

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028225.D
 Acq On : 30 Sep 2022 14:27
 Operator : SY/MD
 Sample : N4866-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ5

Quant Time: Sep 30 22:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

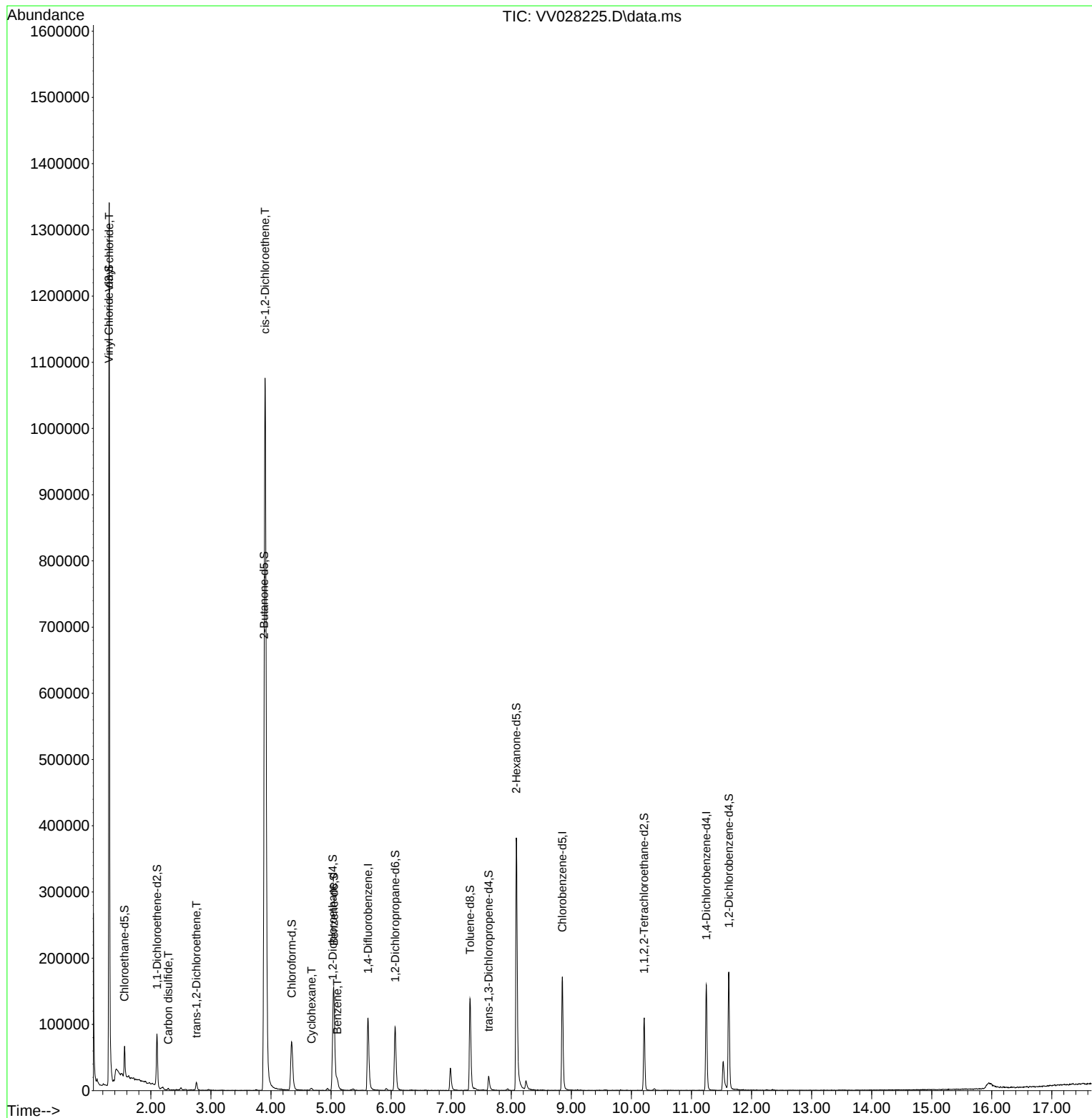
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	102153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	47842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35399	3.343	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.800%	
7) Chloroethane-d5	1.561	69	30141	3.580	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.600%	
11) 1,1-Dichloroethene-d2	2.101	63	40272	2.192	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	43.800%#	
20) 2-Butanone-d5	3.886	46	165874	92.774	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	185.540%#	
24) Chloroform-d	4.346	84	78042	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.027	65	45451	5.652	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.046	84	137036	4.028	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	6.066	67	46906	4.423	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.313	98	100428	3.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	14516	3.789	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.800%	
46) 2-Hexanone-d5	8.085	63	137884	86.233	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	172.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	53017	7.313	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	146.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	49119	5.234	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
5) Vinyl chloride	1.307	62	832376	105.078	ug/L	99
14) Carbon disulfide	2.288	76	2723	0.201	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	4248	0.687	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	597524	73.687	ug/L	93
30) Cyclohexane	4.673	56	1432	0.155	ug/L #	74
33) Benzene	5.101	78	17944	0.623	ug/L	100

