

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050881.D
 Acq On : 21 Sep 2022 17:36
 Operator : JC/MD
 Sample : VIBLK135
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK135

Quant Time: Sep 22 02:14:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

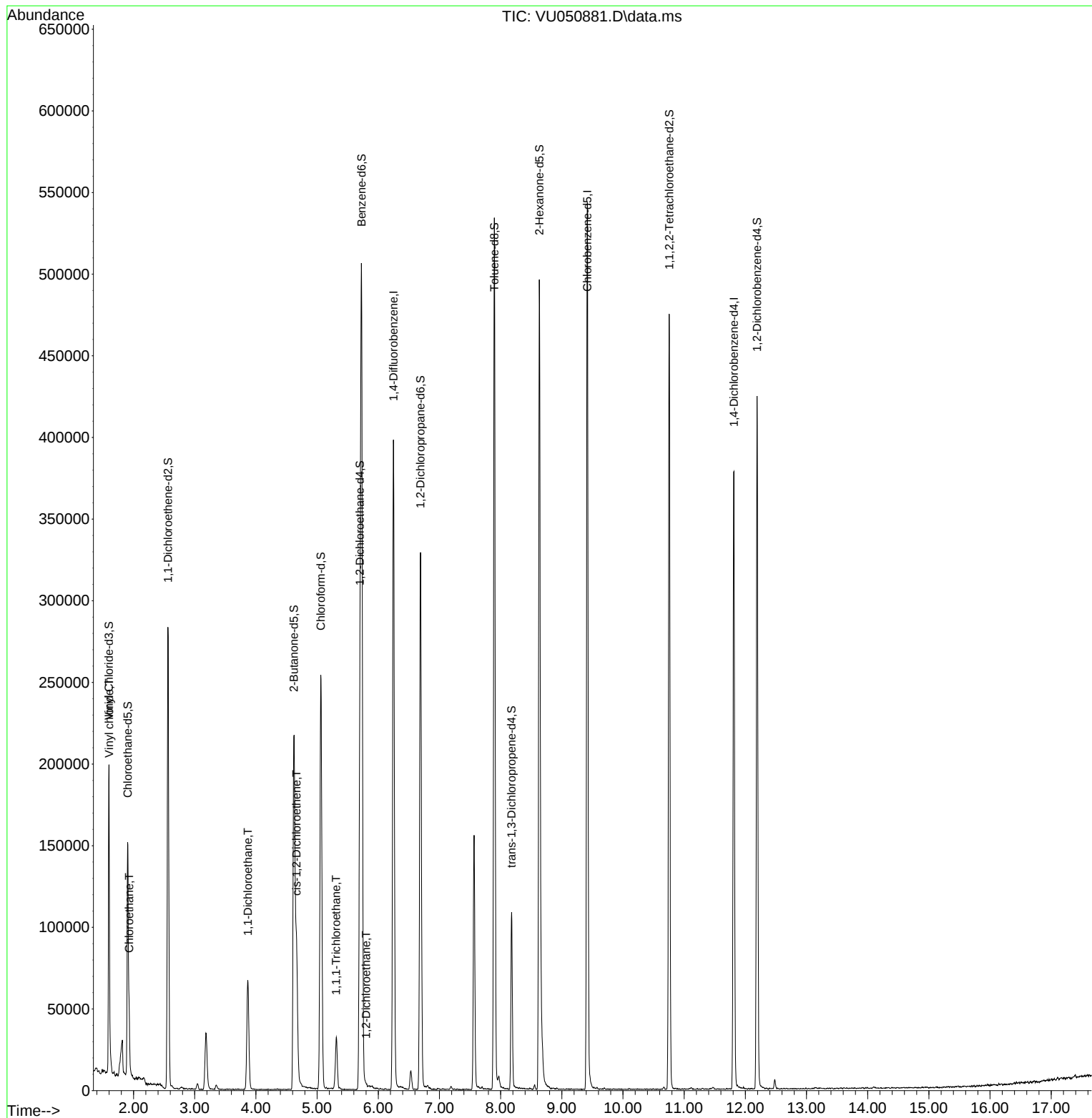
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	298412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	102158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	134733	41.779	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.560%	
7) Chloroethane-d5	1.903	69	108458	47.223	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.440%	
11) 1,1-Dichloroethene-d2	2.562	63	166461	33.173	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.340%	
21) 2-Butanone-d5	4.620	46	284956	136.868	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	136.870%#	
24) Chloroform-d	5.061	84	236682	46.832	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.660%	
26) 1,2-Dichloroethane-d4	5.700	65	155225	49.839	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.680%	
32) Benzene-d6	5.726	84	462328	47.037	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.080%	
36) 1,2-Dichloropropane-d6	6.691	67	162410	48.952	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.900%	
41) Toluene-d8	7.896	98	355659	41.395	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.179	79	59967	41.548	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.100%	
47) 2-Hexanone-d5	8.633	63	153488	112.261	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	112.260%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	244846	48.405	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.820%	
66) 1,2-Dichlorobenzene-d4	12.192	152	110421	51.624	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.240%	
Target Compounds						
5) Vinyl chloride	1.601	62	14697	4.007	ug/L #	77
8) Chloroethane	1.926	64	22503	11.080	ug/L	94
19) 1,1-Dichloroethane	3.868	63	77219	15.582	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	34701	12.760	ug/L	94
27) 1,2-Dichloroethane	5.800	62	1518	0.404	ug/L #	83
30) 1,1,1-Trichloroethane	5.311	97	22072	5.560	ug/L	98

