

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021048.D
 Acq On : 02 Dec 2021 15:36
 Operator : SY/VA
 Sample : M4886-09
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX890

Quant Time: Dec 03 02:25:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

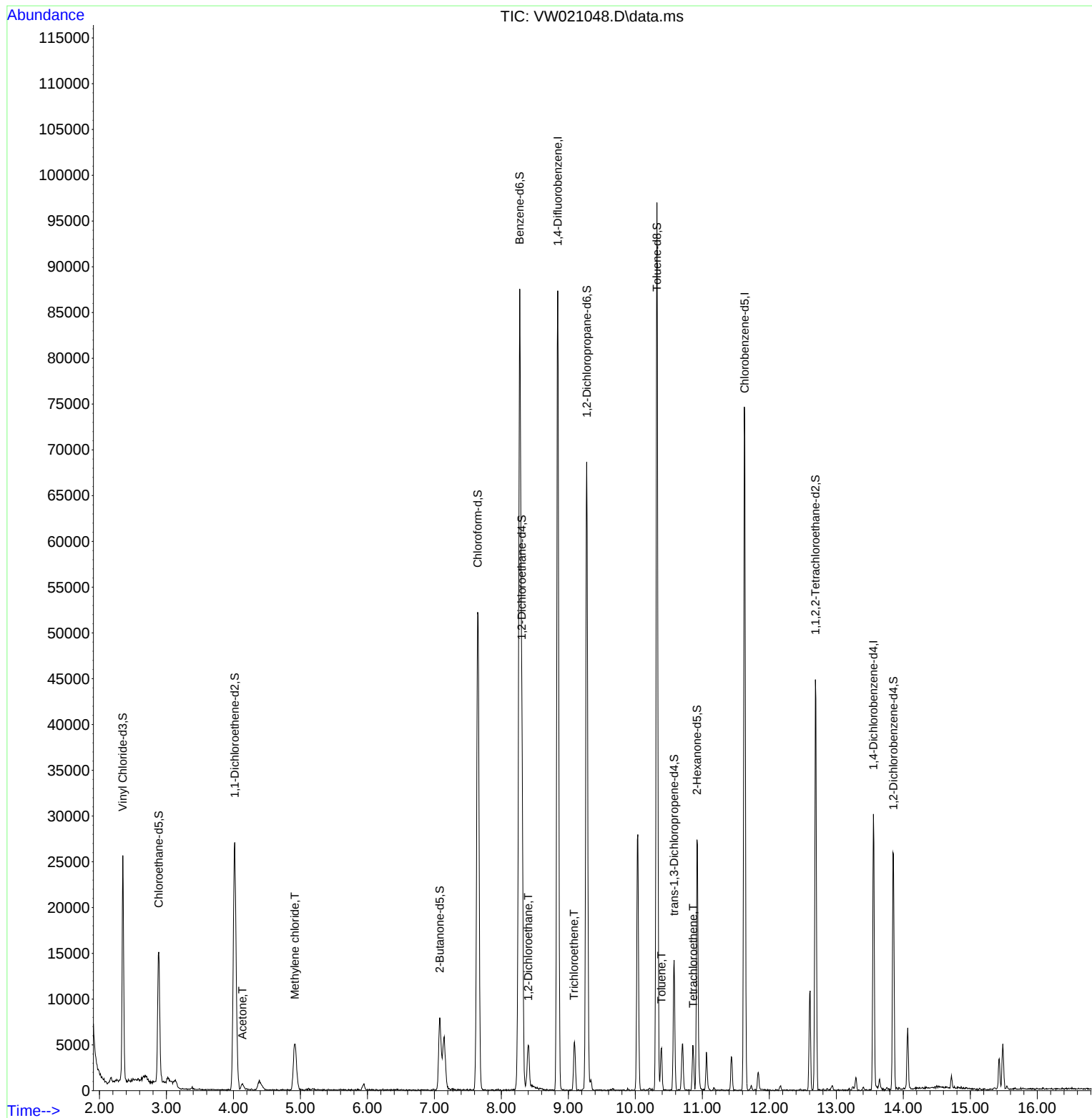
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	76074	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	42040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	7909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21660	24.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.885	69	17369	30.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.080%
11) 1,1-Dichloroethene-d2	4.019	63	25090	14.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.800%
21) 2-Butanone-d5	7.080	46	13139	59.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.300%
24) Chloroform-d	7.646	84	53130	27.718	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.880%
26) 1,2-Dichloroethane-d4	8.305	65	27705	28.475	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.920%
32) Benzene-d6	8.274	84	81959	36.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	147.960%#
36) 1,2-Dichloropropane-d6	9.274	67	29805	47.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	188.960%#
41) Toluene-d8	10.323	98	62246	28.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	10.579	79	7469	25.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.920	63	9036	86.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.700%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20091	41.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	166.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	7178	25.464	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.840%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1330	6.763	ug/L	87
16) Methylene chloride	4.915	84	4187	3.946	ug/L	86
27) 1,2-Dichloroethane	8.402	62	3983	3.536	ug/L	99
34) Trichloroethene	9.085	95	1810	2.719	ug/L	97
42) Toluene	10.390	91	3775	1.410	ug/L	94
46) Tetrachloroethene	10.865	164	1121	1.834	ug/L	88

