

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028412.D
 Acq On : 07 Oct 2022 17:13
 Operator : SY/MD
 Sample : N4893-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5J10

Quant Time: Oct 08 01:00:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

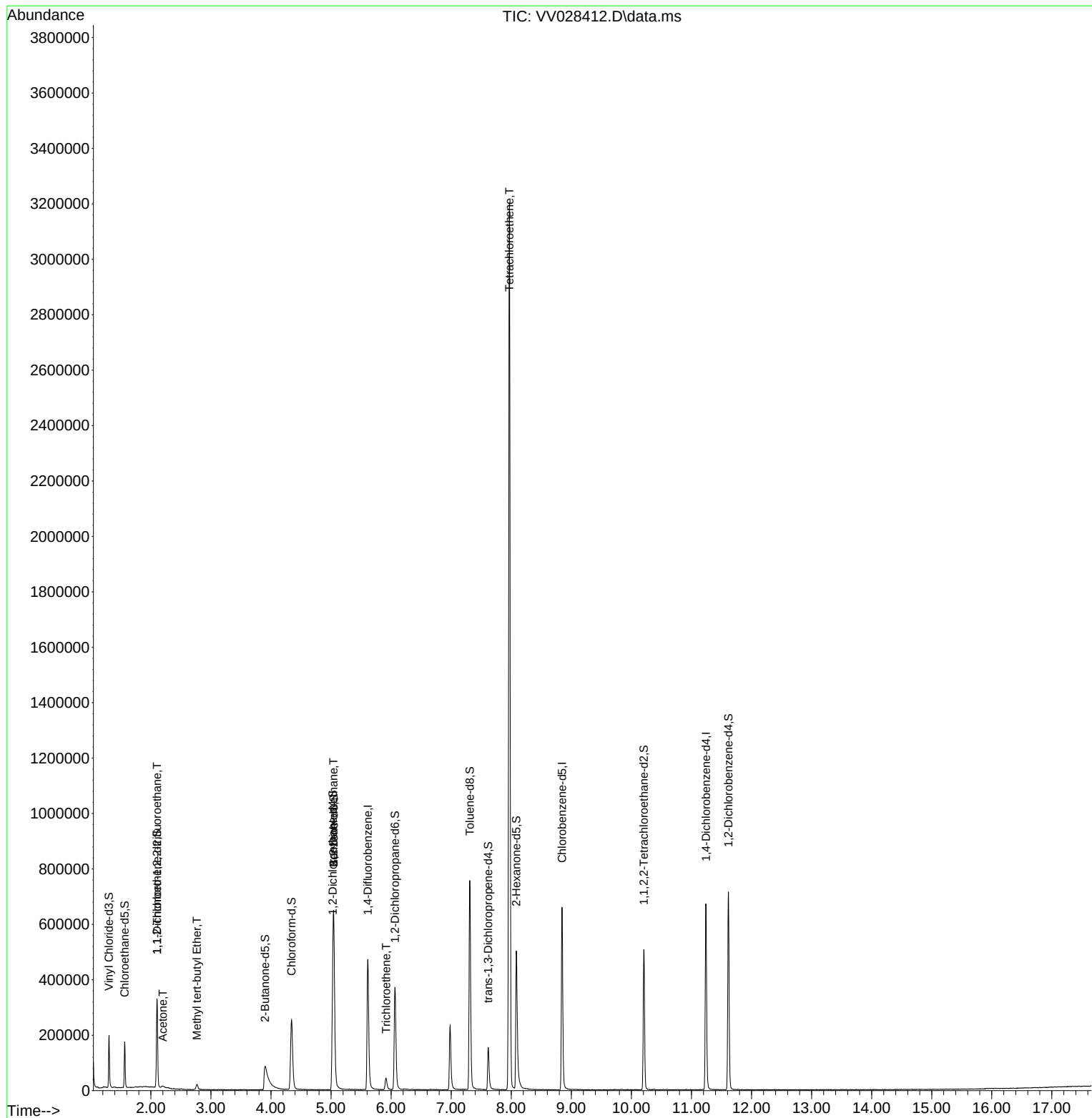
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	399900	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	358407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	172938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	122532	39.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.564	69	104784	42.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.660%
11) 1,1-Dichloroethene-d2	2.101	63	169587	32.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.580%
21) 2-Butanone-d5	3.902	46	262278	97.098	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	4.342	84	265191	46.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	5.027	65	181215	49.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
32) Benzene-d6	5.043	84	559392	48.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
36) 1,2-Dichloropropane-d6	6.066	67	184884	49.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.760%
41) Toluene-d8	7.310	98	503335	48.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
43) trans-1,3-Dichloroprop...	7.616	79	91134	47.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.500%
47) 2-Hexanone-d5	8.085	63	199368	97.878	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	245983	48.007	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.020%
66) 1,2-Dichlorobenzene-d4	11.615	152	177081	49.417	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1837	0.771	ug/L	# 39
13) Acetone	2.198	43	7241	3.461	ug/L	89
18) Methyl tert-butyl Ether	2.767	73	19185	1.913	ug/L	98
27) 1,2-Dichloroethane	5.040	62	3482	0.835	ug/L	99
34) Trichloroethene	5.915	95	14414	4.929	ug/L	94
46) Tetrachloroethene	7.969	164	699095	332.717	ug/L	98

