

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029033.D
 Acq On : 16 Nov 2022 22:09
 Operator : SY/MD
 Sample : N5604-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D2

Quant Time: Nov 17 05:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

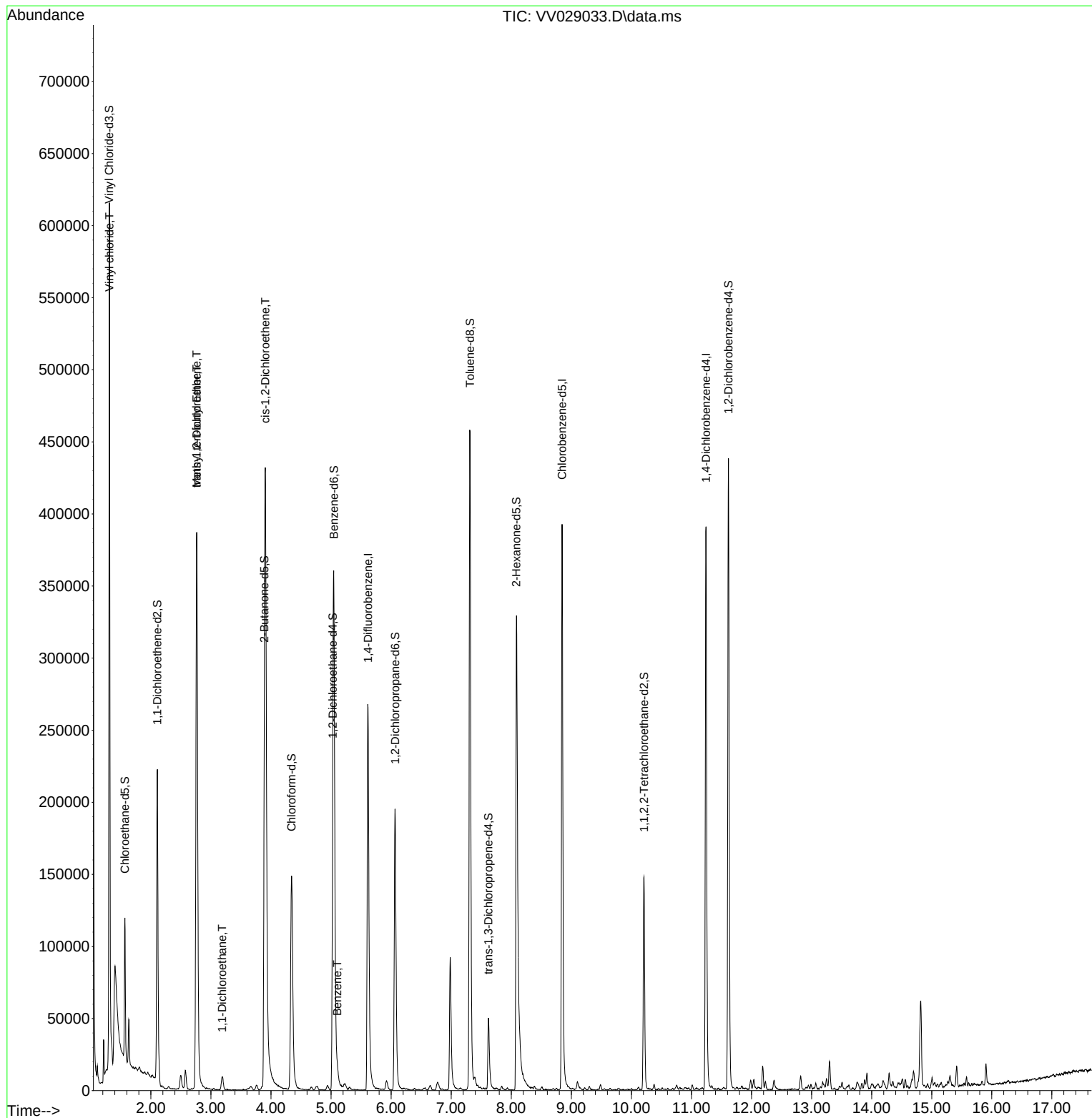
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	262035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	112962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83595	5.233	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.568	69	64421	4.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 91.800%		
11) 1,1-Dichloroethene-d2	2.108	63	106653	3.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 73.200%		
20) 2-Butanone-d5	3.889	46	165853	62.021	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 124.040%		
24) Chloroform-d	4.342	84	166776	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.027	65	78025	5.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
32) Benzene-d6	5.047	84	357767	4.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
36) 1,2-Dichloropropane-d6	6.066	67	102118	5.110	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.200%		
41) Toluene-d8	7.313	98	333751	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	7.619	79	35121	5.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.800%		
46) 2-Hexanone-d5	8.085	63	141069	50.708	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.420%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75156	5.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.400%		
66) 1,2-Dichlorobenzene-d4	11.615	152	122114	6.042	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 120.800%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.310	62	301856	14.597	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	409856	12.052	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	6838	0.372	ug/L	85
19) 1,1-Dichloroethane	3.188	63	10459	0.348	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	236544	12.647	ug/L	97
33) Benzene	5.101	78	12196	0.166	ug/L	100

