

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057971.D
 Acq On : 29 Feb 2024 13:20
 Operator : MD/SY
 Sample : VU0229WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

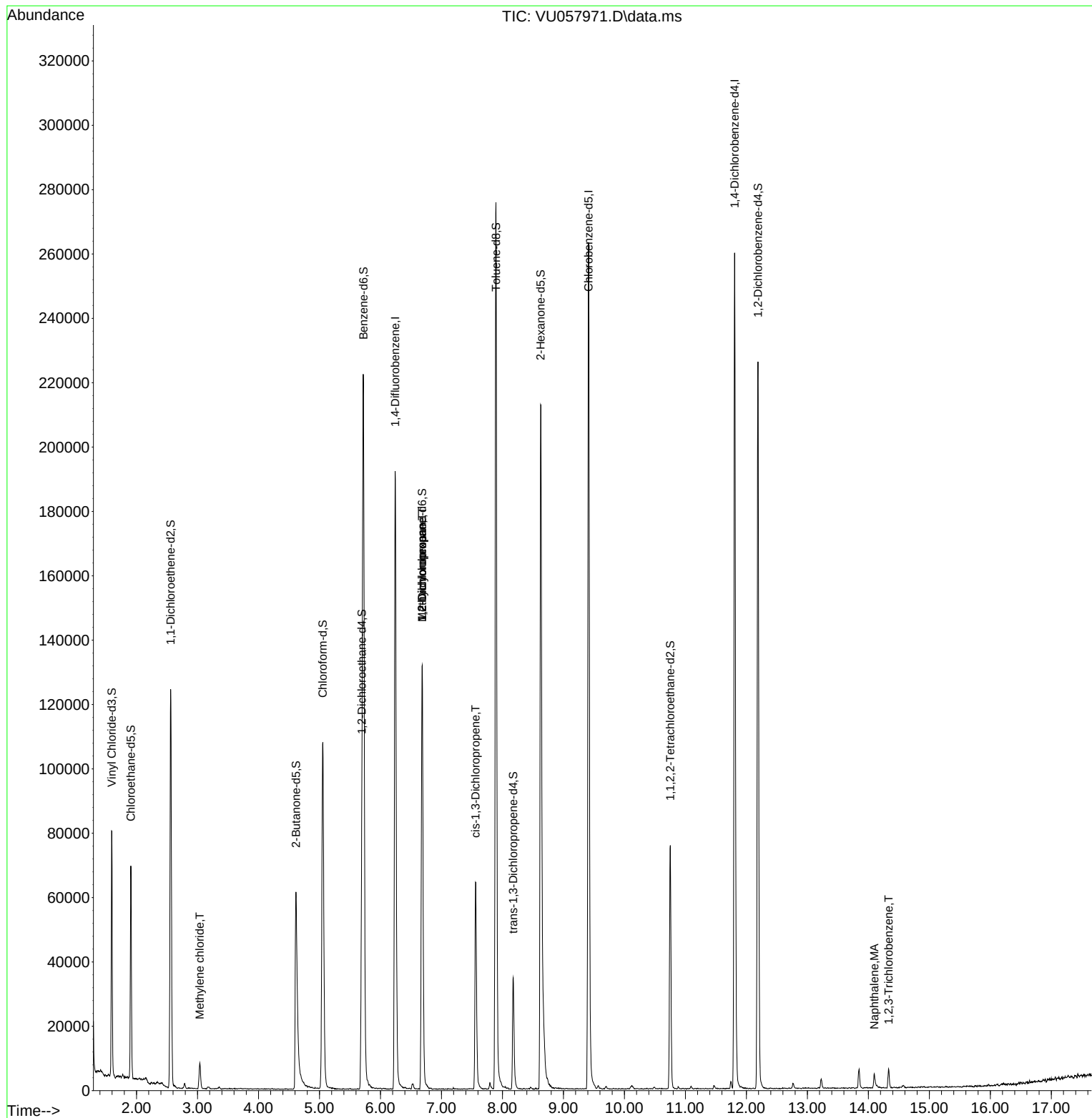
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54960	4.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.907	69	45373	4.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.560	65	24203	5.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.615	46	94972	52.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.400%
24) Chloroform-d	5.055	84	102489	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	49782	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.721	84	212761	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.685	67	65126	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	187610	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.177	79	21386	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.627	63	77528	51.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39002	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	58579	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	3338	0.297	ug/L	98
35) Methylcyclohexane	6.682	83	14255	0.785	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	7226	0.622	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	1937	0.121	ug/L	86
71) Naphthalene	14.097	128	5355	0.348	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.331	180	2372	0.266	ug/L	91

