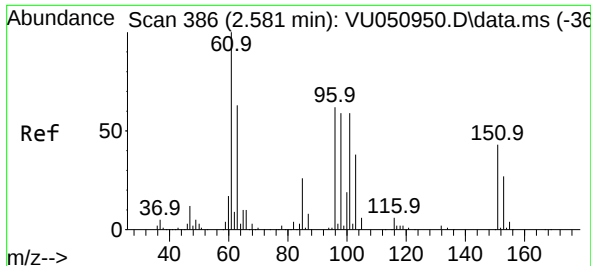
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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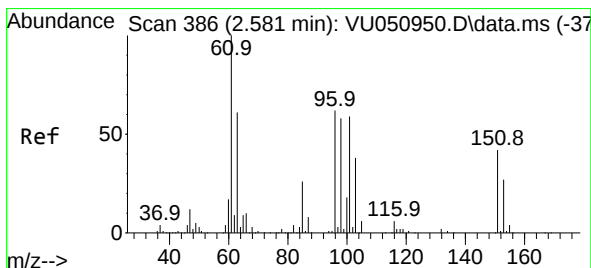
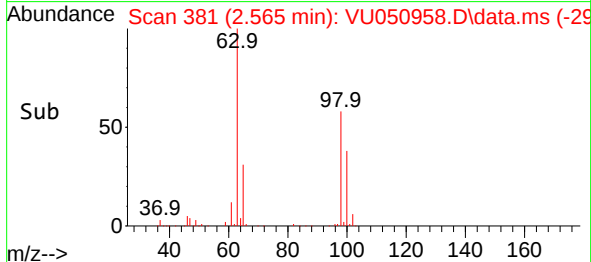
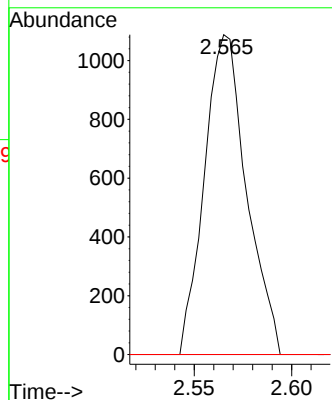
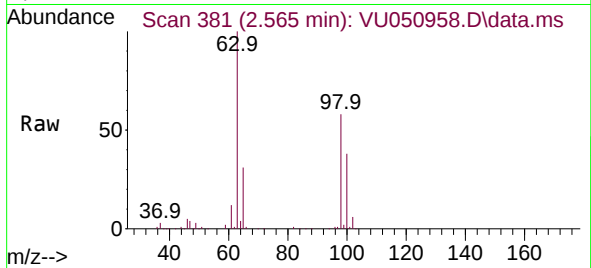




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.617 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU050958.D
Acq: 27 Sep 2022 15:45

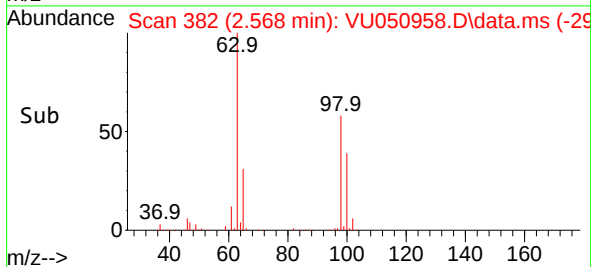
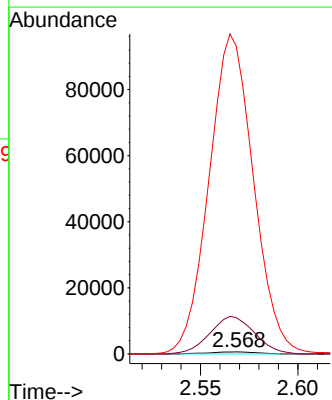
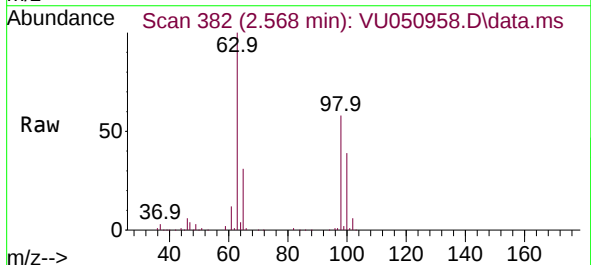
Instrument :
MSVOA_U
ClientSampleId :
F5J17