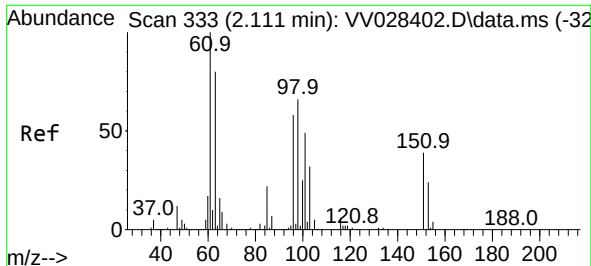
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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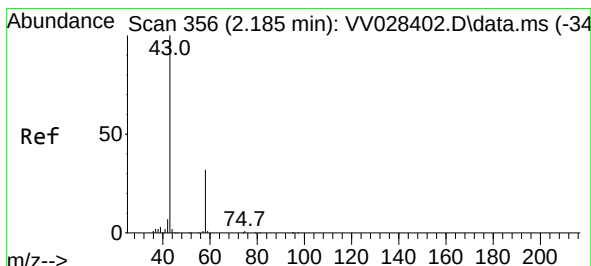
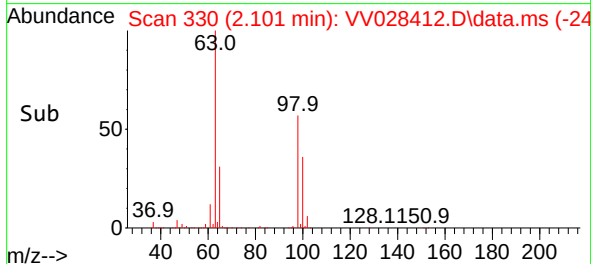
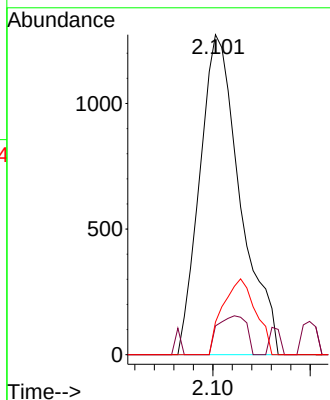
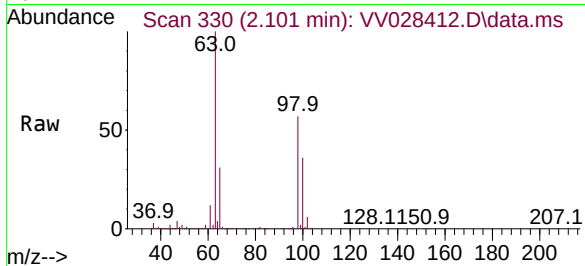




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.771 ug/L
 RT: 2.101 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV028412.D
 Acq: 07 Oct 2022 17:13