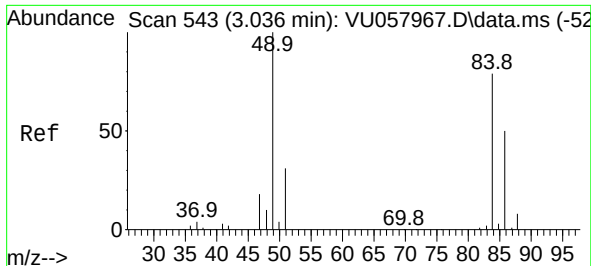
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.297 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.000 min

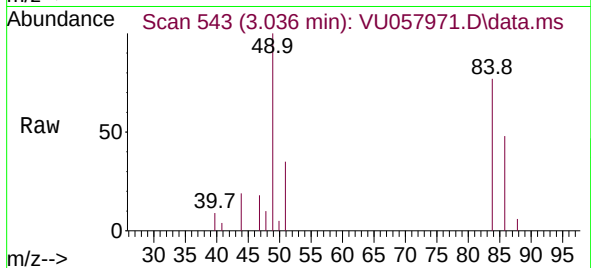
Lab File: VU057971.D

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Instrument :

MSVOA_U

ClientSampleId :



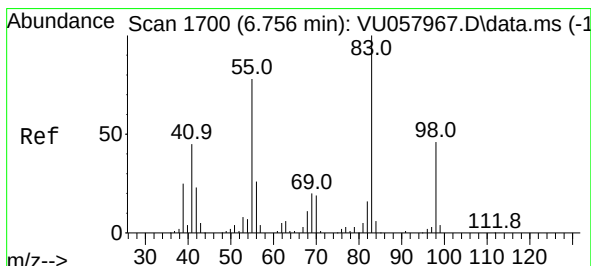
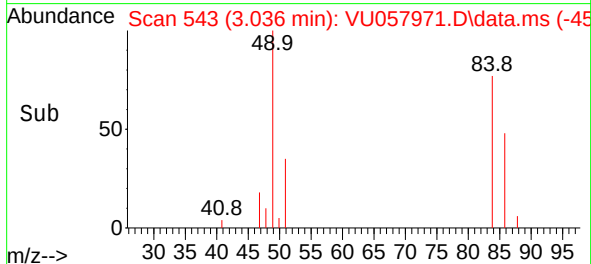
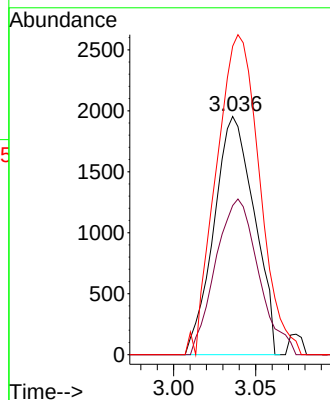
Tgt Ion: 84 Resp: 3338

Ion Ratio Lower Upper

84 100

86 62.6 44.4 82.4

49 129.5 88.8 165.0



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057971.D

Acq: 29 Feb 2024 13:20

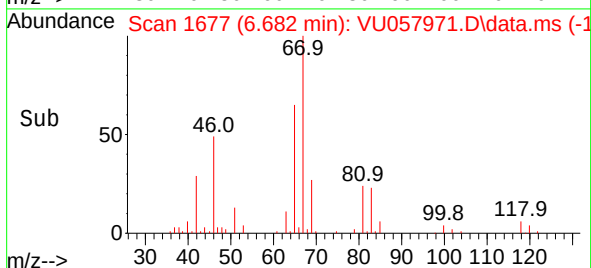
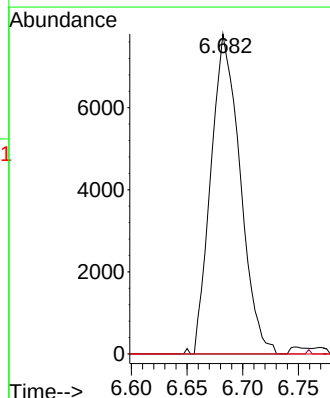
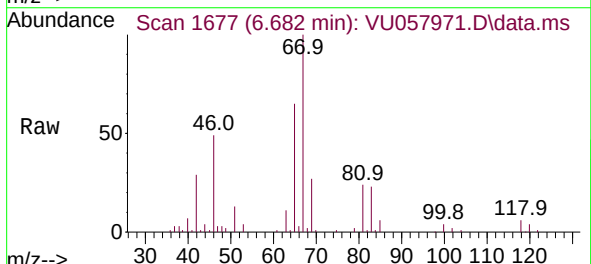
Tgt Ion: 83 Resp: 14255

