

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101322\
 Data File : VU051408.D
 Acq On : 13 Oct 2022 14:18
 Operator : JC/MD
 Sample : N5072-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:22:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 14 01:20:41 2022
 Response via : Initial Calibration

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

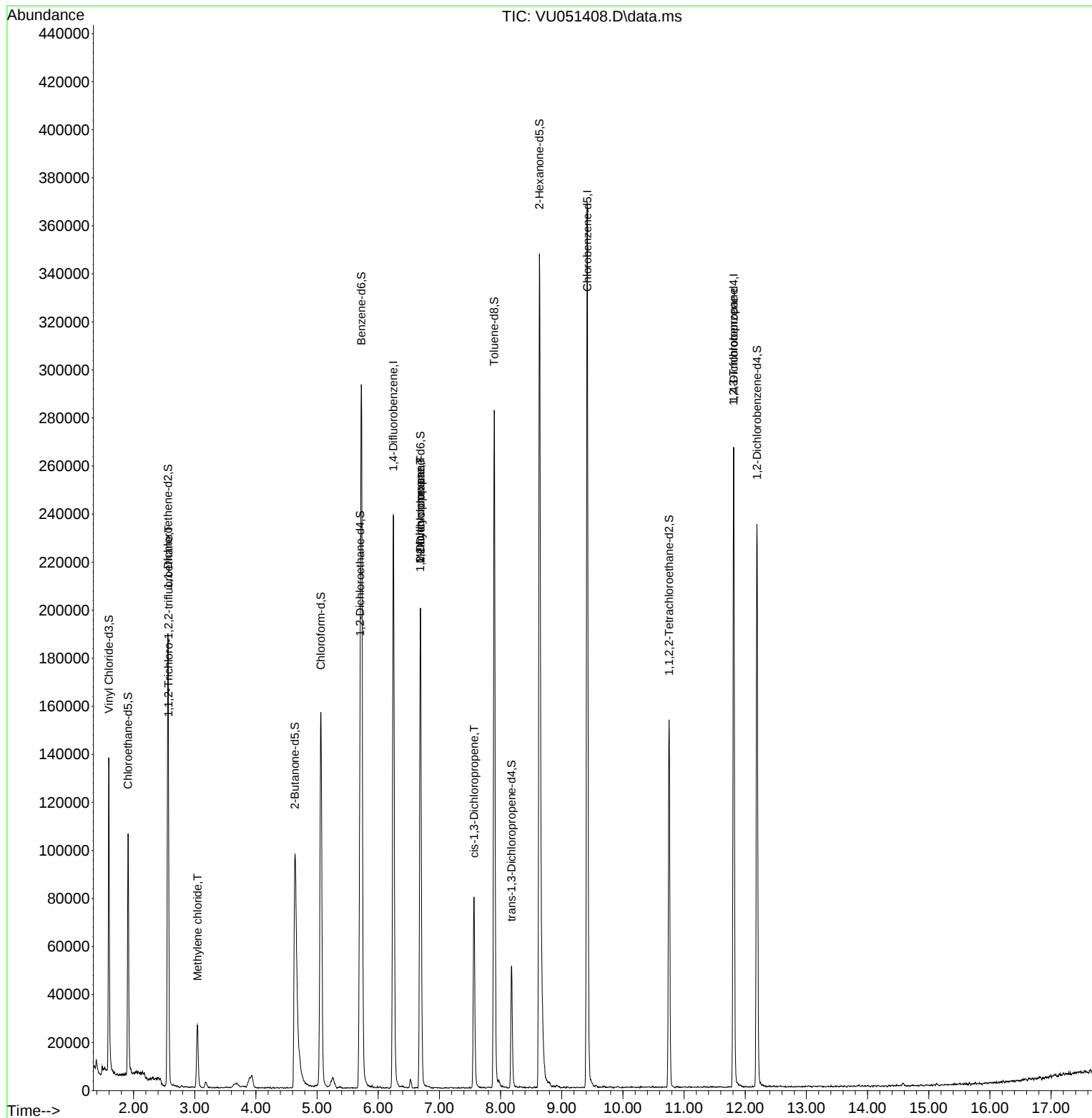
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210226	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	99944	6.477	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 129.600%		
7) Chloroethane-d5	1.909	69	74797	5.642	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.800%		
11) 1,1-Dichloroethene-d2	2.562	65	36545	5.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 119.800%		
20) 2-Butanone-d5	4.639	46	186512	54.903	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.800%		
24) Chloroform-d	5.063	84	151264	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
26) 1,2-Dichloroethane-d4	5.703	65	81982	5.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.600%		
32) Benzene-d6	5.726	84	273597	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	6.690	67	99881	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.800%		
41) Toluene-d8	7.896	98	195043	3.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 75.400%		
43) trans-1,3-Dichloroprop...	8.179	79	30318	4.698	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.000%		
46) 2-Hexanone-d5	8.636	63	104948	48.256	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.520%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	79723	5.081	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	63096	4.997	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.000%		
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	597	0.040	ug/L #	21
16) Methylene chloride	3.044	84	13698	0.665	ug/L	89
35) Methylcyclohexane	6.690	83	22461	1.017	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9759	0.507	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2315	0.100	ug/L #	77
61) 1,2,3-Trichloropropane	11.809	75	9237	1.007	ug/L #	69

