

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061949.D
 Acq On : 22 Nov 2024 04:56
 Operator : MD/SY
 Sample : P4904-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG418

Quant Time: Nov 22 06:02:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

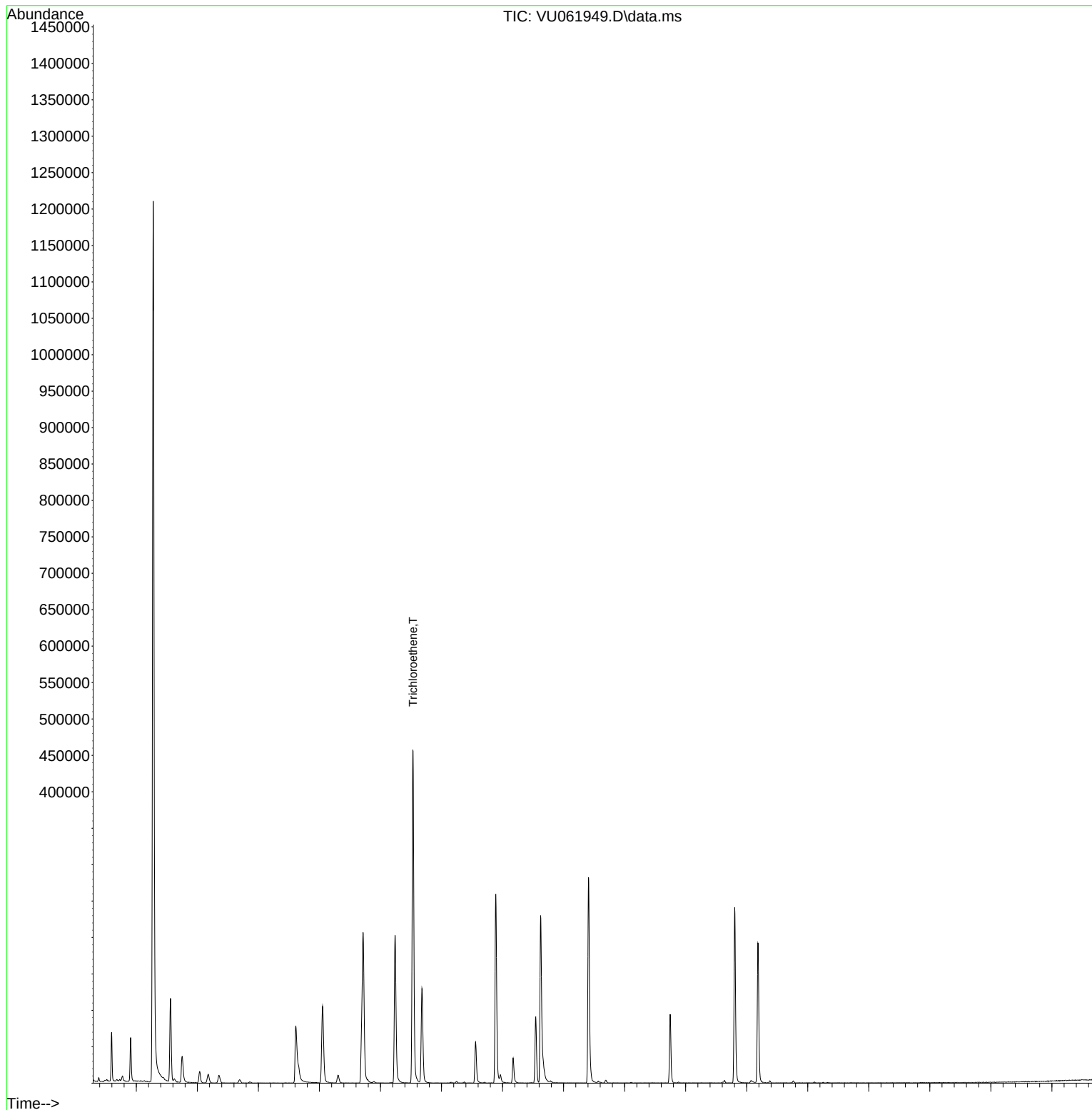
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	170520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46299	5.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.907	69	44029	5.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.000%
11) 1,1-Dichloroethene-d2	2.560	65	21723	6.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.000%#
20) 2-Butanone-d5	4.612	46	107548	40.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.900%
24) Chloroform-d	5.052	84	104334	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	51566	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.718	84	199000	6.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.600%
36) 1,2-Dichloropropane-d6	6.679	67	65731	6.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.200%
41) Toluene-d8	7.888	98	186881	7.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	140.400%#
43) trans-1,3-Dichloroprop...	8.174	79	21474	5.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.624	63	79831	43.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49928	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	52351	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
16) Methylene chloride	3.039	84	7830	0.570	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	11859	0.405	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	5052	0.371	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	8513	0.451	ug/L	96
34) Trichloroethene	6.531	95	170001	12.870	ug/L	99
47) Tetrachloroethene	8.544	164	20117	2.094	ug/L	94