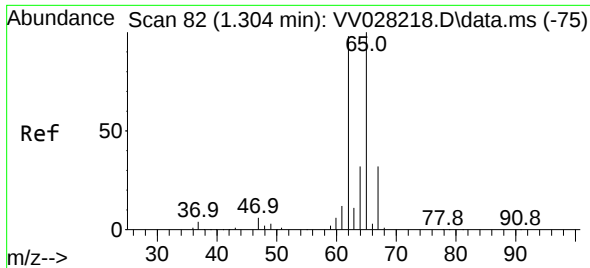
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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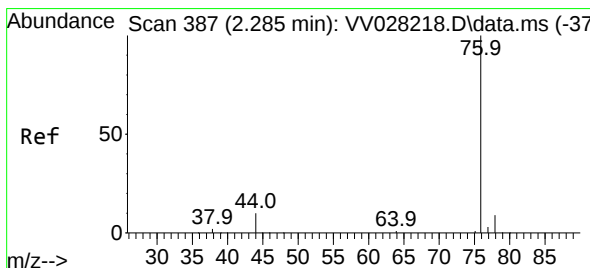
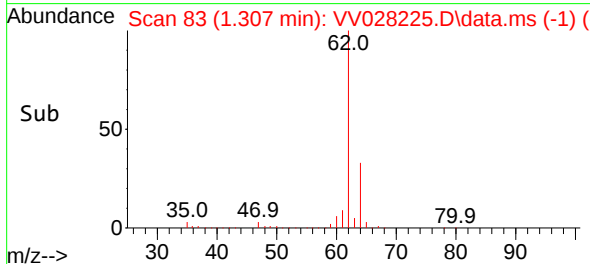
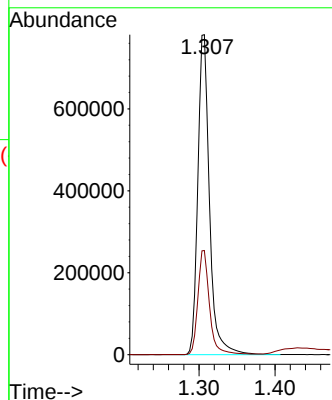
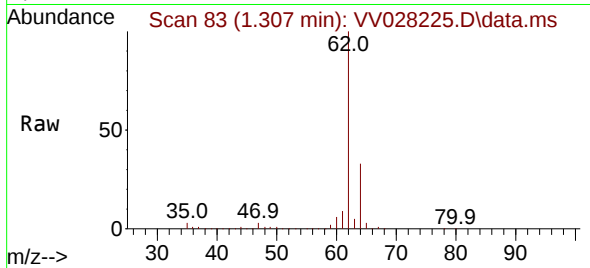




