

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045902.D
 Acq On : 19 Nov 2021 18:36
 Operator : SY/MD
 Sample : M4752-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1X2

Quant Time: Nov 22 03:55:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

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

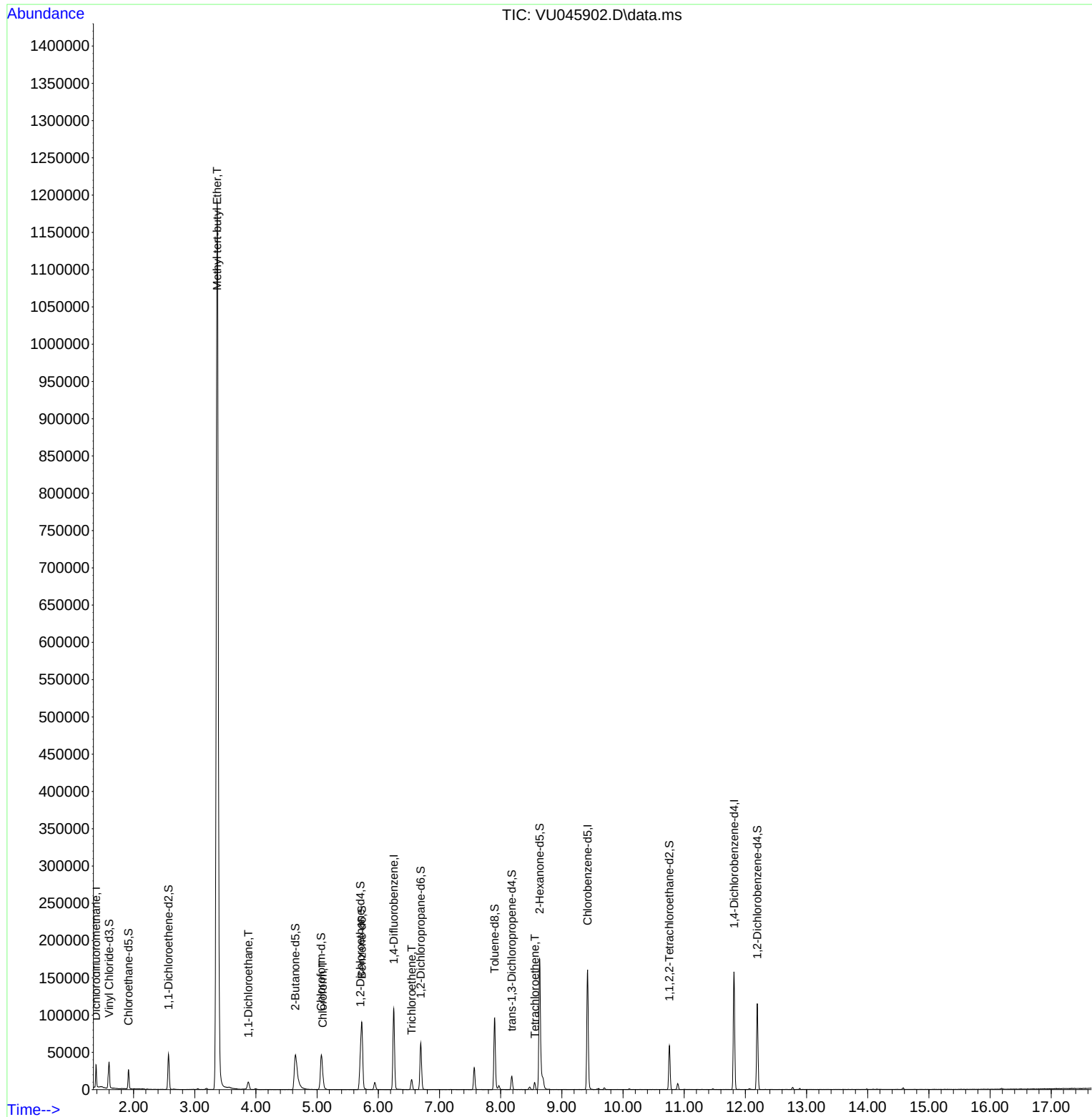
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87841	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20849	2.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.916	69	18609	3.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.572	65	8831	3.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.645	46	101452	54.396	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.067	84	41463	3.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.707	65	27898	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.732	84	83724	3.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	6.694	67	30029	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.903	98	67419	2.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.200%#
43) trans-1,3-Dichloroprop...	8.182	79	10783	3.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.636	63	63439	43.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29363	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	29744	4.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	16520	2.310	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	1417462	100.133	ug/L	99
19) 1,1-Dichloroethane	3.877	63	12012	1.100	ug/L	98
25) Chloroform	5.092	83	11171	0.943	ug/L	96
34) Trichloroethene	6.546	95	4839	0.725	ug/L	96
47) Tetrachloroethene	8.558	164	2105	0.450	ug/L	94