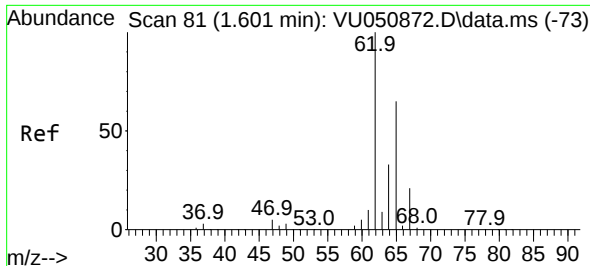
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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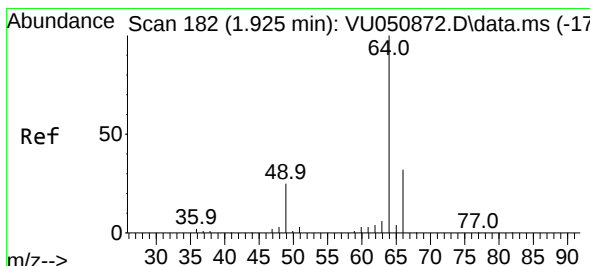
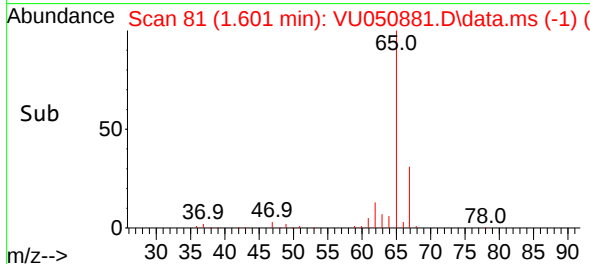
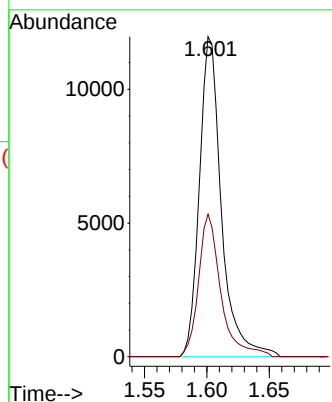
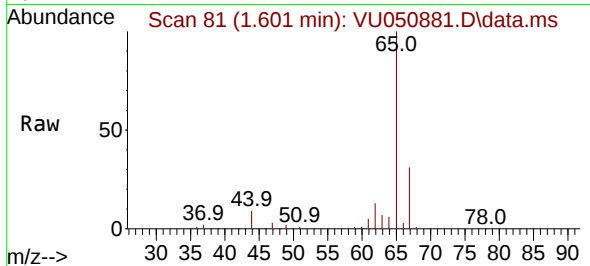




#5
 Vinyl chloride
 Concen: 4.007 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050881.D
 Acq: 21 Sep 2022 17:36

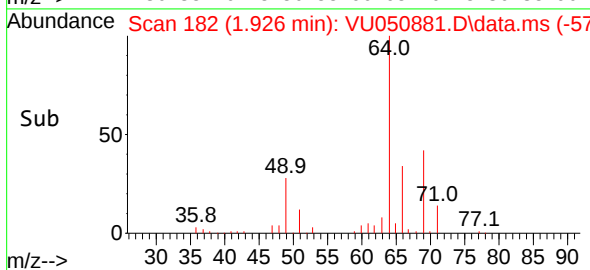
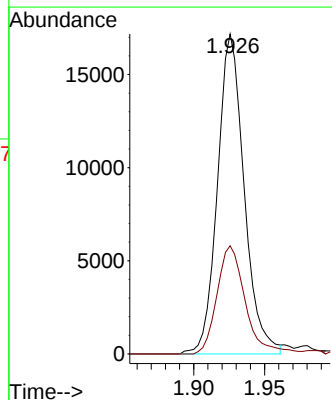
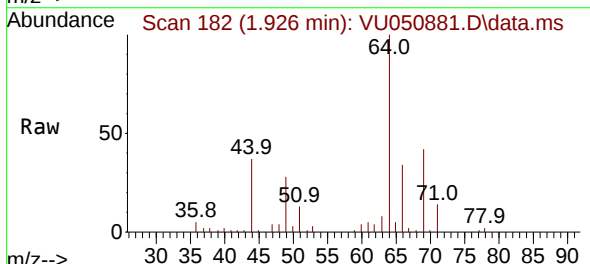
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK135