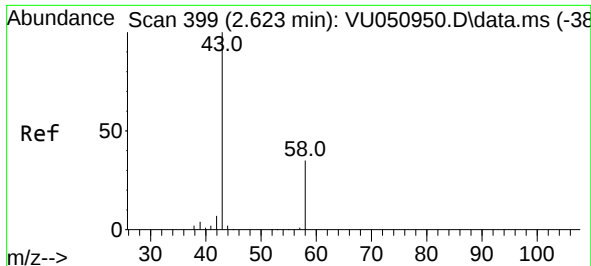
Tgt Ion:101 Resp: 1640
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.422 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU050958.D
Acq: 27 Sep 2022 15:45

Tgt Ion: 96 Resp: 1055
Ion Ratio Lower Upper
96 100
61 1779.1 118.6 220.2#
63 15100.2 90.4 168.0#





#13

Acetone

Concen: 42.586 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU050958.D

Acq: 27 Sep 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

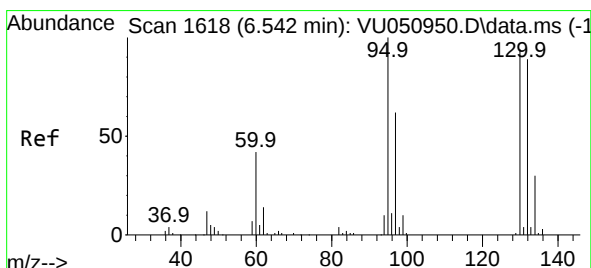
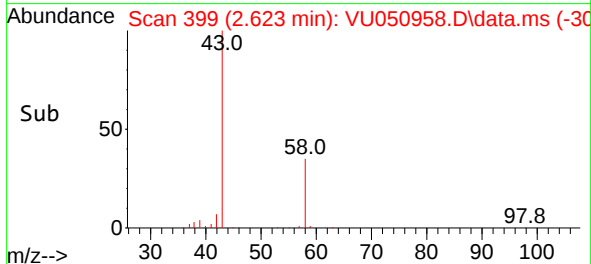
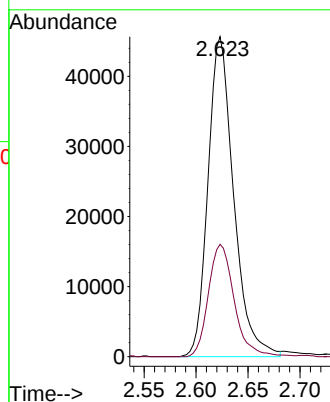
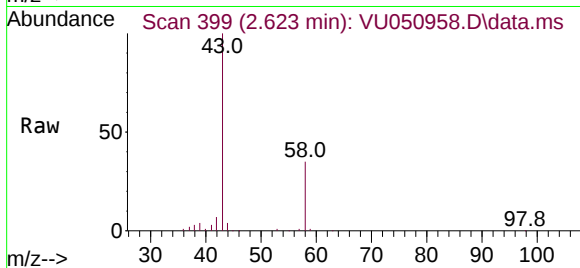
F5J17