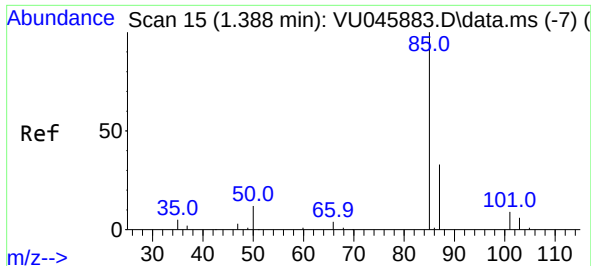
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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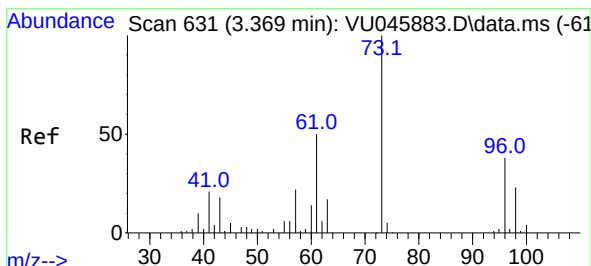
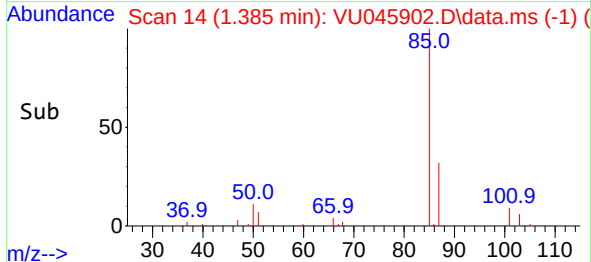
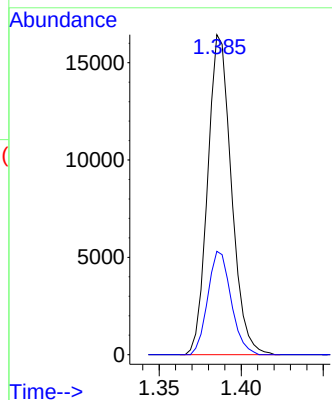
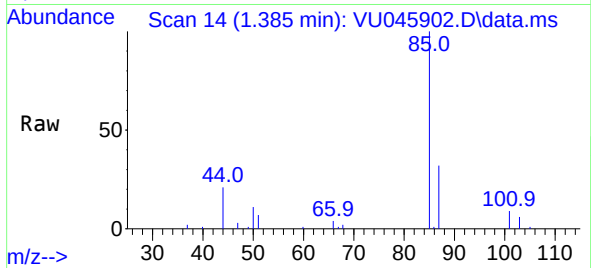




#2
Dichlorodifluoromethane
Concen: 2.310 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

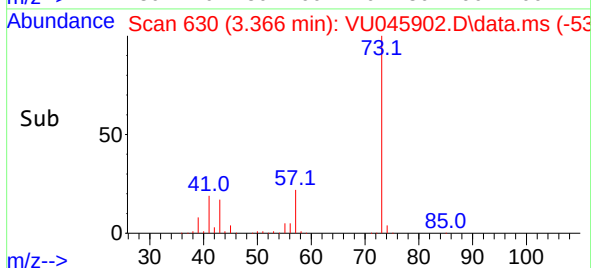
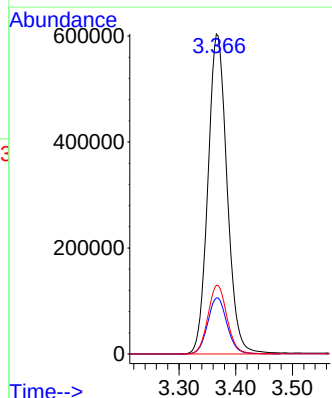
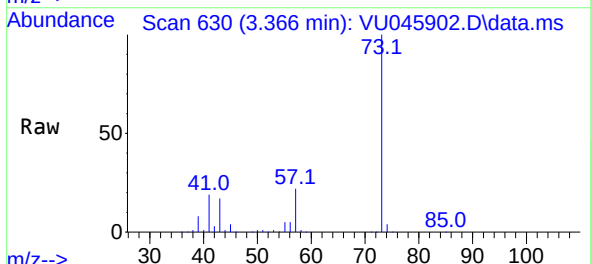
Instrument :
MSVOA_U
ClientSampleId :
BG1X2