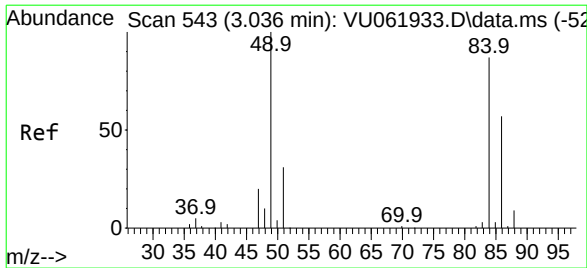
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.570 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

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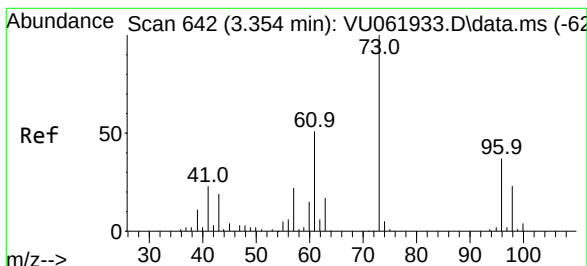
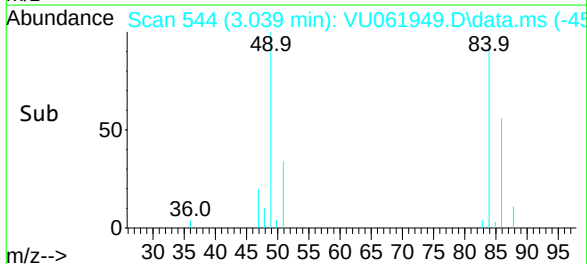
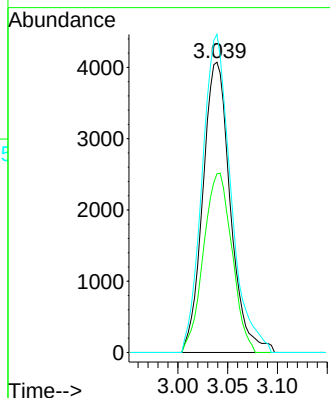
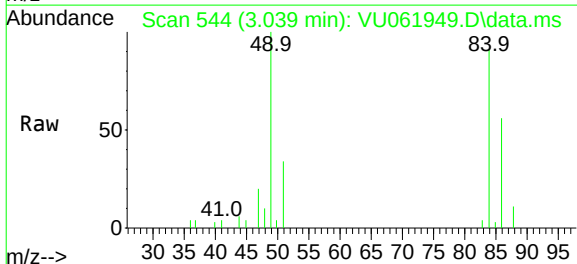
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Tgt Ion:	84	Resp:	7830
Ion	Ratio	Lower	Upper
84	100		
86	61.6	43.5	80.7
49	113.9	81.9	152.1



#17

Methyl tert-butyl Ether

Concen: 0.405 ug/L

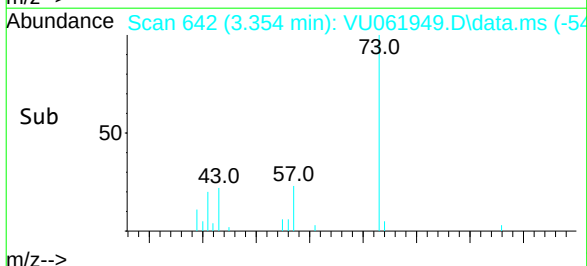
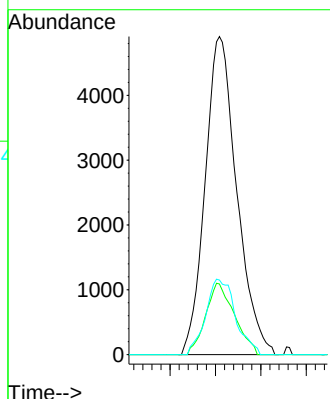
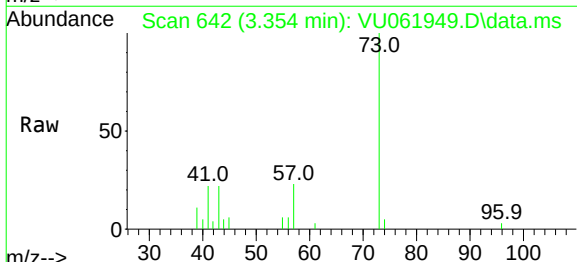
RT: 3.354 min Scan# 642