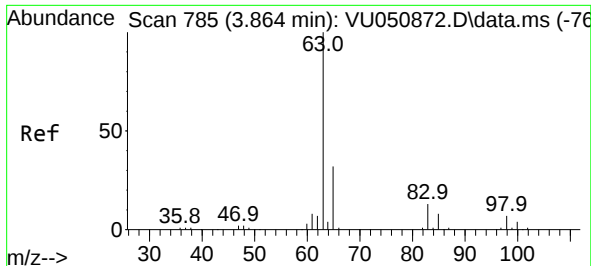
Tgt Ion: 62 Resp: 14697
 Ion Ratio Lower Upper
 62 100
 64 44.5 22.2 41.2#



#8
 Chloroethane
 Concen: 11.080 ug/L
 RT: 1.926 min Scan# 182
 Delta R.T. 0.000 min
 Lab File: VU050881.D
 Acq: 21 Sep 2022 17:36

Tgt Ion: 64 Resp: 22503
 Ion Ratio Lower Upper
 64 100
 66 35.9 22.9 42.5





#19

1,1-Dichloroethane

Concen: 15.582 ug/L

RT: 3.868 min Scan# 7

Delta R.T. 0.004 min

Lab File: VU050881.D

Acq: 21 Sep 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

VIBLK135

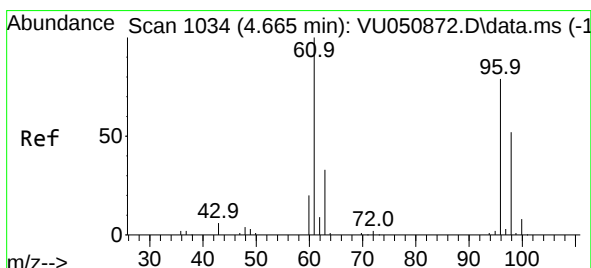
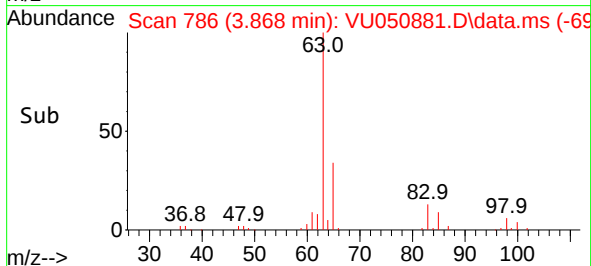
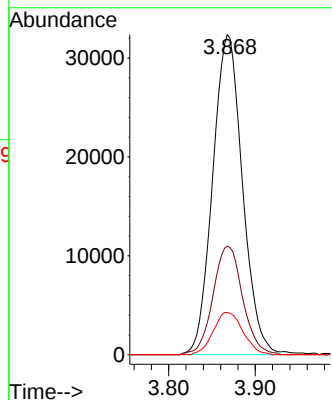
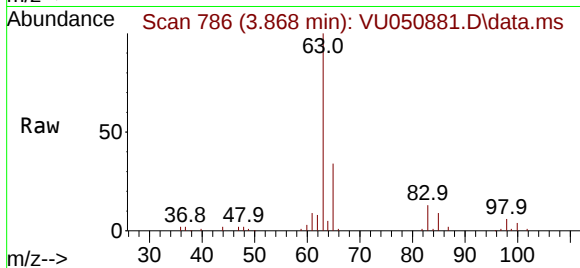
Tgt Ion: 63 Resp: 77219

Ion Ratio Lower Upper

63 100

65 33.9 21.5 39.9

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 12.760 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050881.D