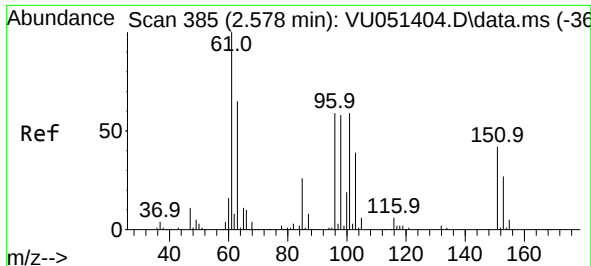
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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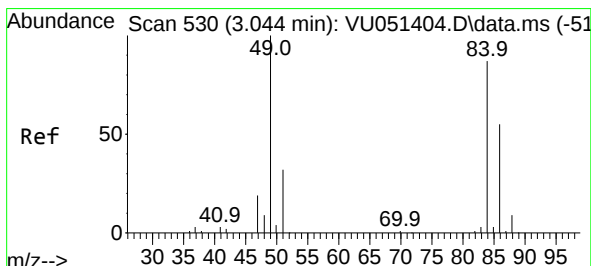
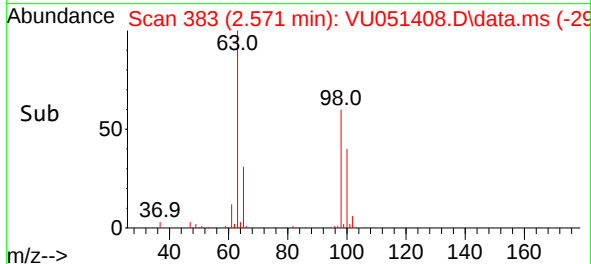
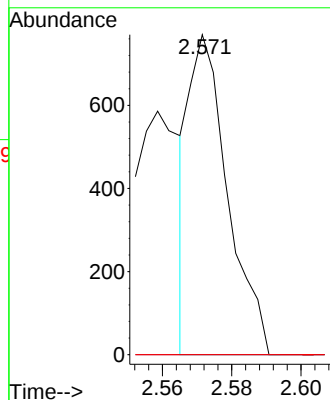
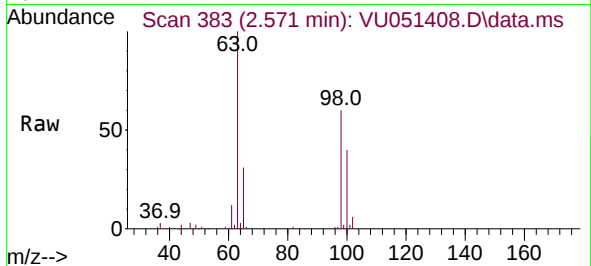




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.040 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU051408.D
Acq: 13 Oct 2022 14:18

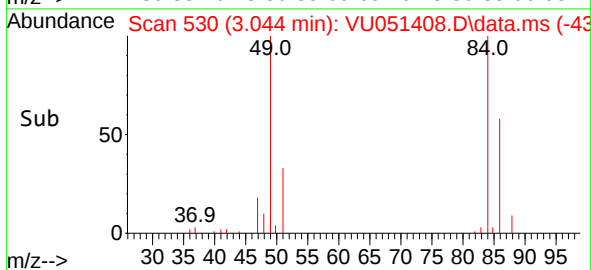
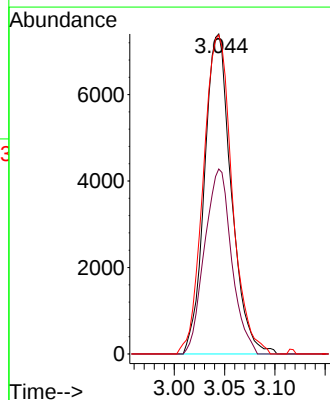
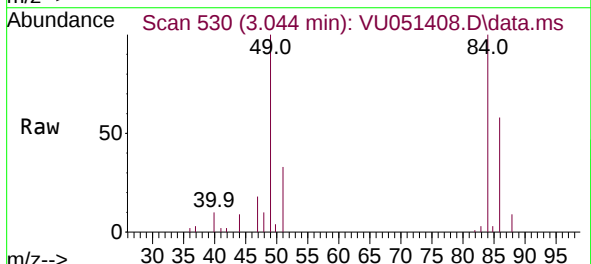
Instrument :
MSVOA_U
ClientSampleId :

