

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043709.D
 Acq On : 13 May 2021 16:46
 Operator : SY/MD
 Sample : M2376-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Y8

Quant Time: May 14 01:50:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

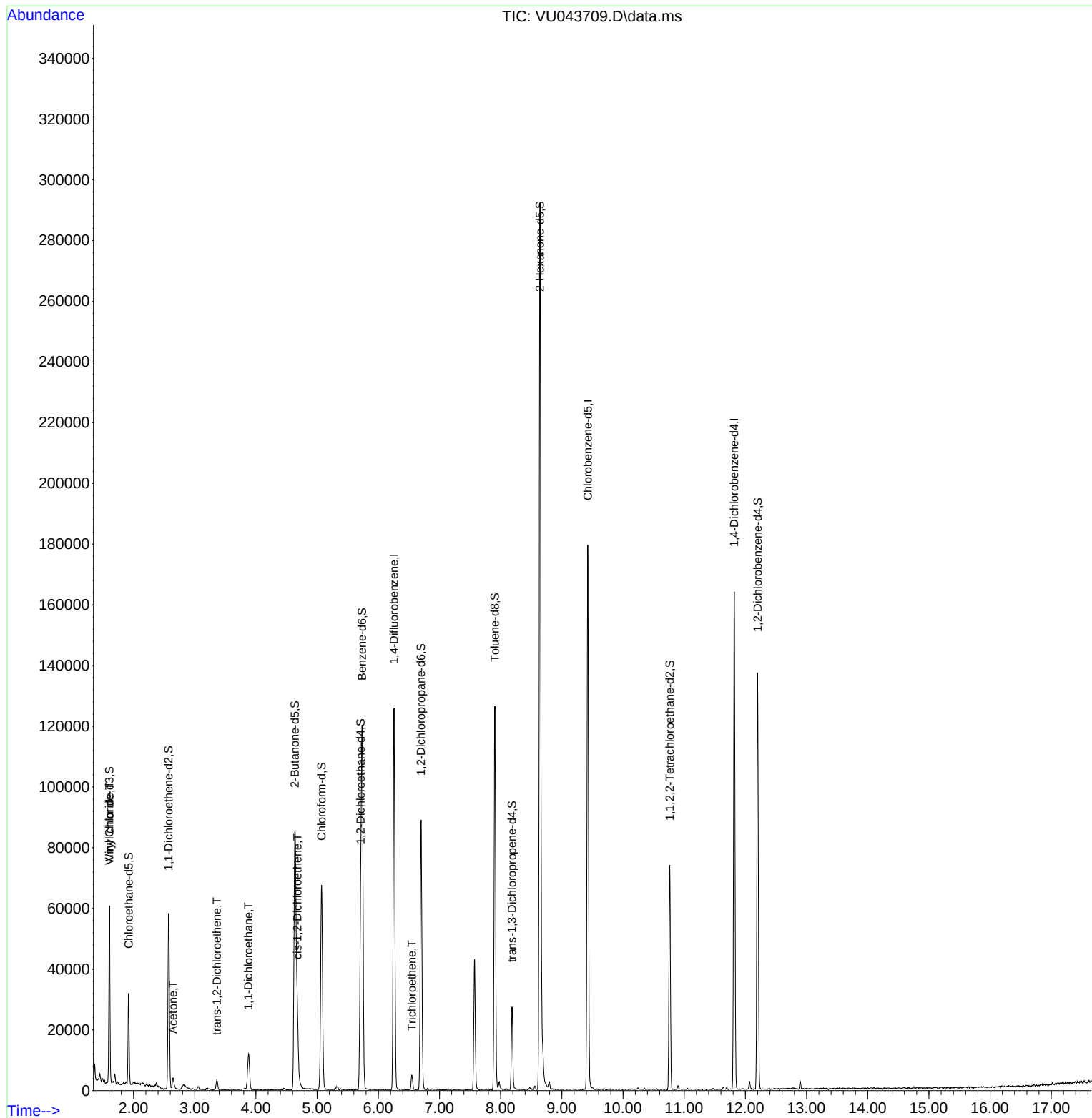
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88512	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38791	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21533	3.04	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.80%	
7) Chloroethane-d5	1.919	69	19822	3.82	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.40%	
11) 1,1-Dichloroethene-d2	2.572	65	11459	3.29	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.80%	
20) 2-Butanone-d5	4.636	46	144877	65.80	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.60%#	
24) Chloroform-d	5.073	84	59417	4.38	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.60%	
26) 1,2-Dichloroethane-d4	5.710	65	38085	4.66	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.20%	
32) Benzene-d6	5.736	84	98826	4.13	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.60%	
36) 1,2-Dichloropropane-d6	6.700	67	39315	4.68	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.60%	
41) Toluene-d8	7.906	98	77071	3.50	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.00%	
43) trans-1,3-Dichloroprop...	8.186	79	13782	4.07	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.40%	
46) 2-Hexanone-d5	8.642	63	88668	62.41	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.82%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36171	5.37	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	32412	4.68	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.60%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	18430	3.09	ug/L	95
13) Acetone	2.646	43	5367	3.66	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	1345	0.26	ug/L #	87
19) 1,1-Dichloroethane	3.877	63	13883	1.14	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	7249	1.20	ug/L	96
34) Trichloroethene	6.549	95	1651	0.28	ug/L	85

