

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051056.D
 Acq On : 01 Oct 2022 00:19
 Operator : JC/MD
 Sample : N4869-03DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:31:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

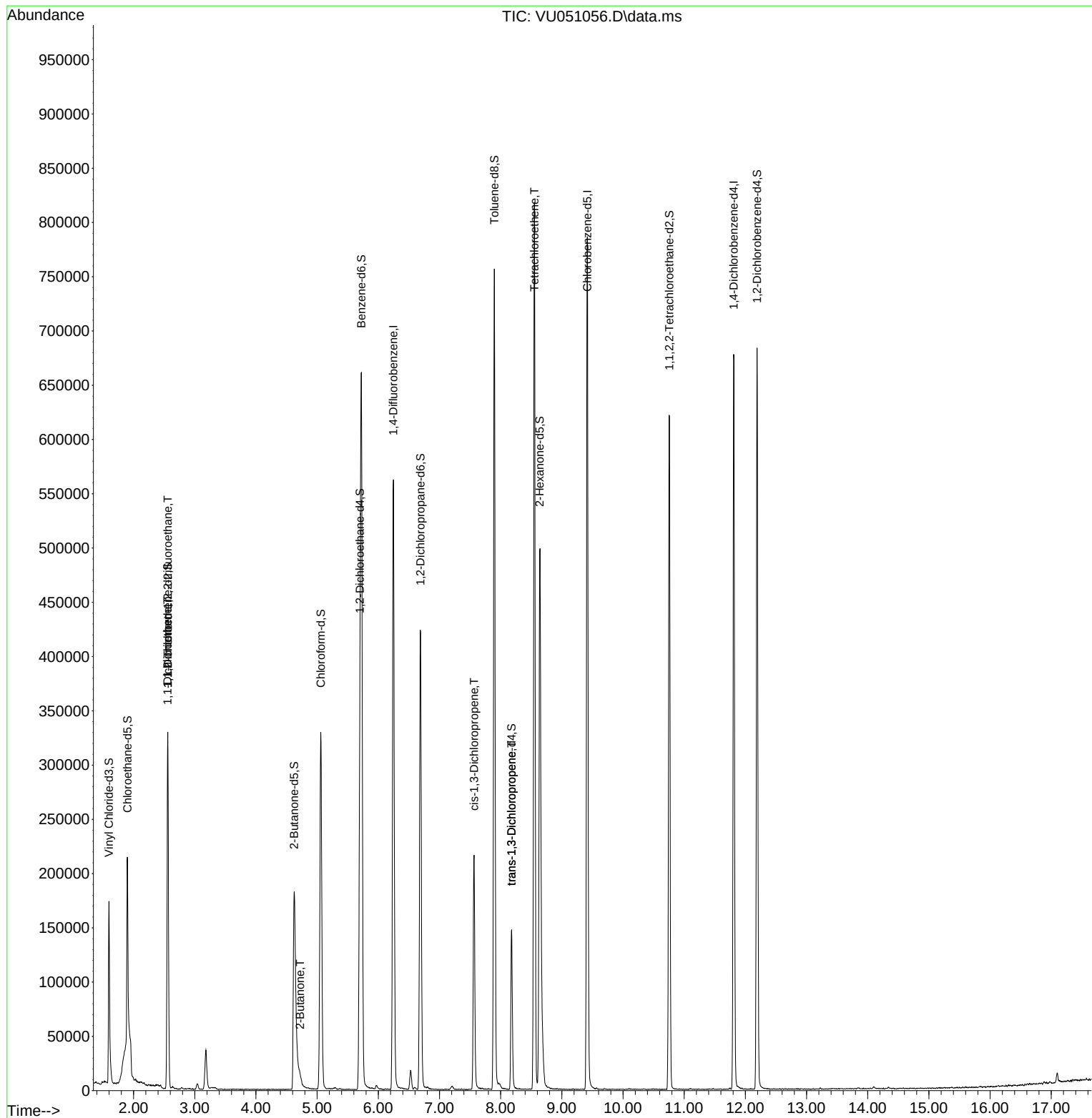
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	447784	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	441270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	174348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143201	31.556	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.120%	
7) Chloroethane-d5	1.900	69	120697	28.632	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	57.260%#	
11) 1,1-Dichloroethene-d2	2.559	63	194074	28.951	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	57.900%#	
21) 2-Butanone-d5	4.623	46	298382	101.376	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.380%	
24) Chloroform-d	5.060	84	306628	41.939	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.880%	
26) 1,2-Dichloroethane-d4	5.700	65	201267	44.474	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.940%	
32) Benzene-d6	5.723	84	614177	47.529	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.060%	
36) 1,2-Dichloropropane-d6	6.687	67	208347	49.688	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.380%	
41) Toluene-d8	7.896	98	505434	42.335	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.660%	
43) trans-1,3-Dichloroprop...	8.179	79	84085	42.043	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.080%	
47) 2-Hexanone-d5	8.639	63	170758	100.855	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.860%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	326145	44.505	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.020%	
66) 1,2-Dichlorobenzene-d4	12.192	152	176400	47.361	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.720%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1966	0.575	ug/L #	23
12) 1,1-Dichloroethene	2.555	96	1189	0.372	ug/L #	1
22) 2-Butanone	4.723	43	6501	2.002	ug/L	90
39) cis-1,3-Dichloropropene	7.565	75	4746	0.925	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	3661	0.706	ug/L	88
46) Tetrachloroethene	8.552	164	176643	66.895	ug/L	99