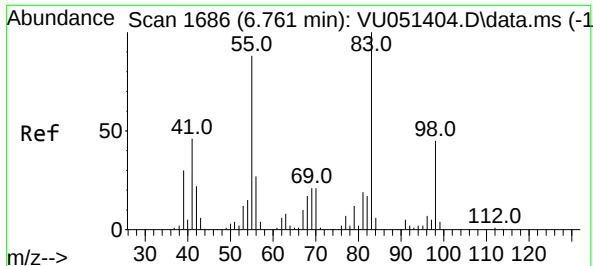
Tgt Ion:101 Resp: 597
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.665 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051408.D
Acq: 13 Oct 2022 14:18

Tgt Ion: 84 Resp: 13698
Ion Ratio Lower Upper
84 100
86 57.8 46.5 86.3
49 103.4 81.3 151.1

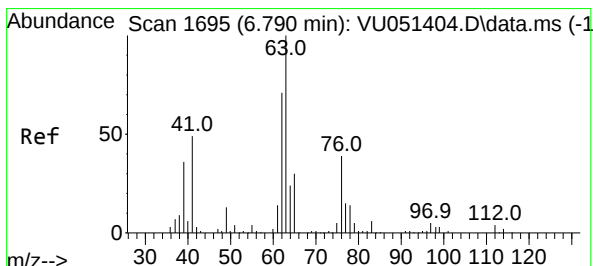
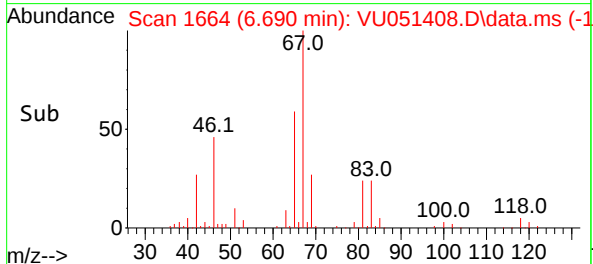
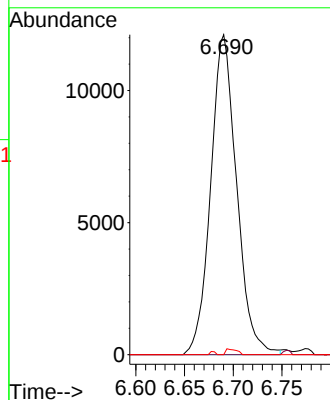
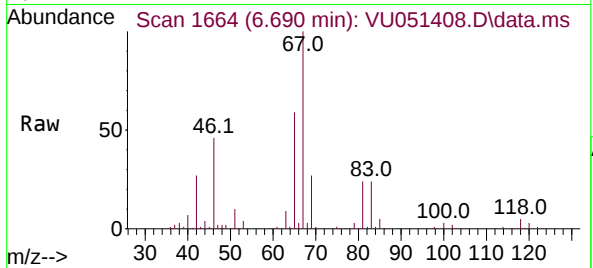




#35
Methylcyclohexane
Concen: 1.017 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051408.D
Acq: 13 Oct 2022 14:18