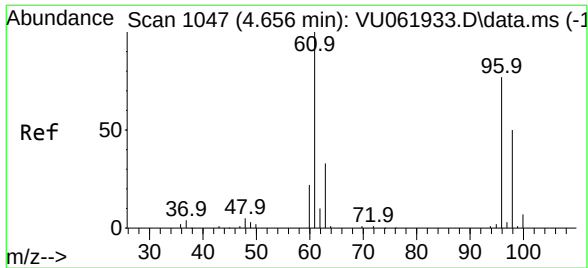
Delta R.T. 0.000 min

Lab File: VU061949.D

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Tgt Ion:	73	Resp:	11859
Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.3	24.5
57	22.3	17.1	25.7

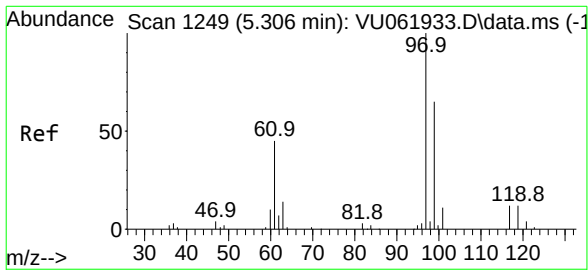
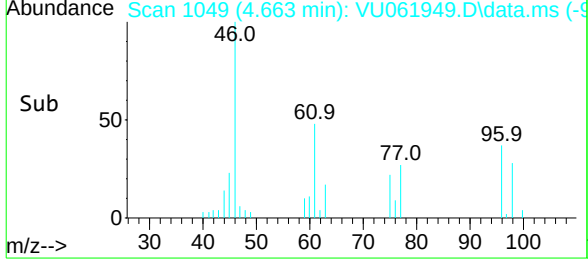
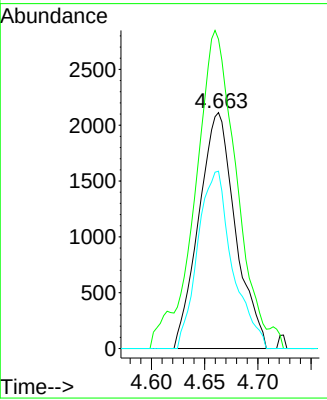
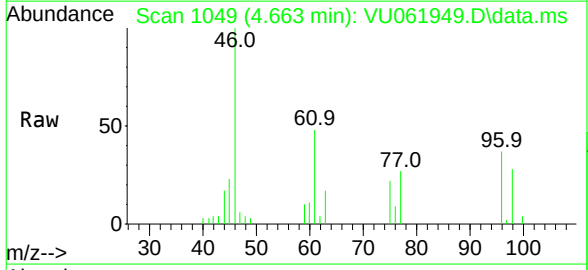