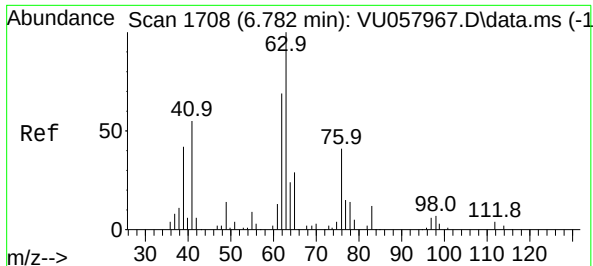
Ion Ratio Lower Upper

83 100

55 0.1 63.0 94.6#

98 0.6 36.2 54.4#

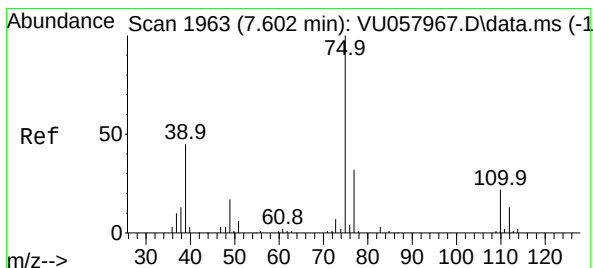
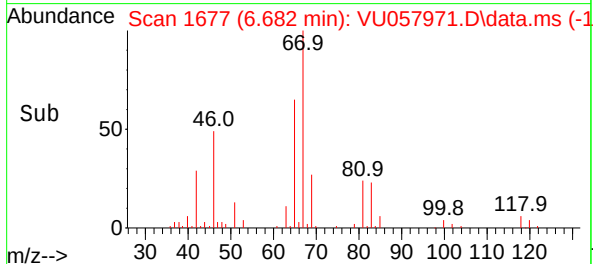
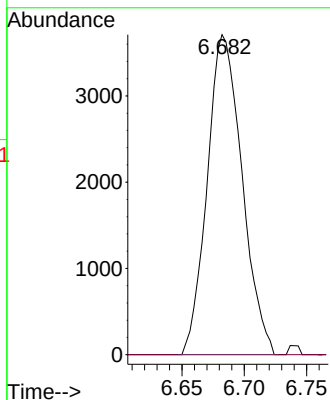
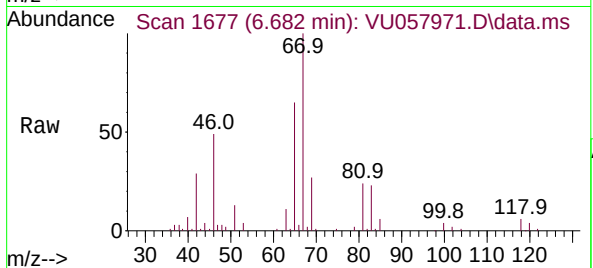




#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057971.D
Acq: 29 Feb 2024 13:20