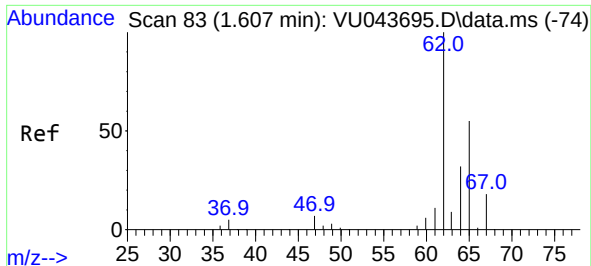
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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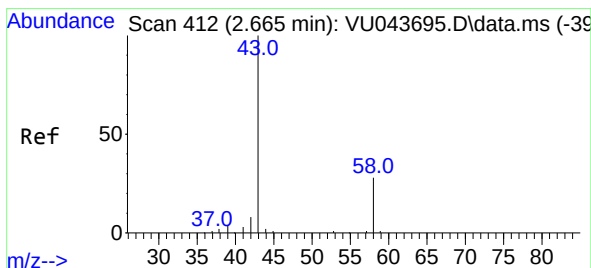
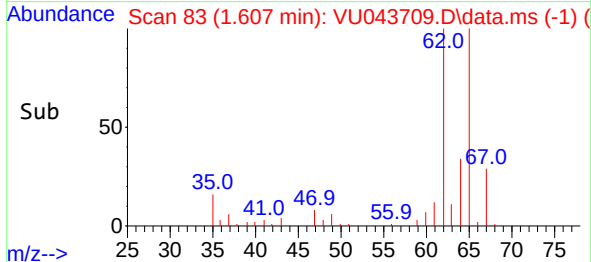
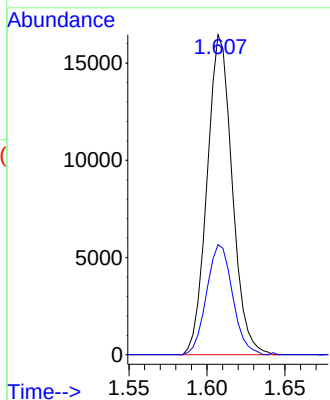
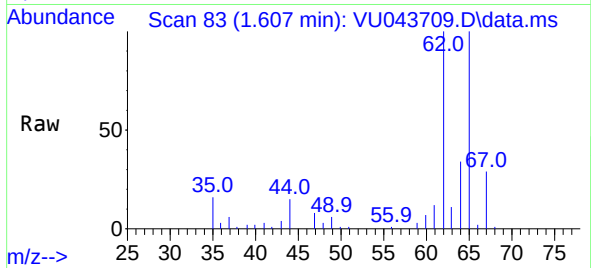




#5
 Vinyl chloride
 Concen: 3.09 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043709.D
 Acq: 13 May 2021 16:46

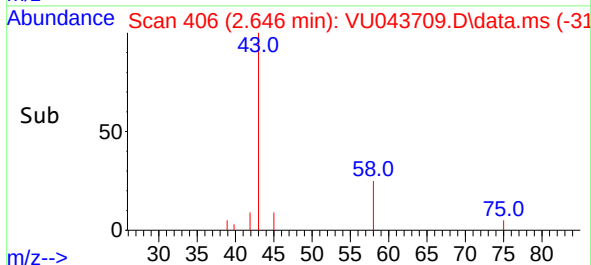
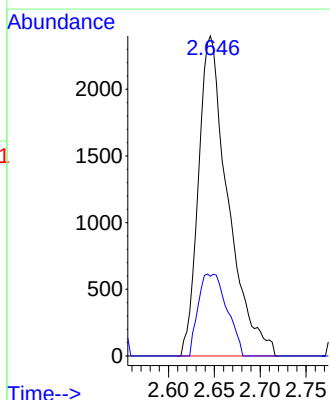
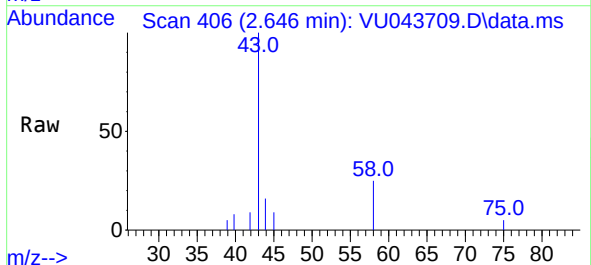
Instrument :
 MSVOA_U
 ClientSampled :
 BG1Y8