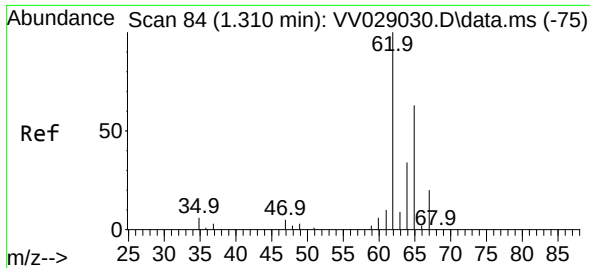
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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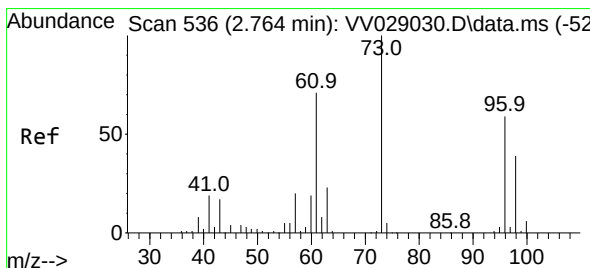
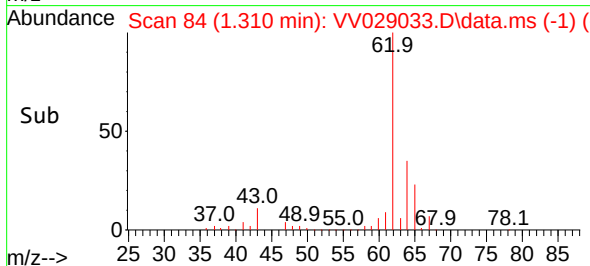
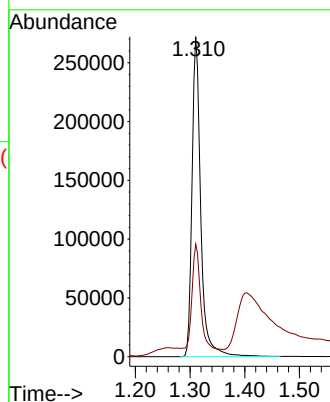
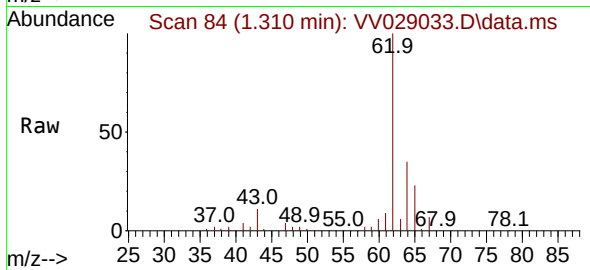




#5
 Vinyl chloride
 Concen: 14.597 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029033.D
 Acq: 16 Nov 2022 22:09