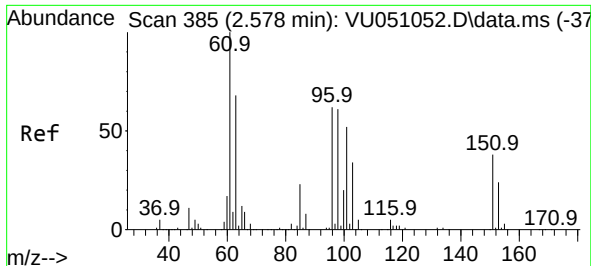
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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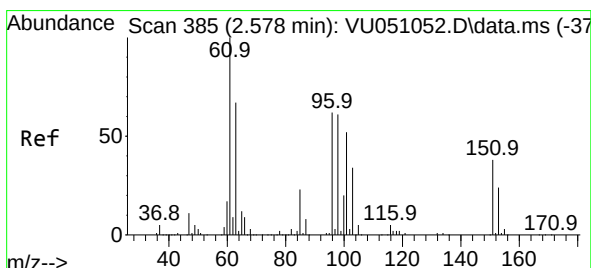
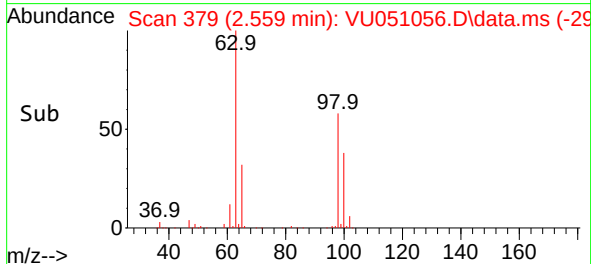
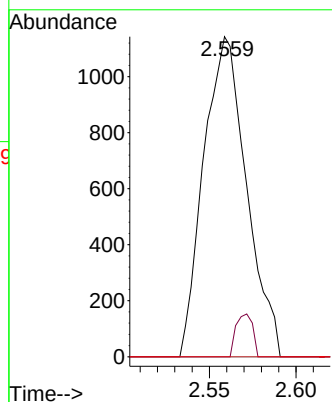
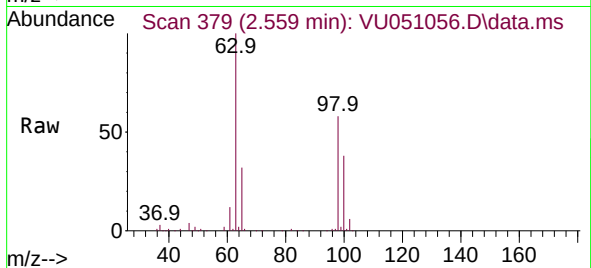




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.575 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU051056.D
 Acq: 01 Oct 2022 00:19

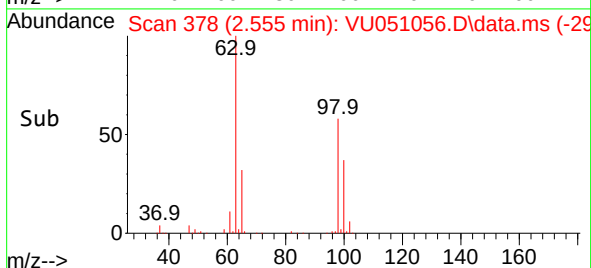
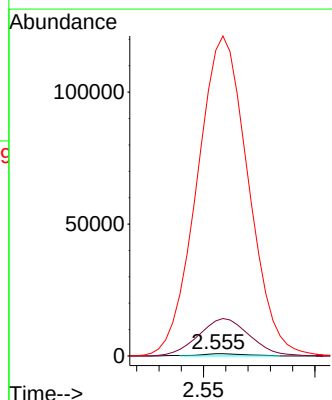
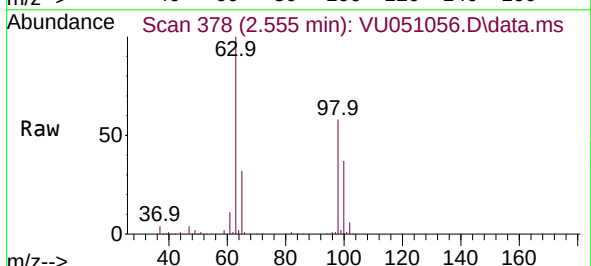
Instrument :
 MSVOA_U
 ClientSampleId :