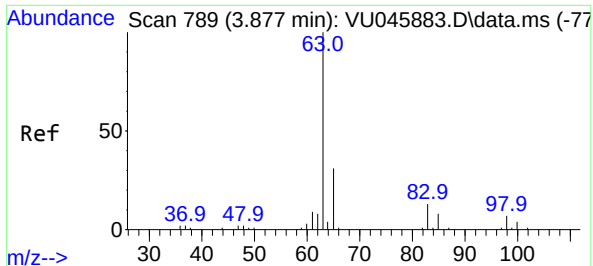
Tgt Ion: 85 Resp: 16520
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#17
Methyl tert-butyl Ether
Concen: 100.133 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

Tgt Ion: 73 Resp: 1417462
Ion Ratio Lower Upper
73 100
43 17.8 14.8 22.2
57 21.6 17.4 26.0

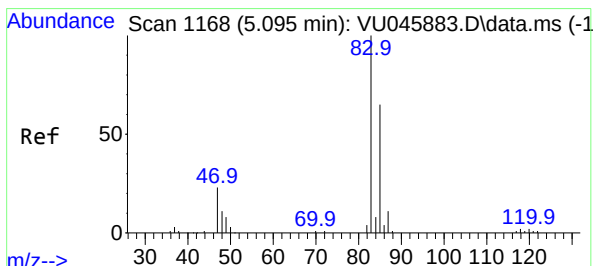
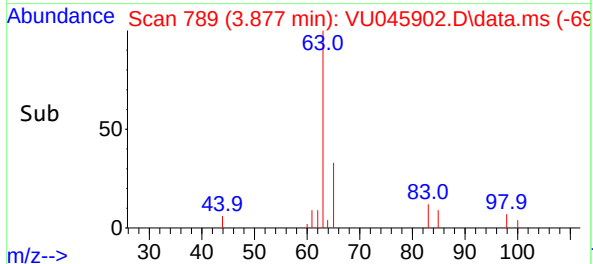
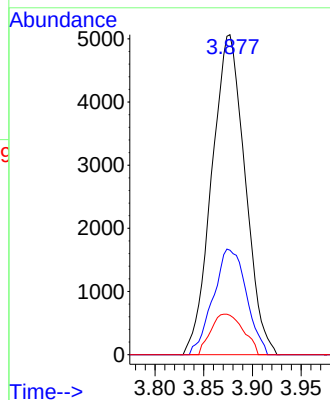
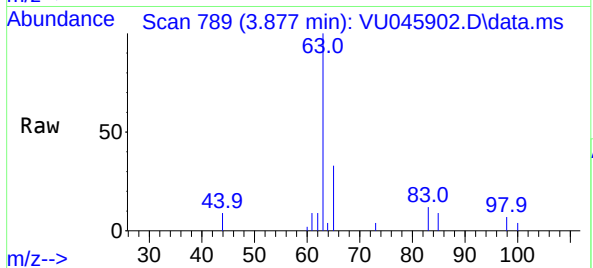




#19
1,1-Dichloroethane
Concen: 1.100 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