#5
 Vinyl chloride
 Concen: 105.078 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028225.D
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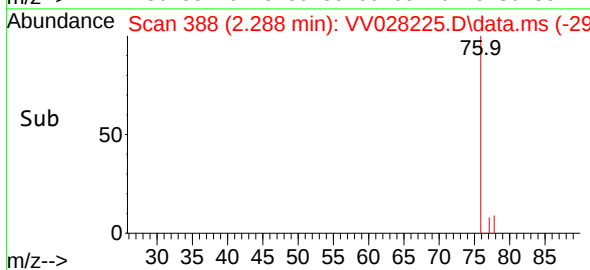
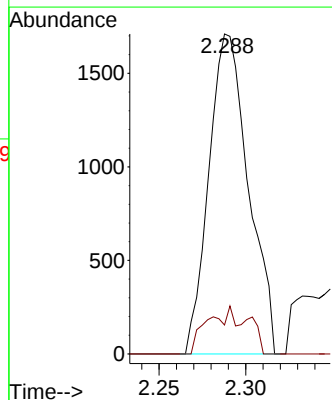
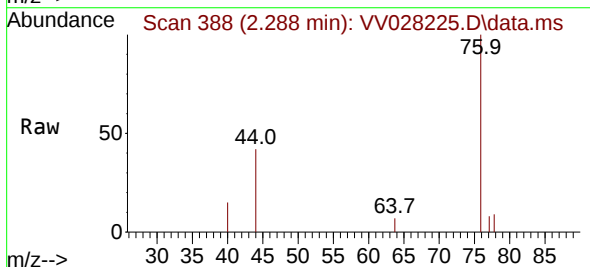
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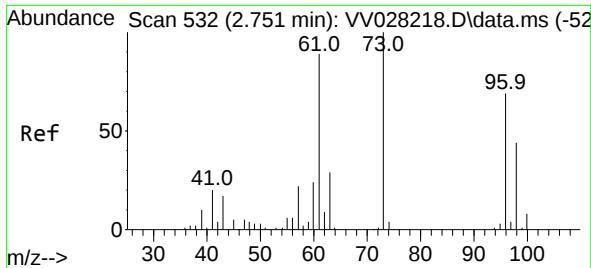
Tgt Ion: 62 Resp: 832376
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#14
 Carbon disulfide
 Concen: 0.201 ug/L
 RT: 2.288 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VV028225.D
 Acq: 30 Sep 2022 14:27

Tgt Ion: 76 Resp: 2723
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.6 11.4

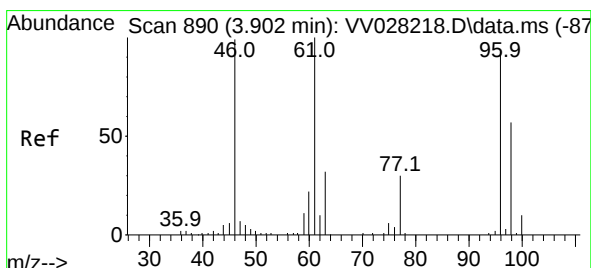
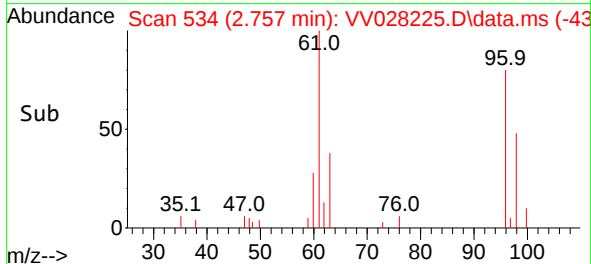
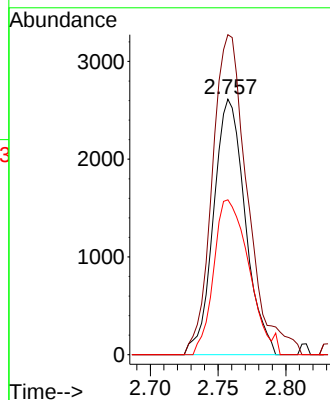
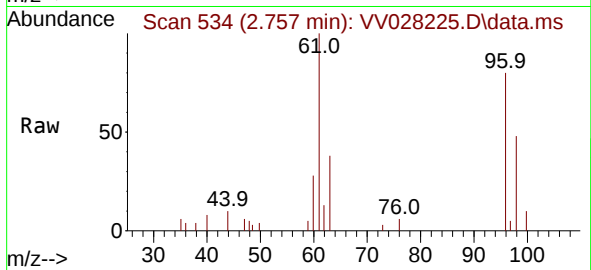




#18
trans-1,2-Dichloroethene
Concen: 0.687 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

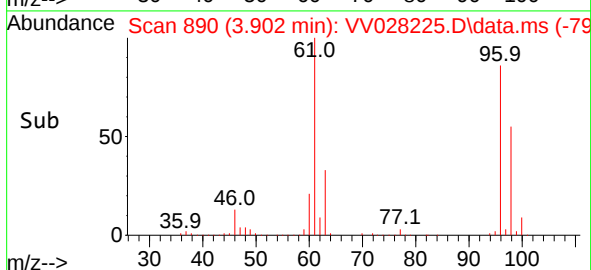
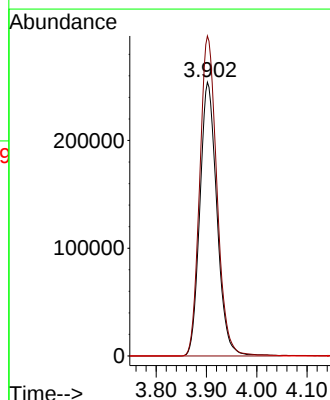
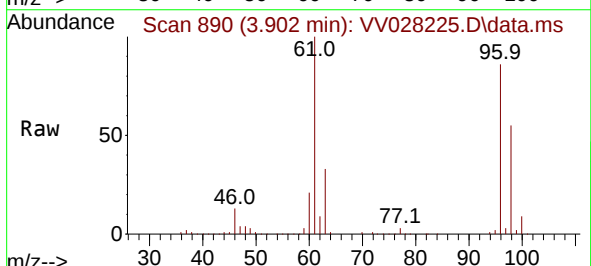
Instrument :
MSVOA_V
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EXFQ5