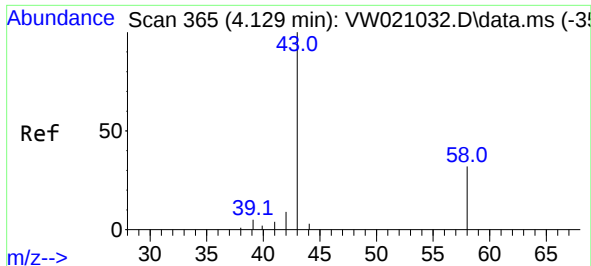
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 03 01:25:28 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.763 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Instrument :

MSVOA_W

ClientSampleId :

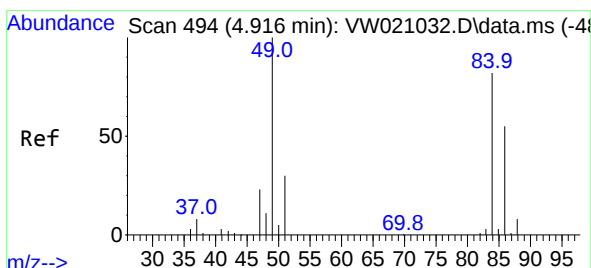
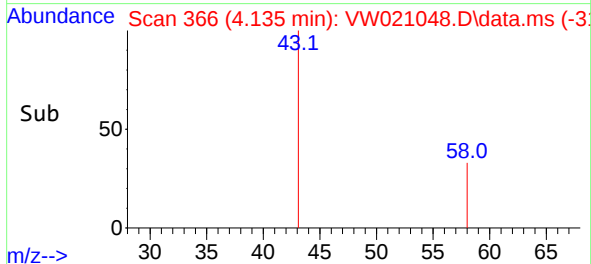
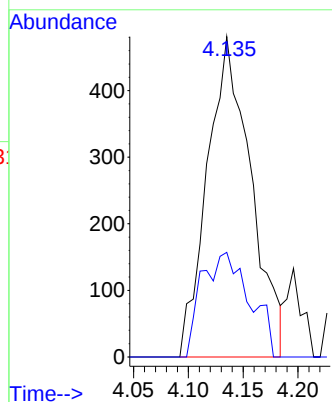
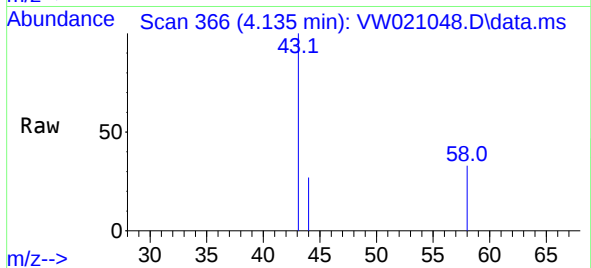
EX890

Tgt Ion: 43 Resp: 1330

Ion Ratio Lower Upper

43 100

58 19.7 0.0 52.8



#16

Methylene chloride

Concen: 3.946 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.000 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

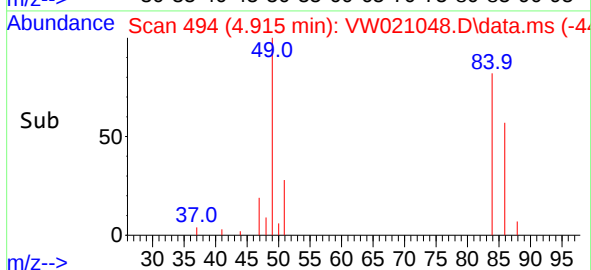
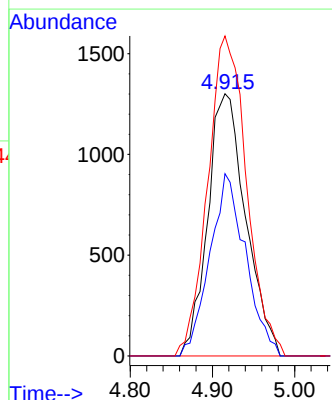
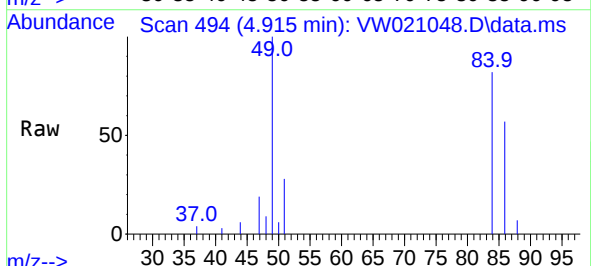
Tgt Ion: 84 Resp: 4187