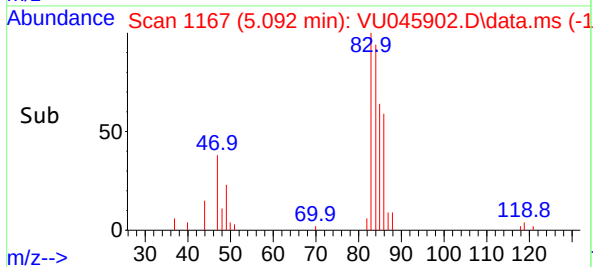
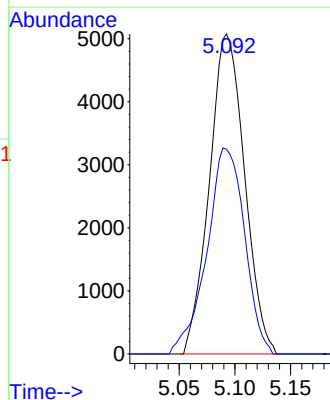
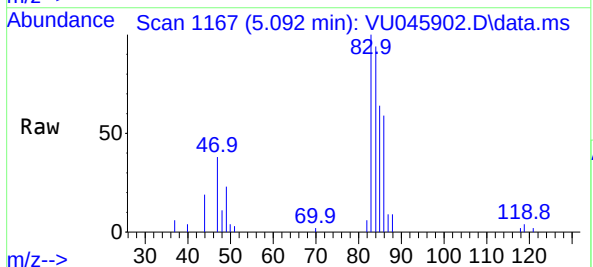
Instrument :
MSVOA_U
ClientSampleId :
BG1X2

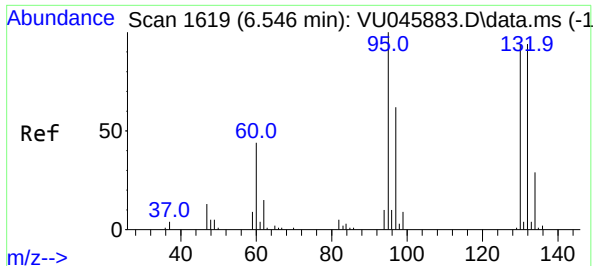
Tgt Ion:	63	Resp:	12012
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	12.3	9.6	17.8



#25
Chloroform
Concen: 0.943 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

Tgt Ion:	83	Resp:	11171
Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.9	87.1





#34

Trichloroethene

Concen: 0.725 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

BG1X2

Tgt Ion: 95 Resp: 4839

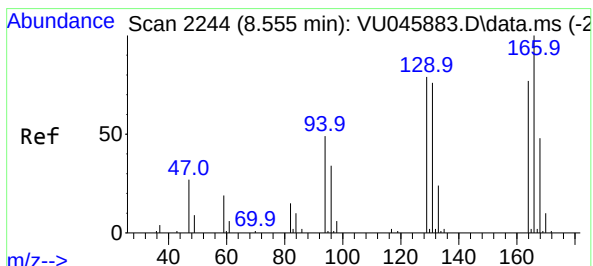
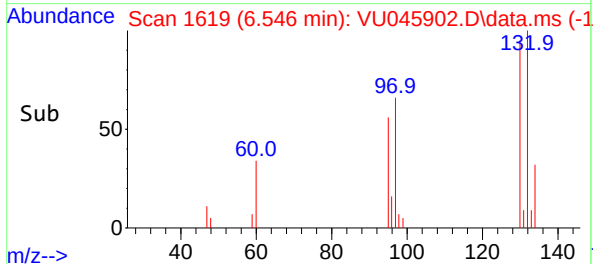
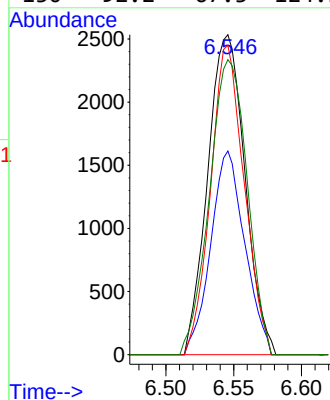
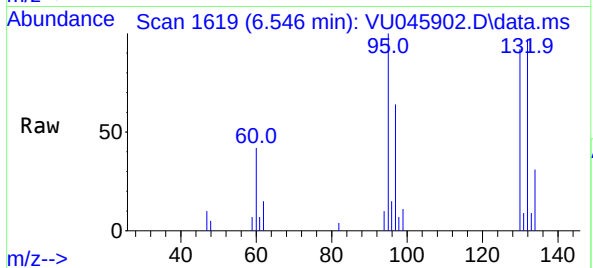
Ion Ratio Lower Upper

95 100

97 63.7 46.5 86.5

132 96.7 65.1 120.9

130 92.2 67.3 124.9



#47

Tetrachloroethene

Concen: 0.450 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Tgt Ion:164 Resp: 2105

Ion Ratio Lower Upper

164 100

129 97.8 71.8 133.4

131 85.6 68.5 127.3

166 132.2 94.1 174.8