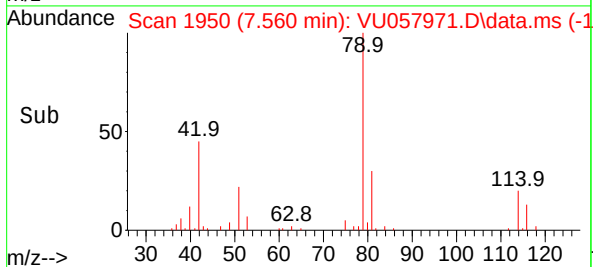
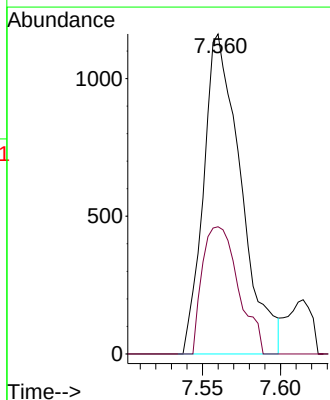
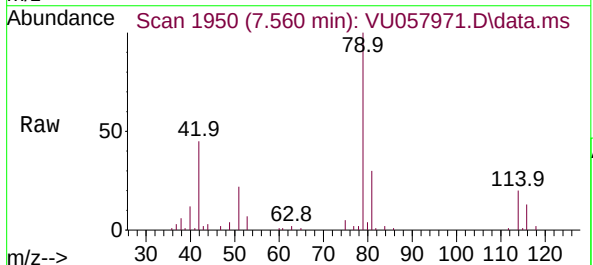
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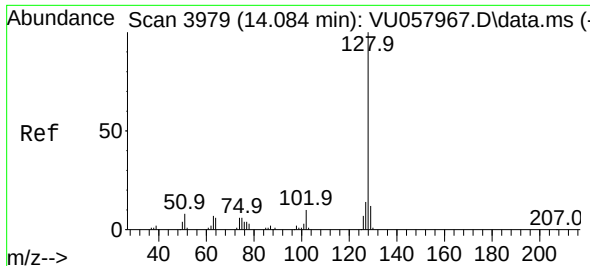
Tgt Ion: 63 Resp: 7226
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057971.D
Acq: 29 Feb 2024 13:20

Tgt Ion: 75 Resp: 1937
Ion Ratio Lower Upper
75 100
77 39.8 22.3 41.5

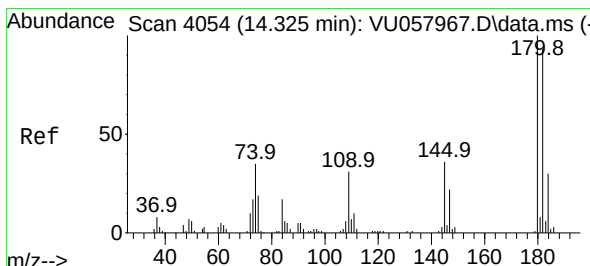
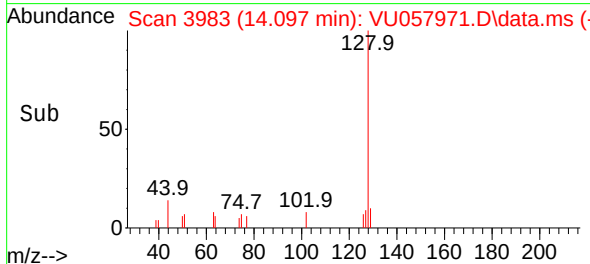
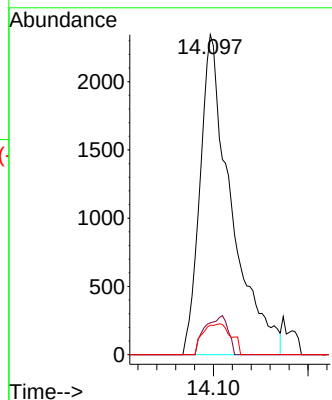
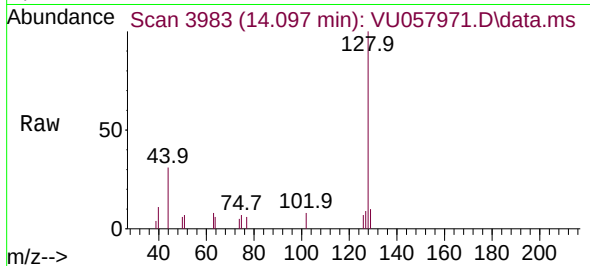




#71
Naphthalene
Concen: 0.348 ug/L
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057971.D
Acq: 29 Feb 2024 13:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 5355
Ion Ratio Lower Upper
128 100
129 9.0 9.0 13.6#
127 8.9 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.266 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU057971.D
Acq: 29 Feb 2024 13:20

Tgt Ion:180 Resp: 2372
Ion Ratio Lower Upper
180 100
182 85.7 77.6 116.4
145 36.1 28.7 43.1