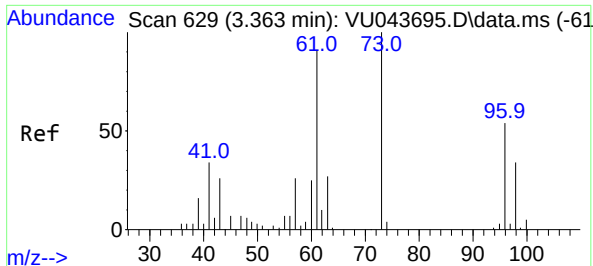
Tgt Ion: 62 Resp: 18430
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.3 41.3



#13
 Acetone
 Concen: 3.66 ug/L
 RT: 2.646 min Scan# 406
 Delta R.T. -0.019 min
 Lab File: VU043709.D
 Acq: 13 May 2021 16:46

Tgt Ion: 43 Resp: 5367
 Ion Ratio Lower Upper
 43 100
 58 24.8 0.0 50.8

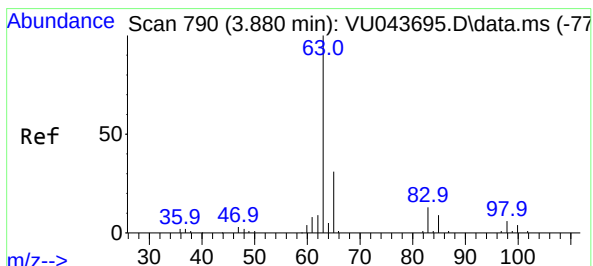
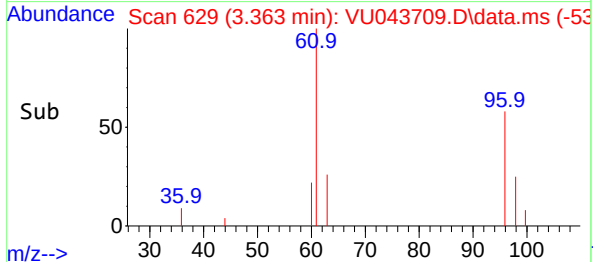
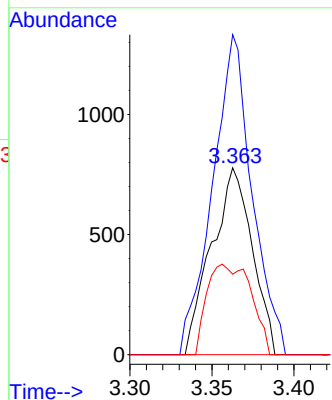
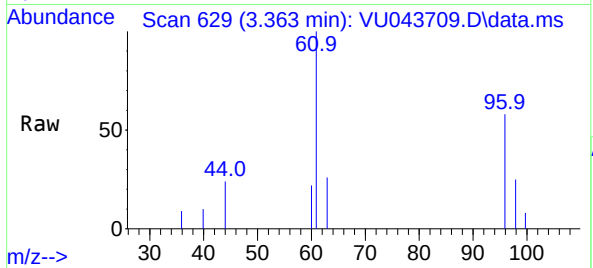