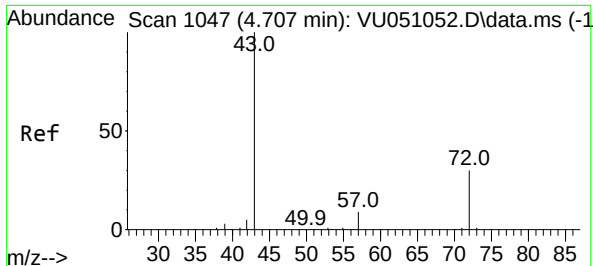
Tgt Ion:101 Resp: 1966
 Ion Ratio Lower Upper
 101 100
 85 5.2 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.372 ug/L
 RT: 2.555 min Scan# 378
 Delta R.T. -0.023 min
 Lab File: VU051056.D
 Acq: 01 Oct 2022 00:19

Tgt Ion: 96 Resp: 1189
 Ion Ratio Lower Upper
 96 100
 61 1571.5 113.0 209.9#
 63 13687.0 91.7 170.3#





#22

2-Butanone

Concen: 2.002 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.016 min

Lab File: VU051056.D

Acq: 01 Oct 2022 00:19

Instrument :

MSVOA_U

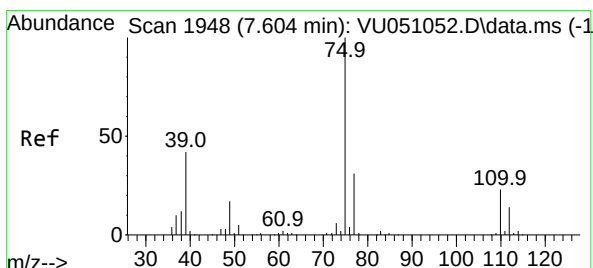
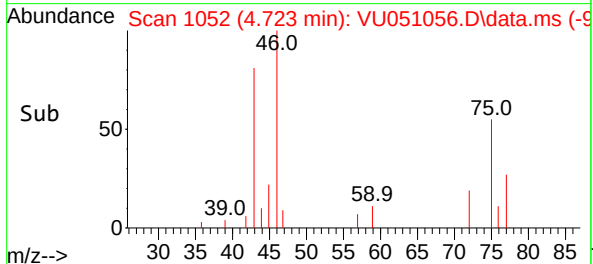
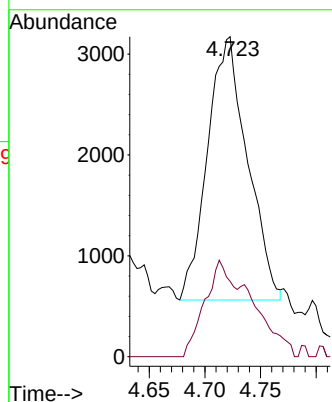
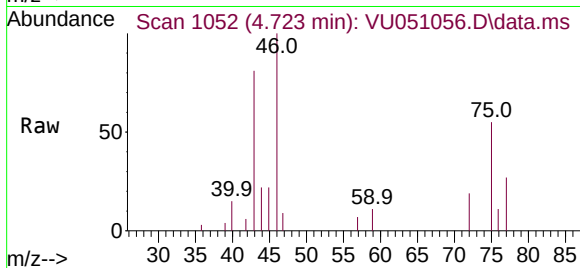
ClientSampleId :