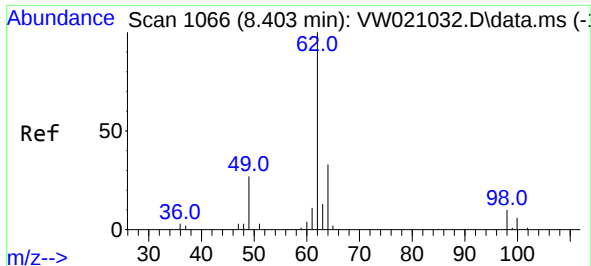
Ion Ratio Lower Upper

84 100

86 69.5 45.5 84.5

49 122.1 100.5 186.7





#27

1,2-Dichloroethane

Concen: 3.536 ug/L

RT: 8.402 min Scan# 1106

Delta R.T. -0.000 min

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Acq: 02 Dec 2021 15:36

Instrument :

MSVOA_W

ClientSampleId :

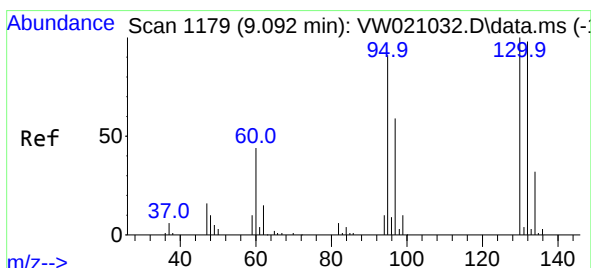
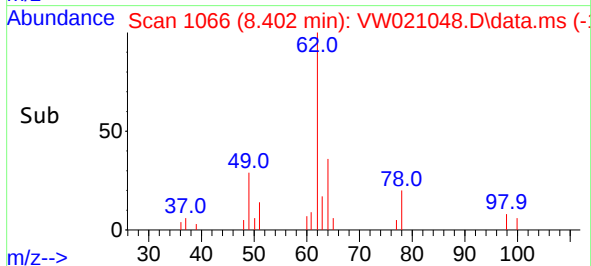
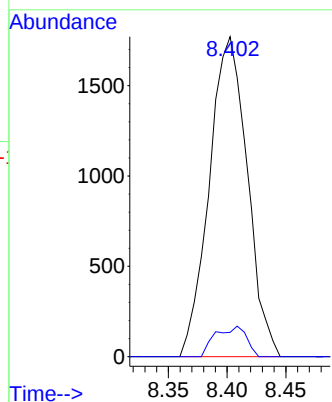
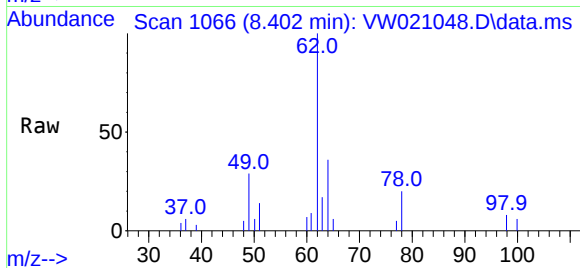
EX890