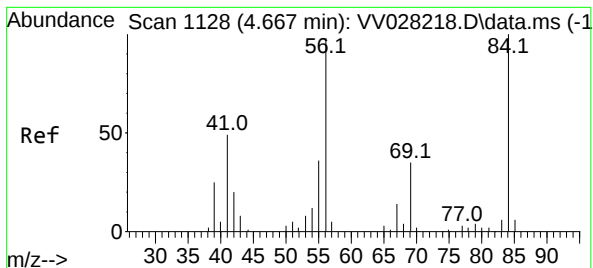
Tgt Ion: 96 Resp: 4248
Ion Ratio Lower Upper
96 100
61 125.2 96.2 178.6
98 60.6 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 73.687 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028225.D
Acq: 30 Sep 2022 14:27

Tgt Ion: 96 Resp: 597524
Ion Ratio Lower Upper
96 100
61 116.9 87.2 161.9
68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 0.155 ug/L

RT: 4.673 min Scan# 1128

Delta R.T. 0.009 min

Lab File: VV028225.D

Acq: 30 Sep 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

EXFQ5

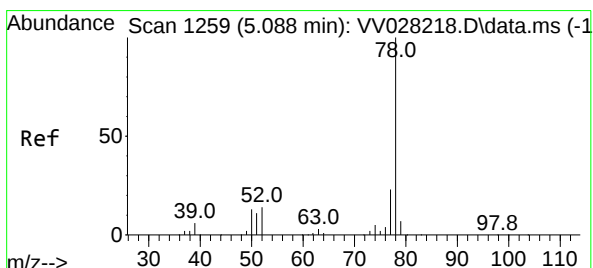
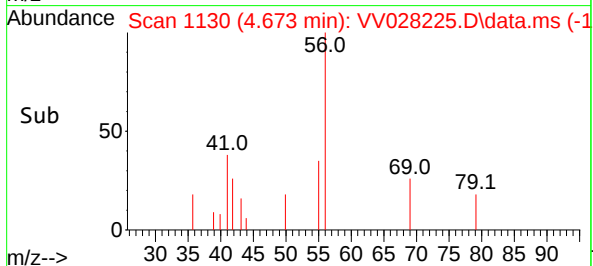
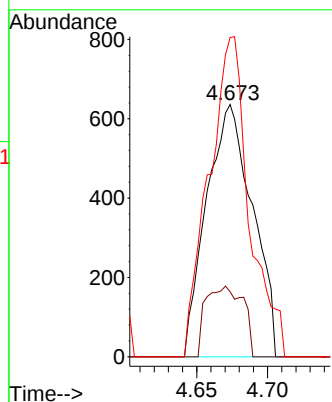
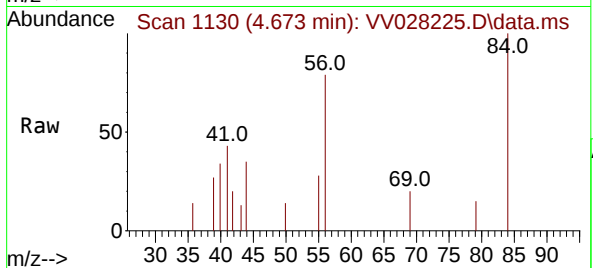
Tgt Ion: 56 Resp: 1432

Ion Ratio Lower Upper

56 100

69 22.6 23.7 35.5#

84 111.7 67.3 100.9#



#33

Benzene

Concen: 0.623 ug/L

RT: 5.101 min Scan# 1263

Delta R.T. 0.013 min

Lab File: VV028225.D

Acq: 30 Sep 2022 14:27

Tgt Ion: 78 Resp: 17944