#18
trans-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

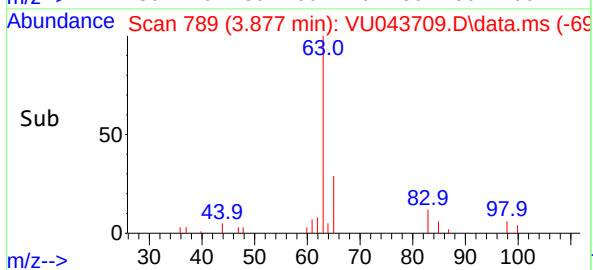
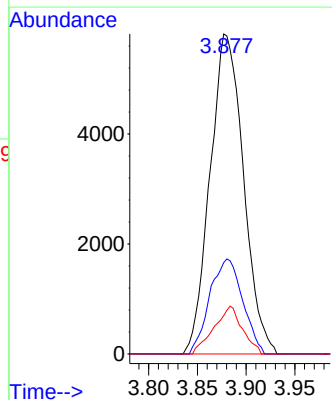
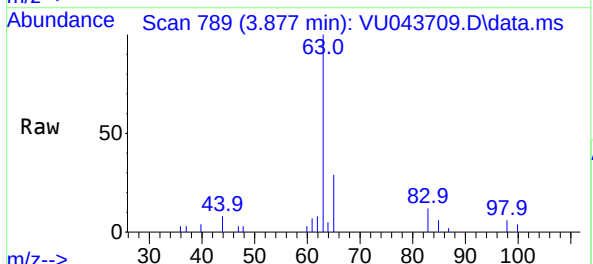
Instrument :
MSVOA_U
ClientSampleId :
BG1Y8

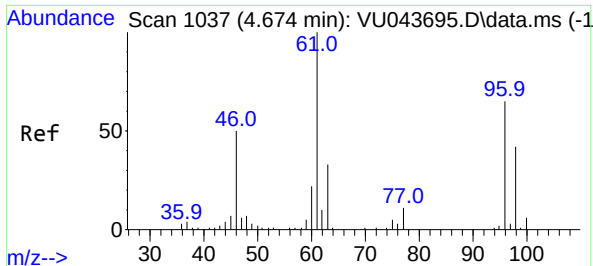
Tgt Ion: 96 Resp: 1345
Ion Ratio Lower Upper
96 100
61 171.2 113.5 210.9
98 43.1 45.4 84.2#



#19
1,1-Dichloroethane
Concen: 1.14 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 63 Resp: 13883
Ion Ratio Lower Upper
63 100
65 28.5 22.7 42.1
83 12.0 9.4 17.4

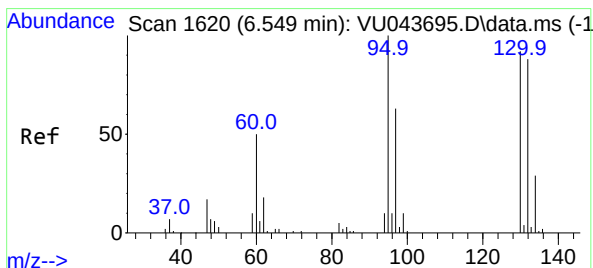
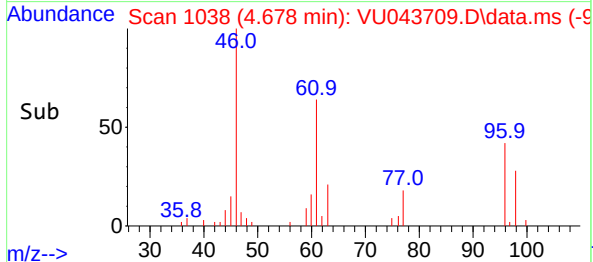
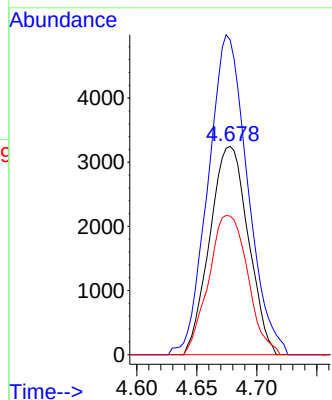
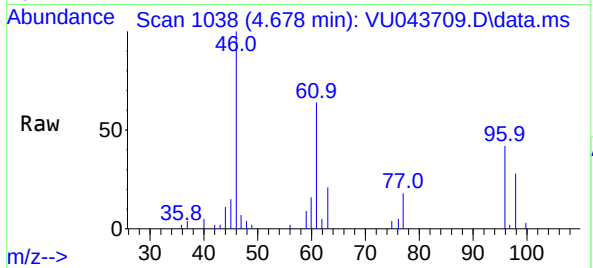




#22
cis-1,2-Dichloroethene
Concen: 1.20 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
BG1Y8

Tgt Ion: 96 Resp: 7249
Ion Ratio Lower Upper
96 100
61 151.0 102.8 190.8
98 66.5 42.8 79.6



#34
Trichloroethene
Concen: 0.28 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 95 Resp: 1651
Ion Ratio Lower Upper
95 100
97 50.6 46.5 86.5
132 79.0 64.1 119.1
130 82.0 67.3 125.1

