

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026562.D
 Acq On : 05 Sep 2018 23:12
 Operator : MD/SY
 Sample : J4718-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGC3

Quant Time: Sep 06 07:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	159154	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42415	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.68	69	40134	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.12%
11) 1,1-Dichloroethene-d2	2.27	63	63658	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	4.18	46	79726	104.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.17%
24) Chloroform-d	4.65	84	85918	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
26) 1,2-Dichloroethane-d4	5.31	65	57623	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.34	84	165198	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	6.33	67	59936	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.57	98	143857	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%
43) trans-1,3-Dichloropropene-	7.85	79	23520	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.31	63	55641	101.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	84308	47.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	59619	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

Target Compounds

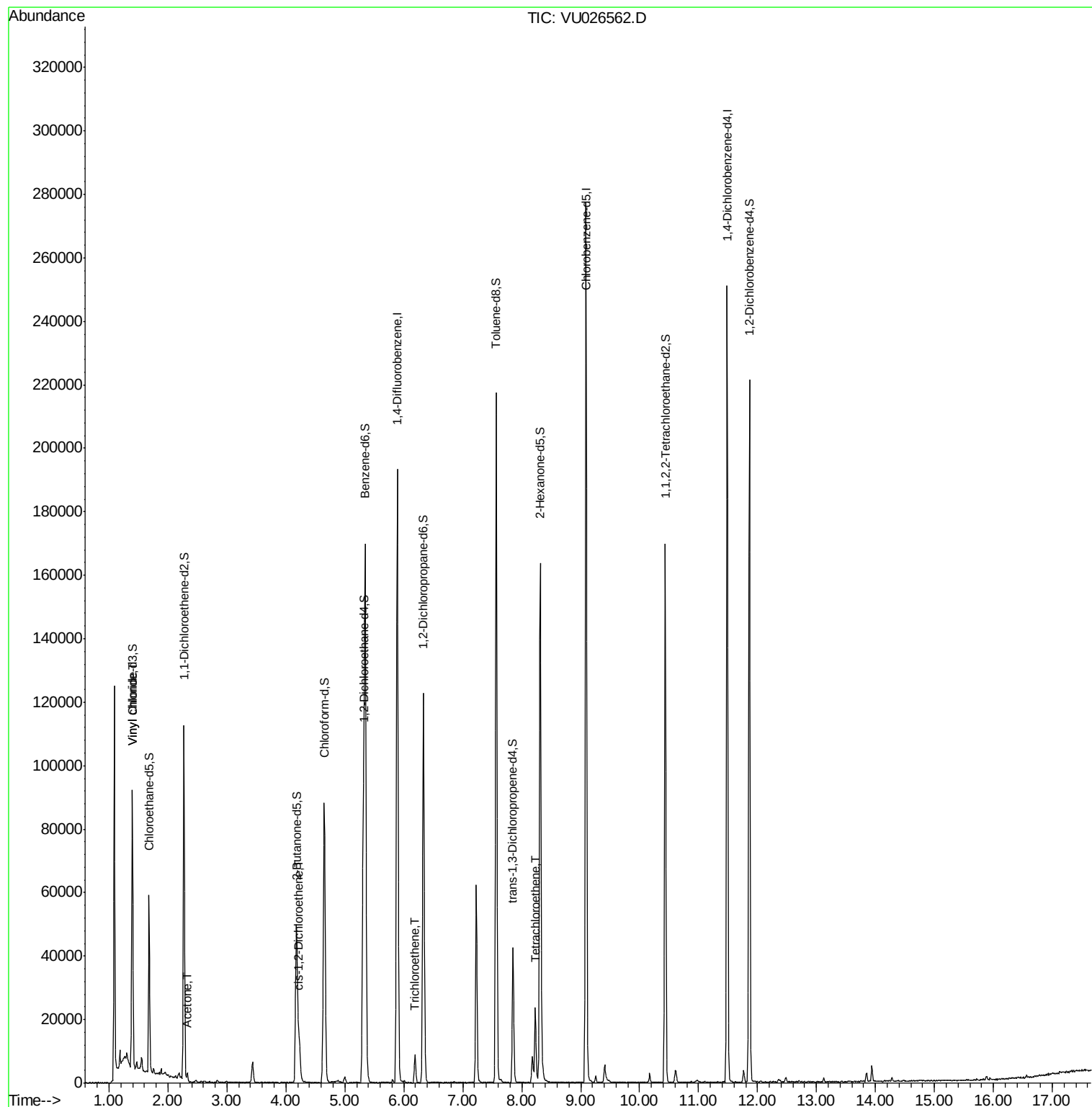
					Ovalue
5) Vinyl chloride	1.40	62	9318	5.61 ug/L	# 82
13) Acetone	2.32	43	2480	3.74 ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	5886	5.11 ug/L	97
34) Trichloroethene	6.19	95	3197	2.94 ug/L	94
46) Tetrachloroethene	8.23	164	5041	5.67 ug/L	97