Tgt Ion: 62 Resp: 3983

Ion Ratio Lower Upper

62 100

98 7.6 6.5 9.7



#34

Trichloroethene

Concen: 2.719 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW021048.D

Acq: 02 Dec 2021 15:36

Tgt Ion: 95 Resp: 1810

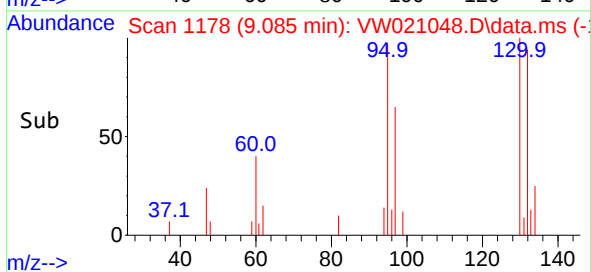
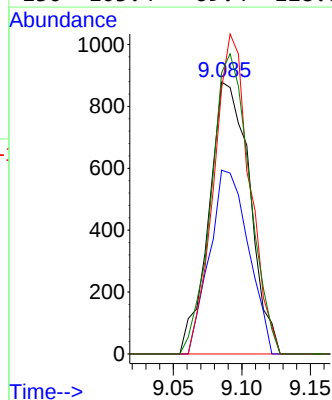
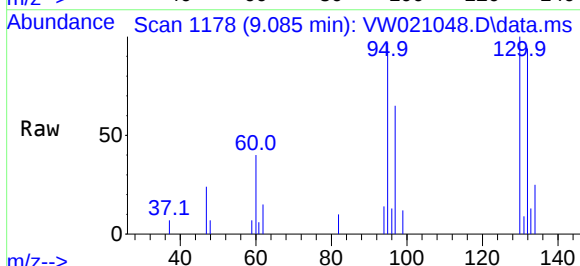
Ion Ratio Lower Upper

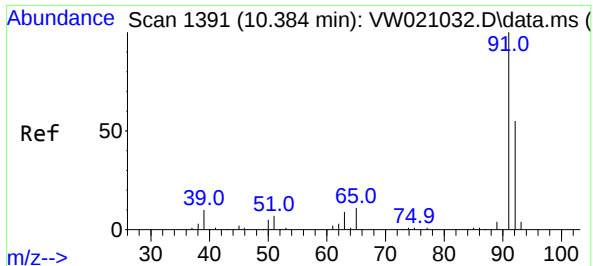
95 100

97 67.6 47.0 87.2

132 97.6 65.5 121.6

130 103.4 69.4 128.8

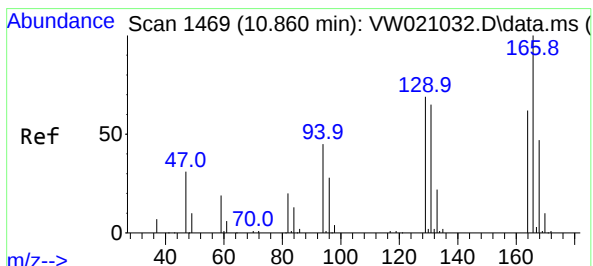
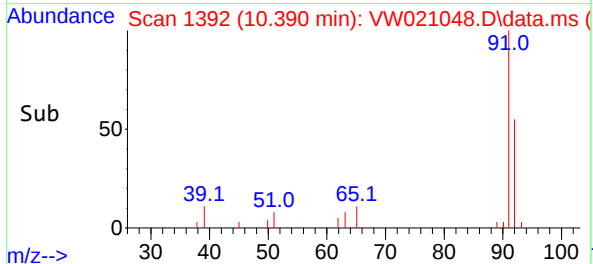
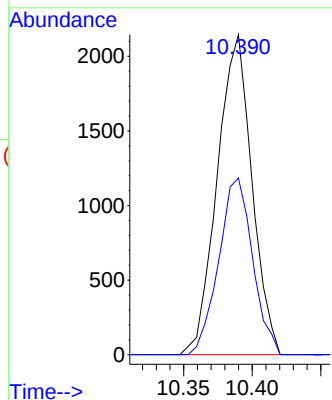
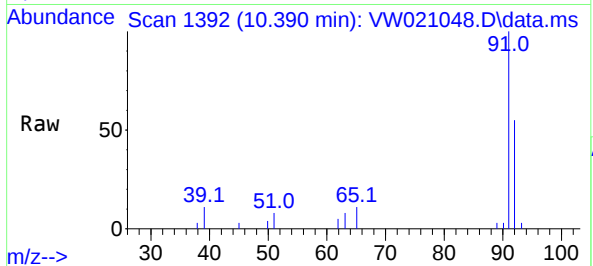




#42
Toluene
Concen: 1.410 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

Instrument :
MSVOA_W
ClientSampleId :
EX890

Tgt Ion: 91 Resp: 3775
Ion Ratio Lower Upper
91 100
92 55.2 41.7 77.5



#46
Tetrachloroethene
Concen: 1.834 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021048.D
Acq: 02 Dec 2021 15:36

Tgt Ion:164 Resp: 1121
Ion Ratio Lower Upper
164 100
129 80.7 65.5 121.7
131 86.7 59.7 110.9
166 107.3 88.7 164.7