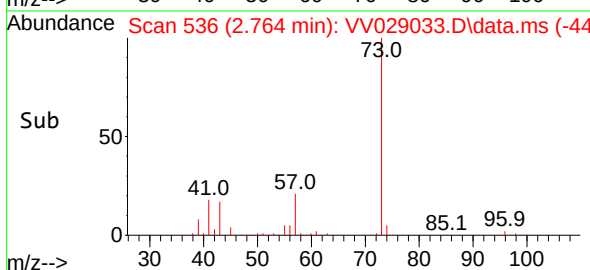
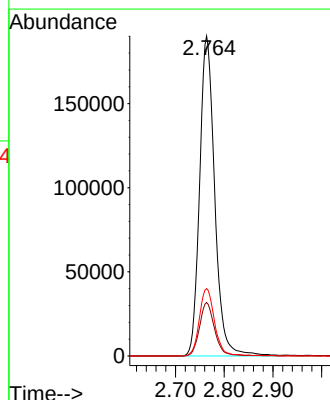
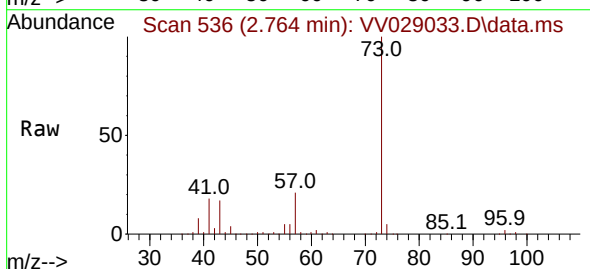
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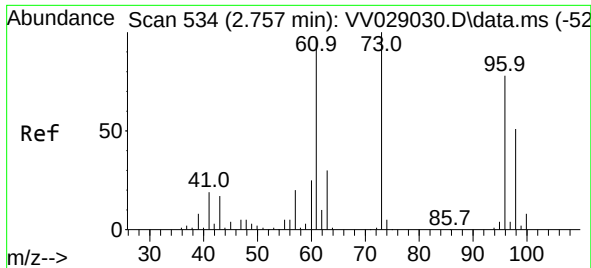
Tgt Ion: 62 Resp: 301856
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.8 42.4



#17
 Methyl tert-butyl Ether
 Concen: 12.052 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.000 min
 Lab File: VV029033.D
 Acq: 16 Nov 2022 22:09

Tgt Ion: 73 Resp: 409856
 Ion Ratio Lower Upper
 73 100
 43 16.6 13.0 19.4
 57 20.9 16.6 24.8

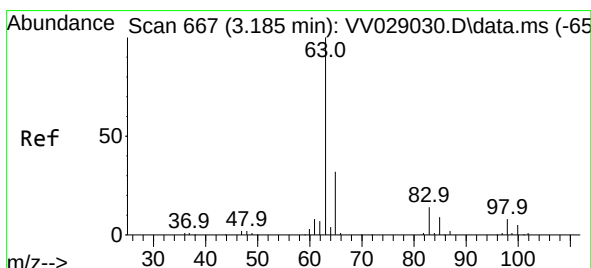
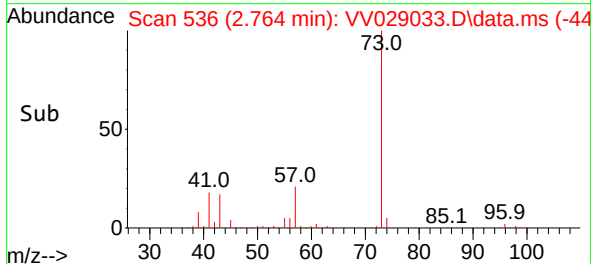
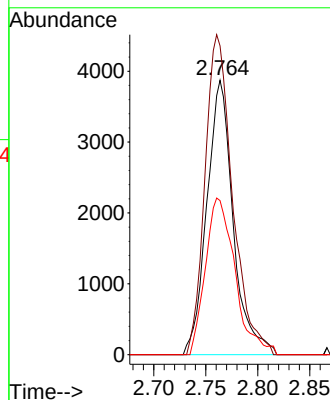
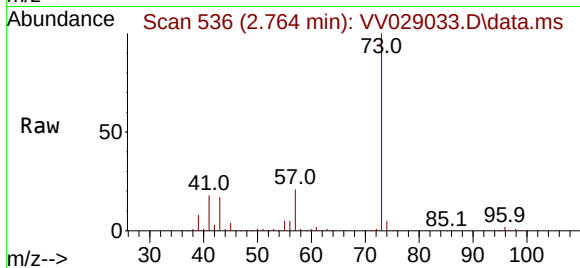