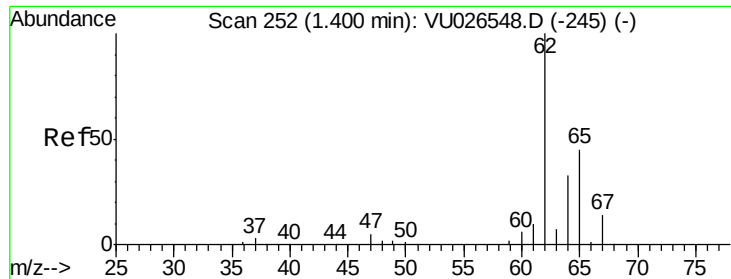
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.61 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 05 Sep 2018 23:12

Instrument :

MSVOA_U

ClientSampleId :

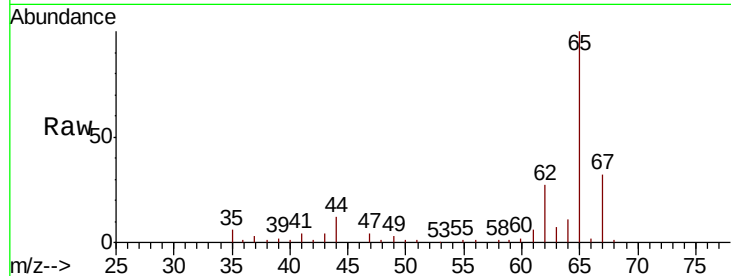
BEGC3

Tot Ion: 62 Resp: 9318

Ion Ratio Lower Upper

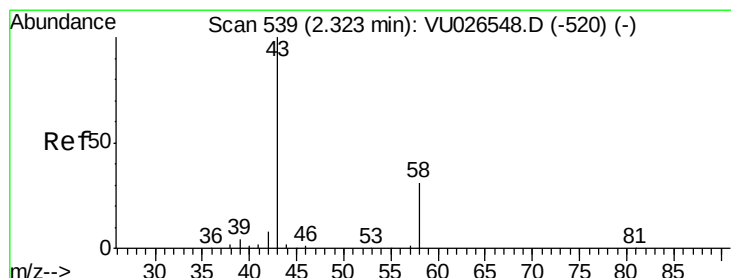
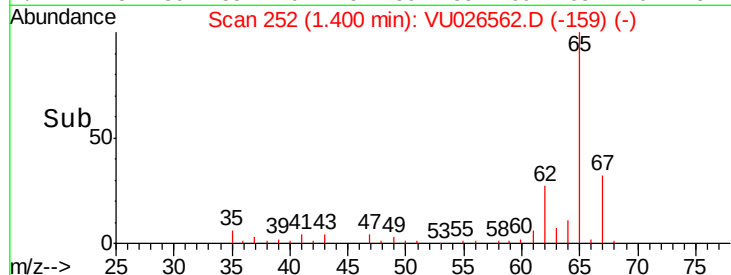
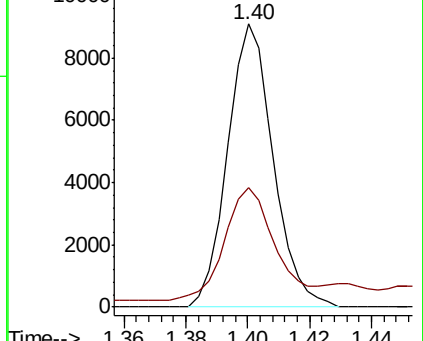
62 100