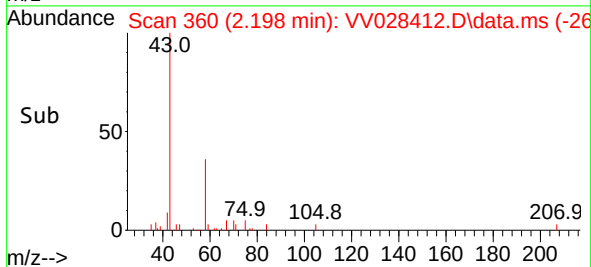
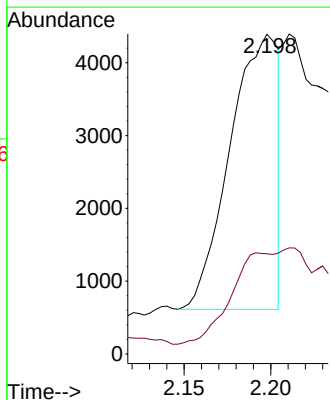
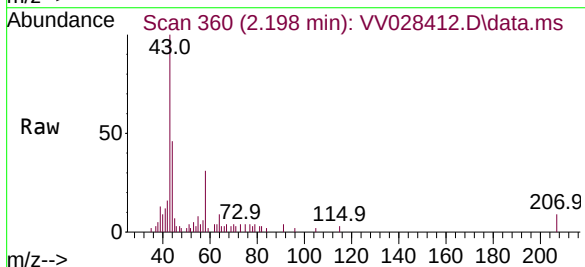
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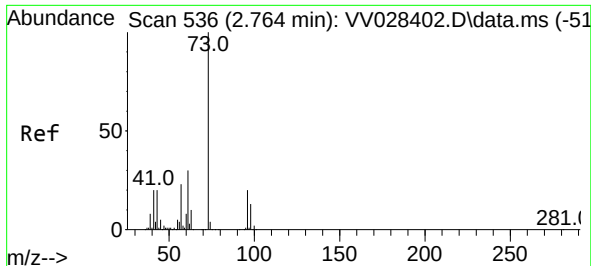
Tgt Ion:101 Resp: 1837
 Ion Ratio Lower Upper
 101 100
 85 8.7 34.9 52.3#
 151 19.3 59.2 88.8#



#13
 Acetone
 Concen: 3.461 ug/L
 RT: 2.198 min Scan# 360
 Delta R.T. 0.013 min
 Lab File: VV028412.D
 Acq: 07 Oct 2022 17:13

Tgt Ion: 43 Resp: 7241
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 47.0

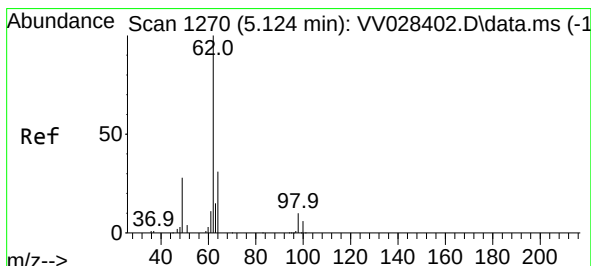
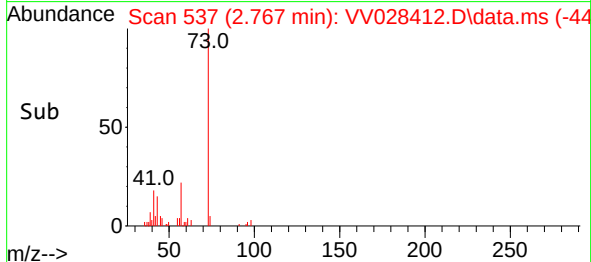
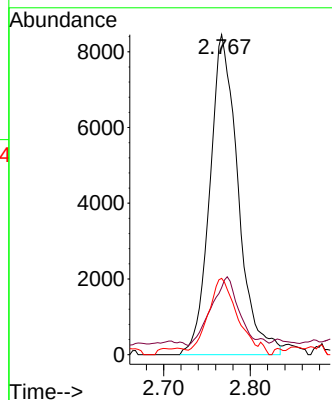
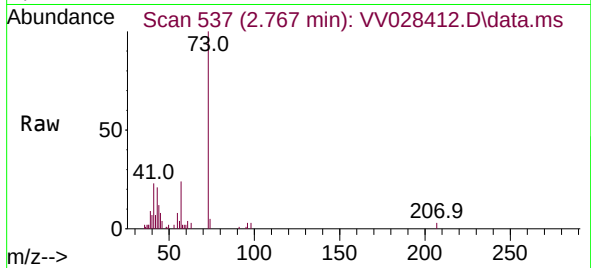




#18
Methyl tert-butyl Ether
Concen: 1.913 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028412.D
Acq: 07 Oct 2022 17:13

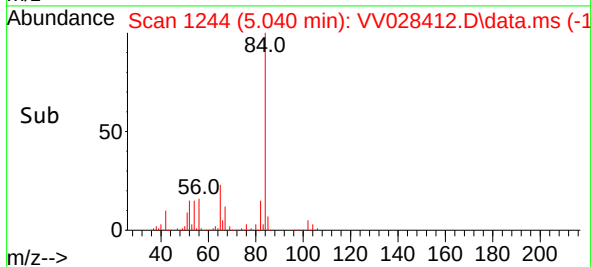
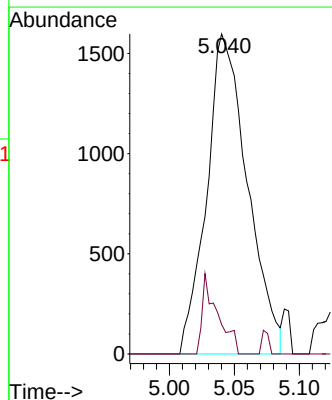
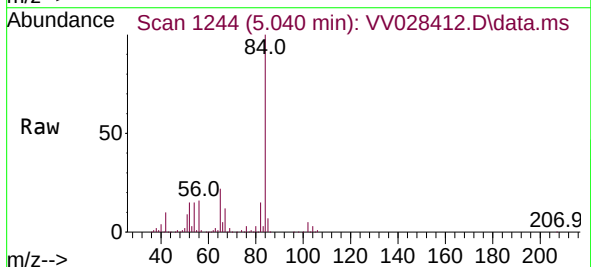
Instrument :
MSVOA_V
ClientSampleId :
F5J10