Tgt Ion: 43 Resp: 78342

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.4



#34

Trichloroethene

Concen: 8.128 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU050958.D

Acq: 27 Sep 2022 15:45

Tgt Ion: 95 Resp: 24507

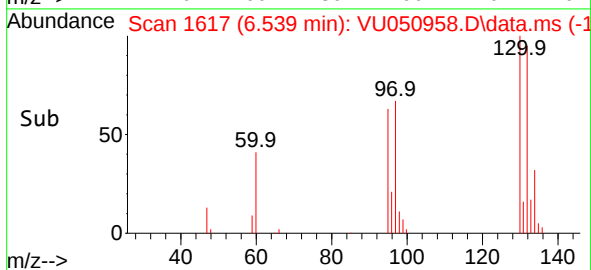
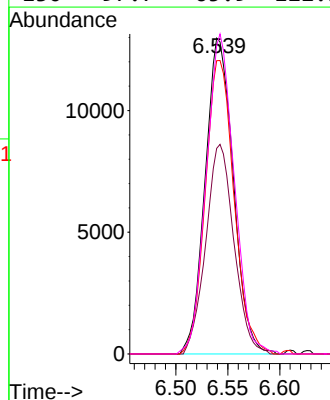
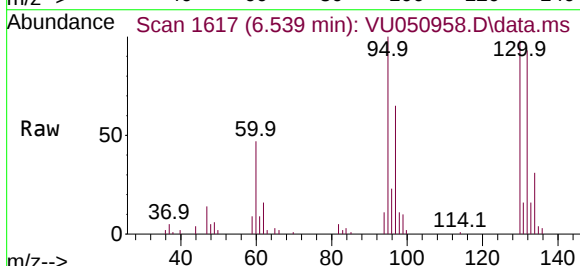
Ion Ratio Lower Upper

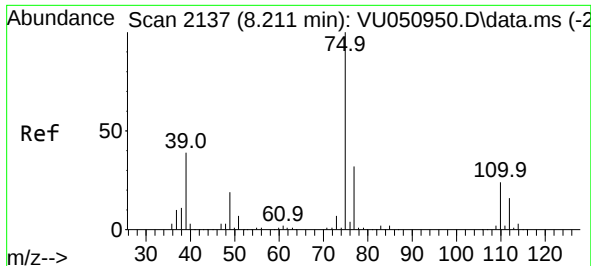
95 100

97 65.1 43.9 81.5

132 92.9 63.1 117.1

130 97.7 65.9 122.3

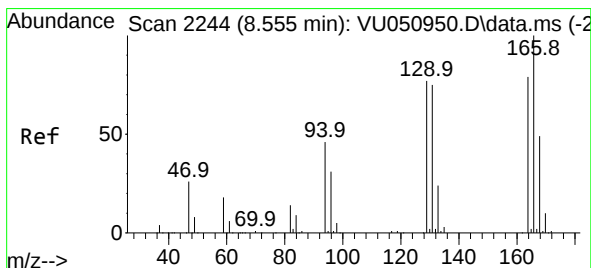
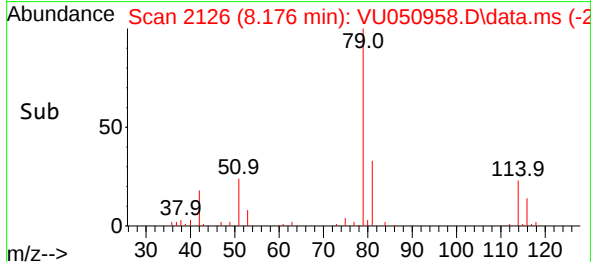
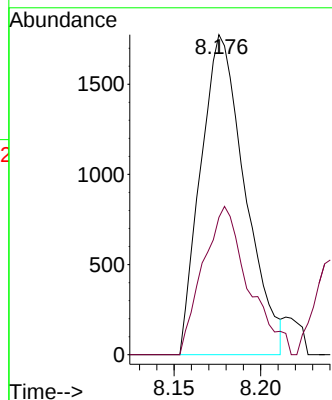
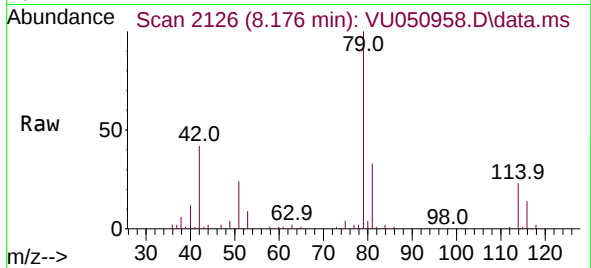




#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU050958.D
Acq: 27 Sep 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
F5J17

Tgt Ion: 75 Resp: 3152
Ion Ratio Lower Upper
75 100
77 42.9 21.9 40.7#



#46
Tetrachloroethene
Concen: 150.011 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050958.D
Acq: 27 Sep 2022 15:45

Tgt Ion:164 Resp: 325023
Ion Ratio Lower Upper
164 100
129 100.6 68.5 127.3
131 98.3 66.1 122.7
166 130.6 88.8 164.8