64 42.2 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 3.74 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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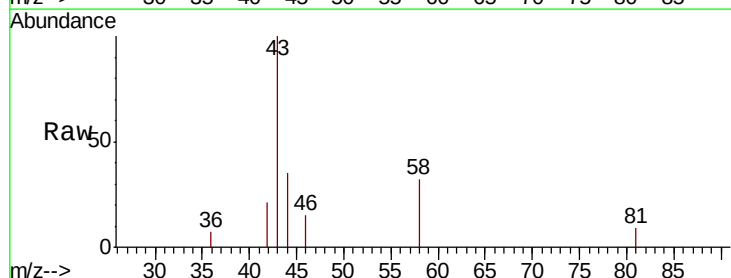
Acq: 05 Sep 2018 23:12

Tgt Ion: 43 Resp: 2480

Ion Ratio Lower Upper

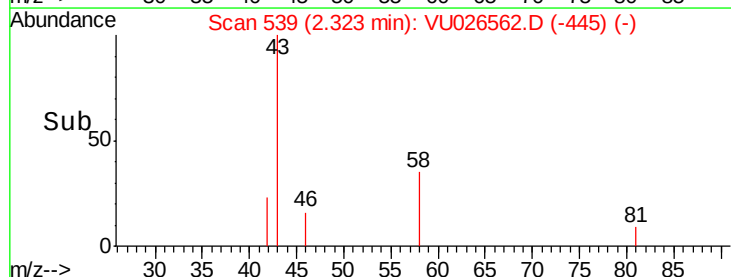
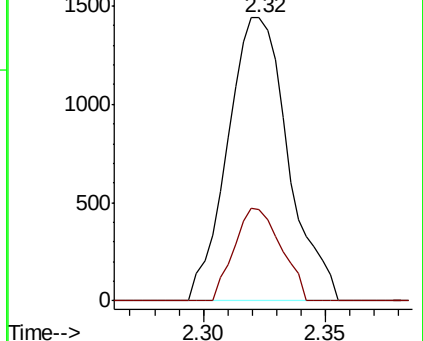
43 100

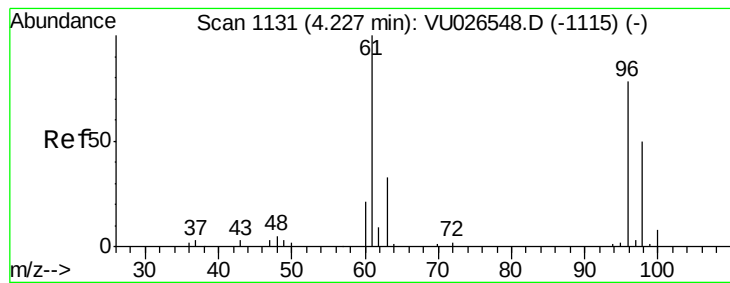
58 25.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 5.11 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026562.D

Acq: 05 Sep 2018 23:12

Instrument :

MSVOA_U

ClientSampleId :