#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

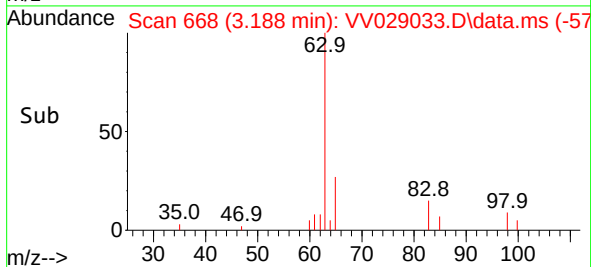
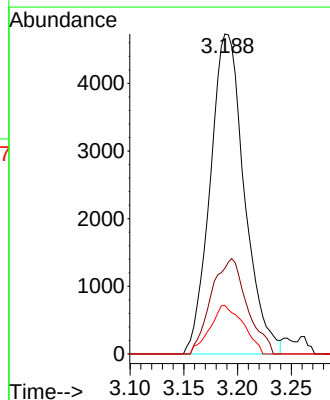
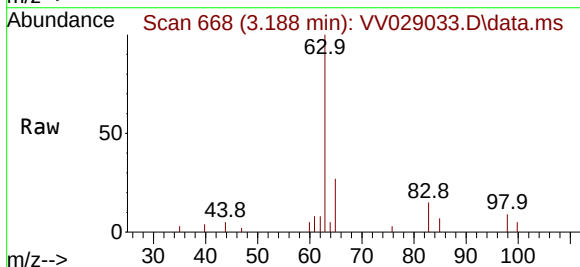
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H46D2

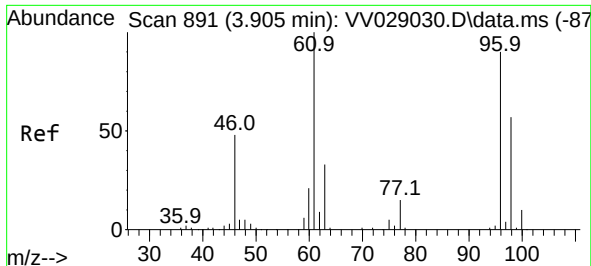
Tgt Ion: 96 Resp: 6838
Ion Ratio Lower Upper
96 100
61 112.6 91.8 170.6
98 56.1 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.348 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029033.D
Acq: 16 Nov 2022 22:09

Tgt Ion: 63 Resp: 10459
Ion Ratio Lower Upper
63 100
65 26.7 23.0 42.6
83 15.2 9.4 17.6

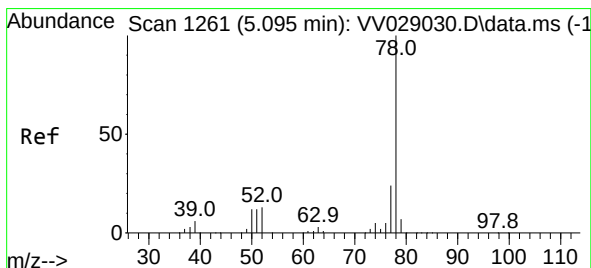
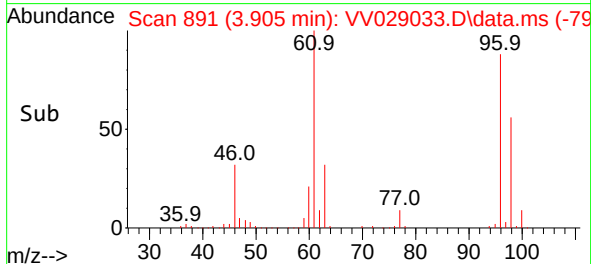
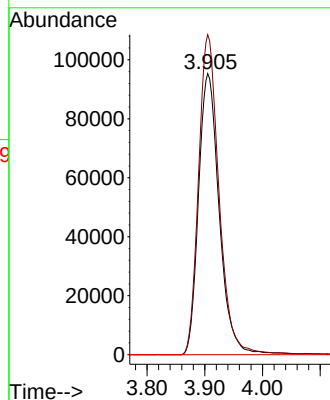
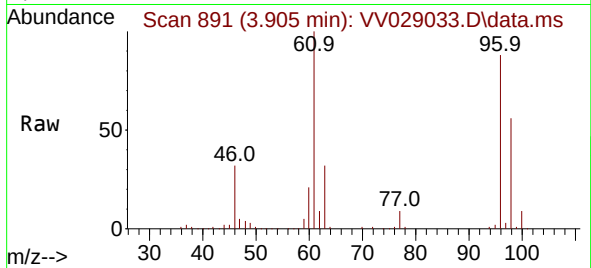




#22
 cis-1,2-Dichloroethene
 Concen: 12.647 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV029033.D
 Acq: 16 Nov 2022 22:09

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D2

Tgt Ion: 96 Resp: 236544
 Ion Ratio Lower Upper
 96 100
 61 113.8 82.3 152.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.166 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: VV029033.D
 Acq: 16 Nov 2022 22:09

Tgt Ion: 78 Resp: 12196