Acq: 21 Sep 2022 17:36

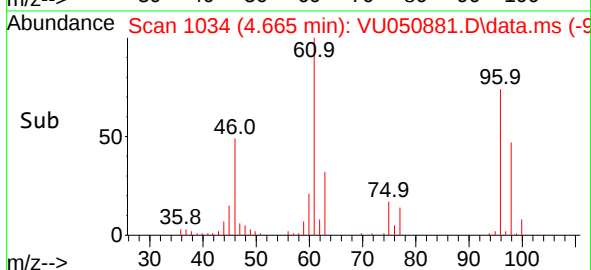
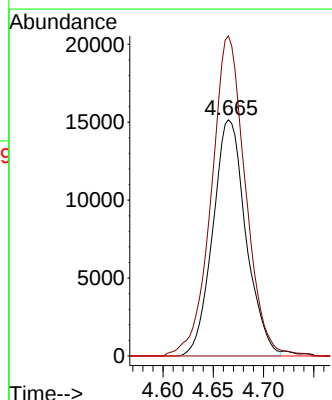
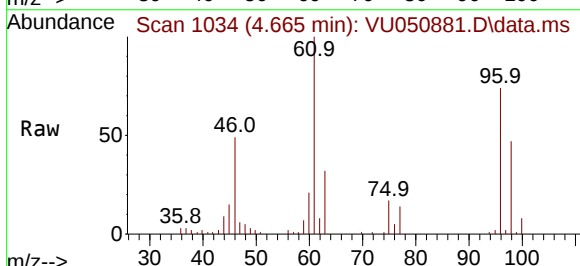
Tgt Ion: 96 Resp: 34701

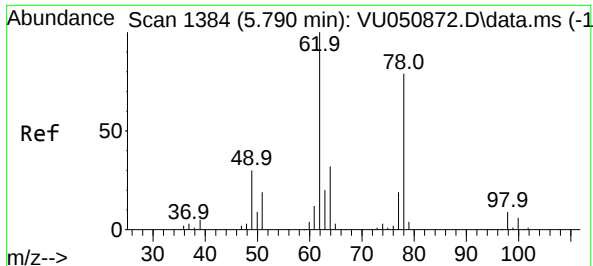
Ion Ratio Lower Upper

96 100

61 135.5 90.1 167.3

68 0.0 0.0 0.0

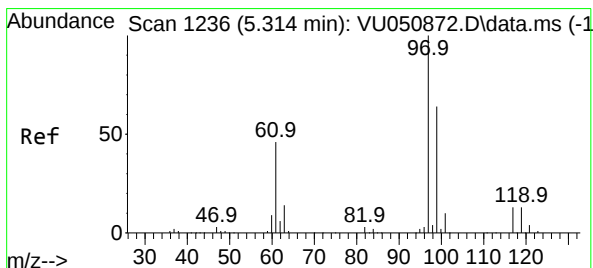
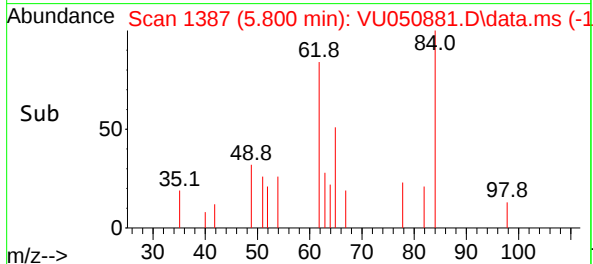
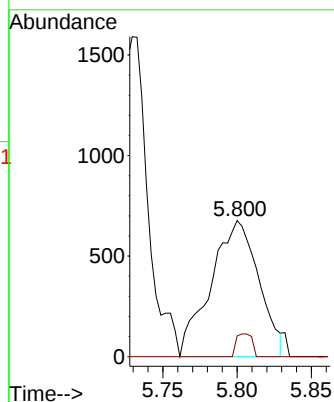
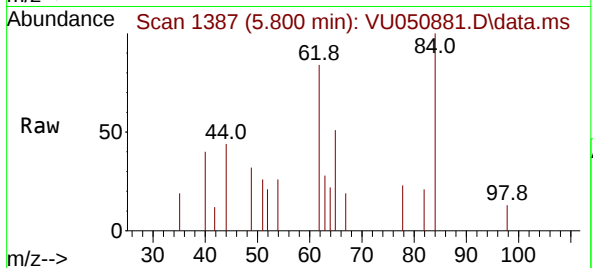




#27
1,2-Dichloroethane
Concen: 0.404 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU050881.D
Acq: 21 Sep 2022 17:36

Instrument :
MSVOA_U
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VIBLK135

Tgt Ion: 62 Resp: 1518
Ion Ratio Lower Upper
62 100
98 15.2 7.4 11.0#



#30
1,1,1-Trichloroethane
Concen: 5.560 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU050881.D
Acq: 21 Sep 2022 17:36

Tgt Ion: 97 Resp: 22072
Ion Ratio Lower Upper
97 100
99 63.3 52.2 78.2
61 48.0 37.1 55.7