Tgt Ion: 43 Resp: 6501

Ion Ratio Lower Upper

43 100

72 26.1 15.8 47.4



#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU051056.D

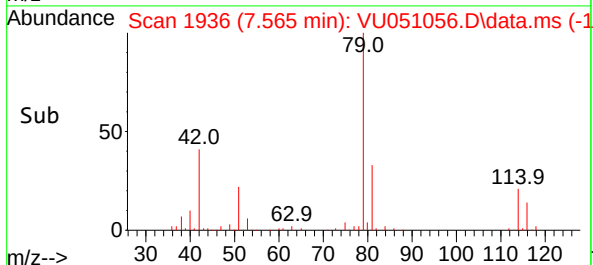
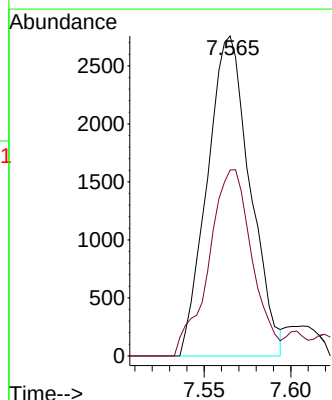
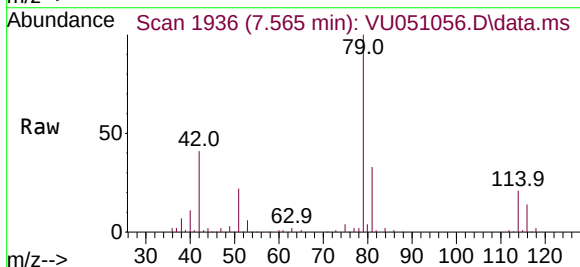
Acq: 01 Oct 2022 00:19

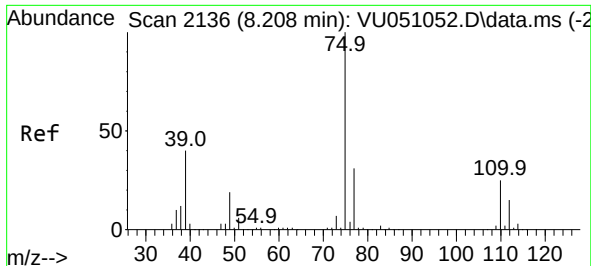
Tgt Ion: 75 Resp: 4746

Ion Ratio Lower Upper

75 100

77 54.5 22.0 41.0#

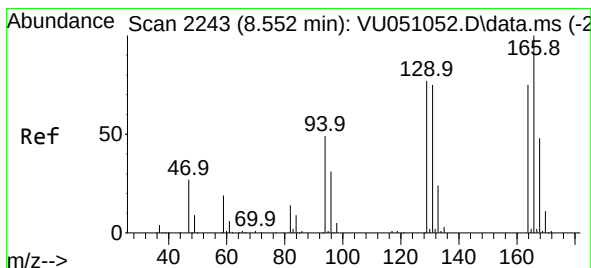
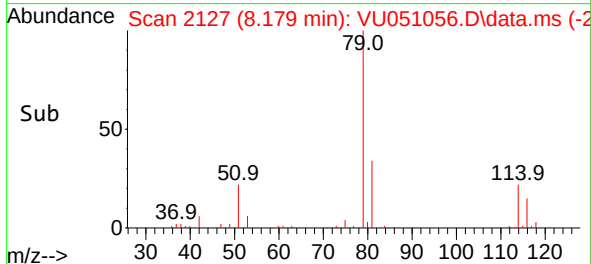
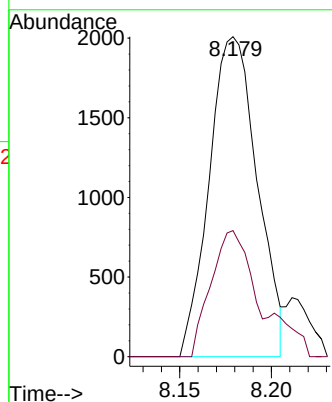
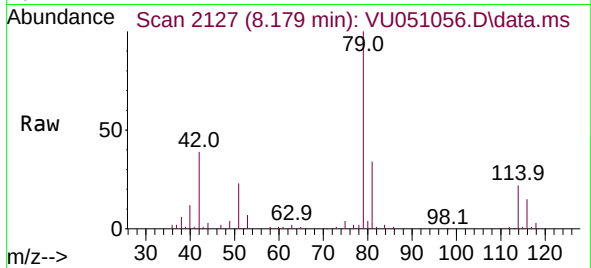




#44
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051056.D
Acq: 01 Oct 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3661
Ion Ratio Lower Upper
75 100
77 39.4 22.7 42.3



#46
Tetrachloroethene
Concen: 66.895 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051056.D
Acq: 01 Oct 2022 00:19

Tgt Ion: 164 Resp: 176643
Ion Ratio Lower Upper
164 100
129 100.0 68.1 126.5
131 97.2 67.8 126.0
166 129.1 90.5 168.1