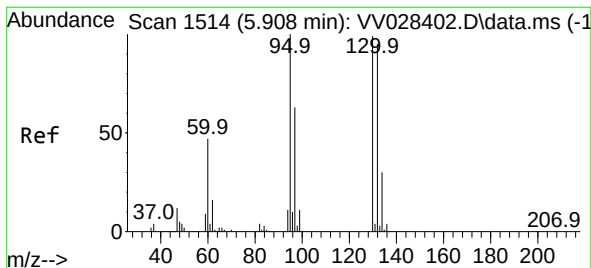
Tgt Ion: 73 Resp: 19185
Ion Ratio Lower Upper
73 100
43 20.5 15.6 23.4
57 21.5 18.2 27.4



#27
1,2-Dichloroethane
Concen: 0.835 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.084 min
Lab File: VV028412.D
Acq: 07 Oct 2022 17:13

Tgt Ion: 62 Resp: 3482
Ion Ratio Lower Upper
62 100
98 9.2 7.6 11.4





#34

Trichloroethene

Concen: 4.929 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028412.D

Acq: 07 Oct 2022 17:13

Instrument :

MSVOA_V

ClientSampleId :

F5J10

Tgt Ion: 95 Resp: 14414

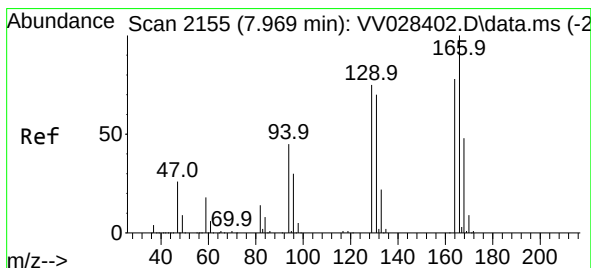
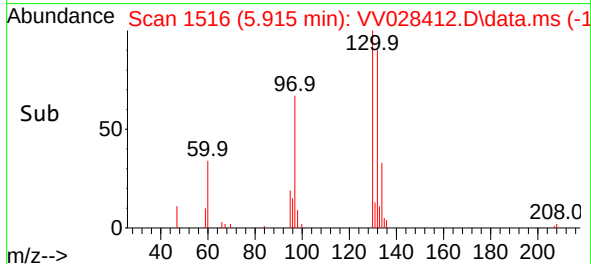
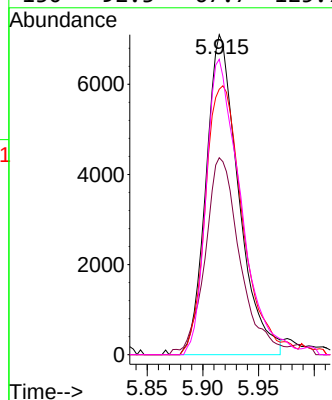
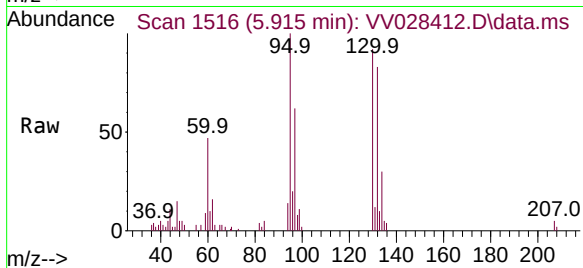
Ion Ratio Lower Upper

95 100

97 61.6 44.4 82.4

132 83.0 64.3 119.5

130 92.3 67.7 125.7



#46

Tetrachloroethene

Concen: 332.717 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028412.D

Acq: 07 Oct 2022 17:13

Tgt Ion:164 Resp: 699095

Ion Ratio Lower Upper

164 100

129 93.7 67.4 125.2

131 90.1 65.2 121.2

166 126.3 88.5 164.4