#22
 cis-1,2-Dichloroethene
 Concen: 0.371 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.007 min
 Lab File: VU061949.D
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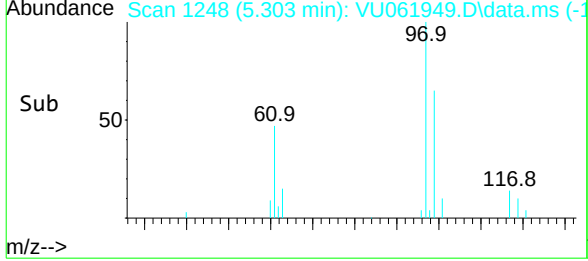
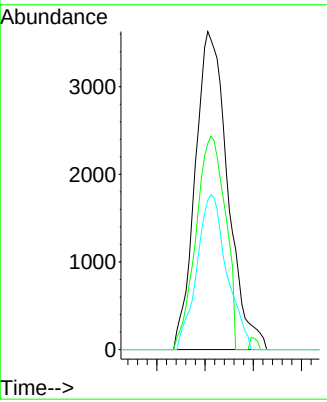
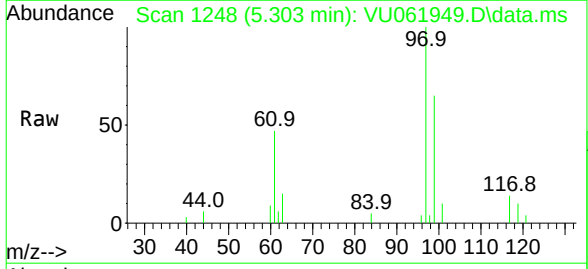
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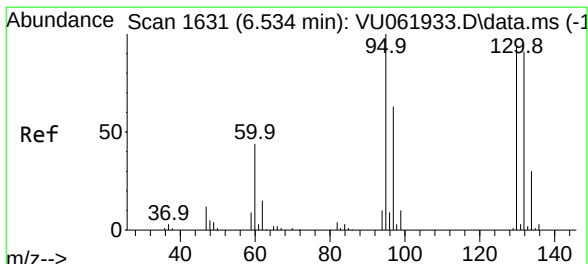
Tgt Ion: 96	Resp: 5052
Ion Ratio	Lower Upper
96 100	
61 131.1	92.0 170.8
98 75.2	44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.451 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: VU061949.D
 Acq: 22 Nov 2024 04:56

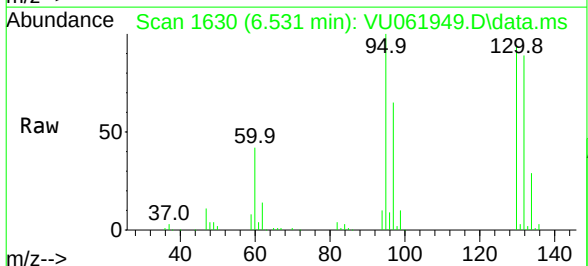
Tgt Ion: 97	Resp: 8513
Ion Ratio	Lower Upper
97 100	
99 60.3	51.4 77.2
61 44.8	37.8 56.6





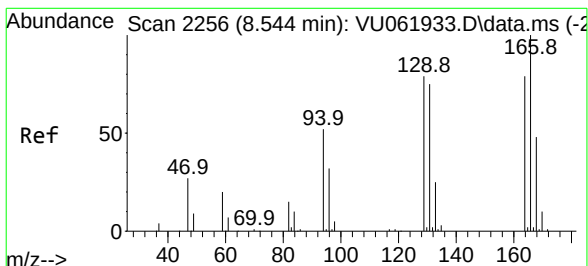
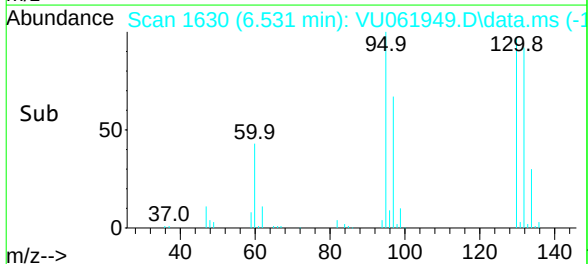
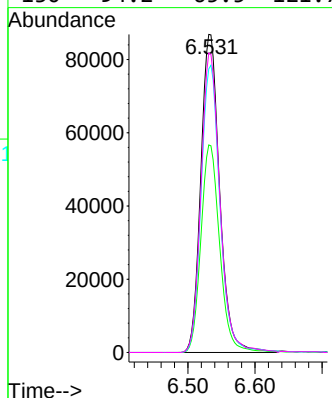
#34
 Trichloroethene
 Concen: 12.870 ug/L
 RT: 6.531 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU061949.D
 Acq: 22 Nov 2024 04:56

Instrument :
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Tgt Ion: 95 Resp: 170001

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	89.1	63.8	118.4
130	94.2	65.5	121.7



#47
 Tetrachloroethene
 Concen: 2.094 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061949.D
 Acq: 22 Nov 2024 04:56

Tgt Ion: 164 Resp: 20117

Ion	Ratio	Lower	Upper
164	100		
129	95.8	73.2	136.0
131	96.1	72.3	134.3
166	126.1	90.2	167.4