BEGC3

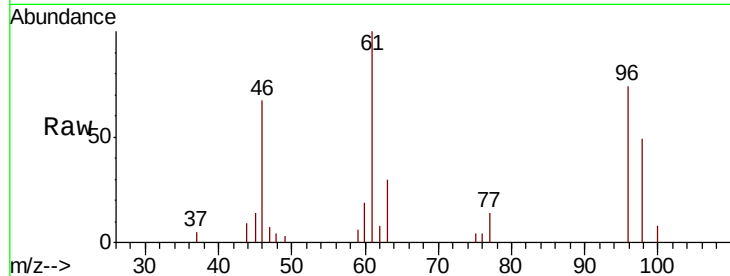
Tot Ion: 96 Resp: 5886

Ion Ratio Lower Upper

96 100

61 134.5 91.6 170.2

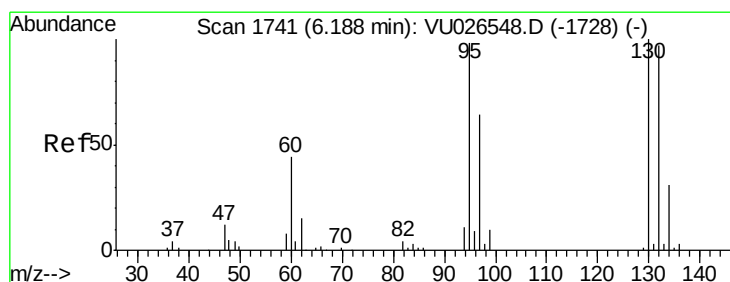
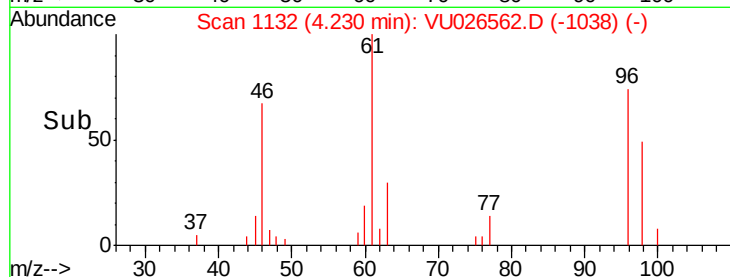
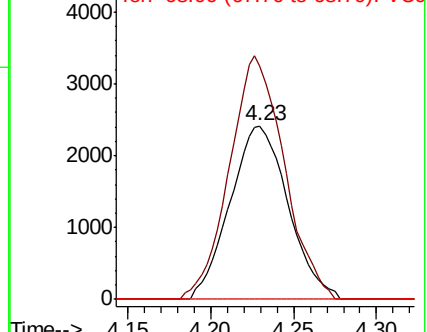
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 2.94 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026562.D

Acq: 05 Sep 2018 23:12

Tgt Ion: 95 Resp: 3197

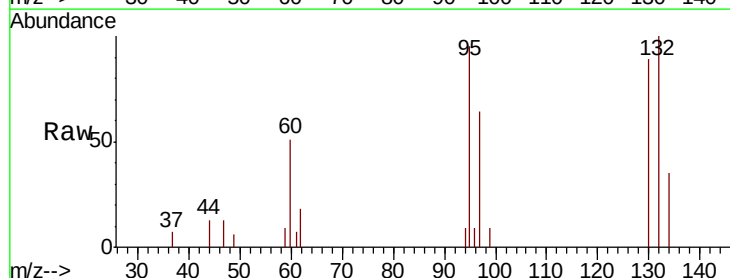
Ion Ratio Lower Upper

95 100

97 67.2 45.1 83.7

132 105.2 67.5 125.3

130 94.0 69.3 128.7

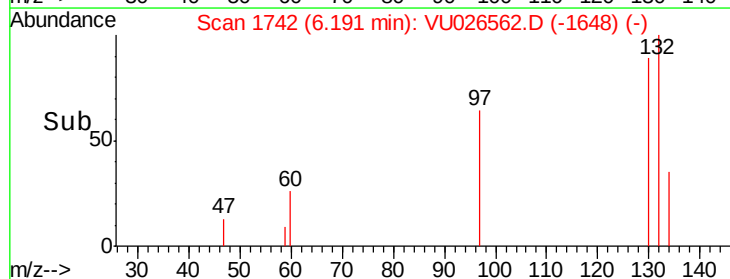
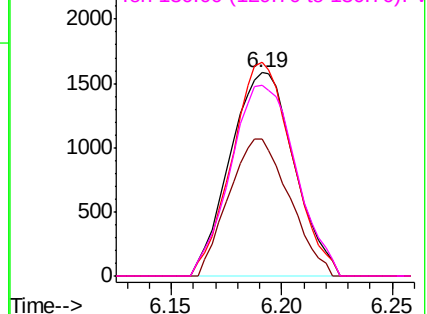


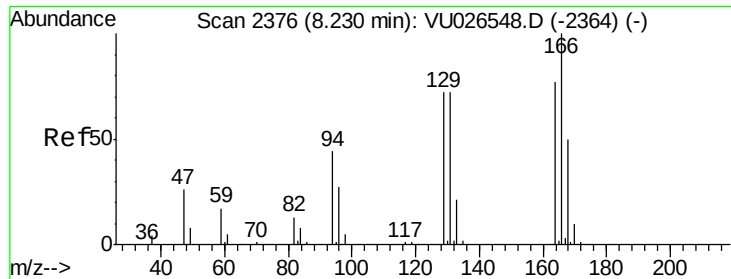
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46
Tetrachloroethene
Concen: 5.67 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026562.D
Acq: 05 Sep 2018 23:12

Instrument :
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Tot Ion:	164	Resp:	5041
Ion	Ratio	Lower	Upper
164	100		
129	101.4	67.3	125.1
131	96.5	65.3	121.3
166	130.6	90.9	168.7