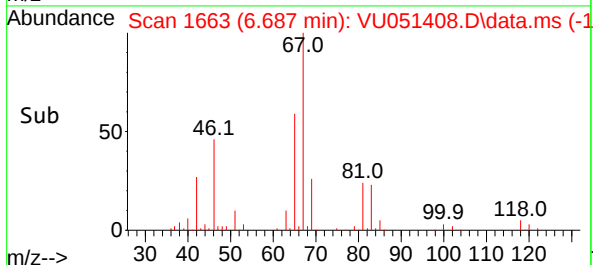
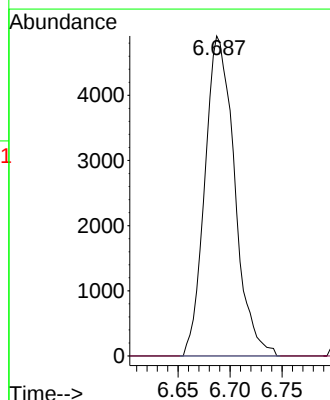
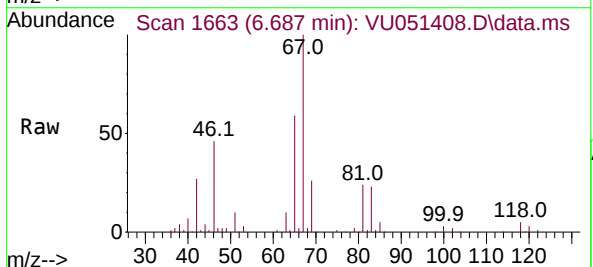
Instrument :
MSVOA_U
ClientSampleId :

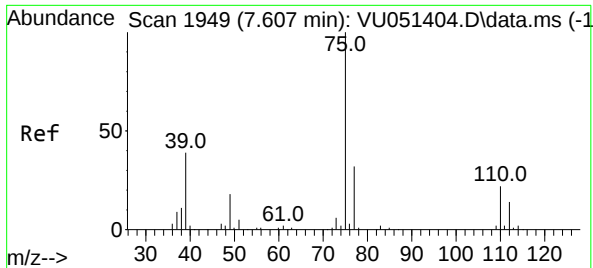
Tgt Ion: 83 Resp: 22461
Ion Ratio Lower Upper
83 100
55 0.4 65.8 98.6#
98 0.8 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051408.D
Acq: 13 Oct 2022 14:18

Tgt Ion: 63 Resp: 9759
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU051408.D

Acq: 13 Oct 2022 14:18

Instrument :

MSVOA_U

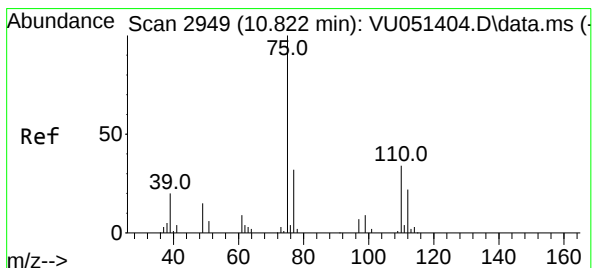
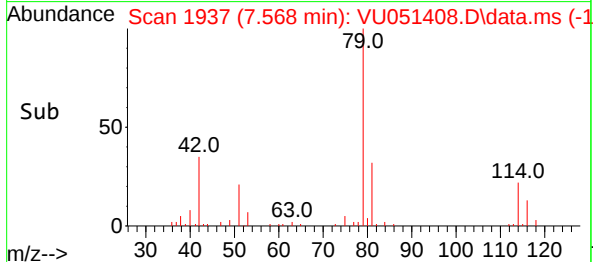
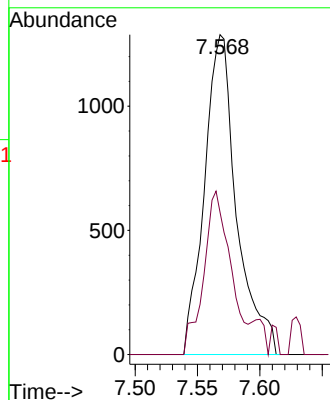
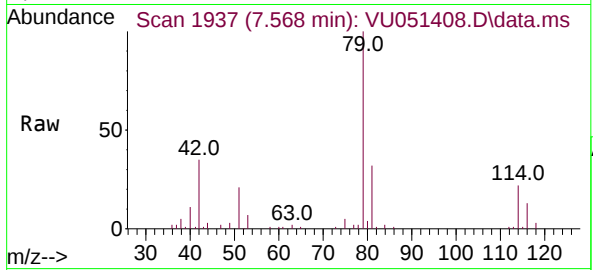
ClientSampleId :

Tgt Ion: 75 Resp: 2315

Ion Ratio Lower Upper

75 100

77 44.5 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.007 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051408.D

Acq: 13 Oct 2022 14:18

Tgt Ion: 75 Resp: 9237

Ion Ratio Lower Upper

75 100

110 1.7 27.0 40.6#

77 29.7 26.4 39.6

