

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029498.D
 Acq On : 09 Dec 2022 01:14
 Operator : SY/MD
 Sample : N5915-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N07

Quant Time: Dec 09 04:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

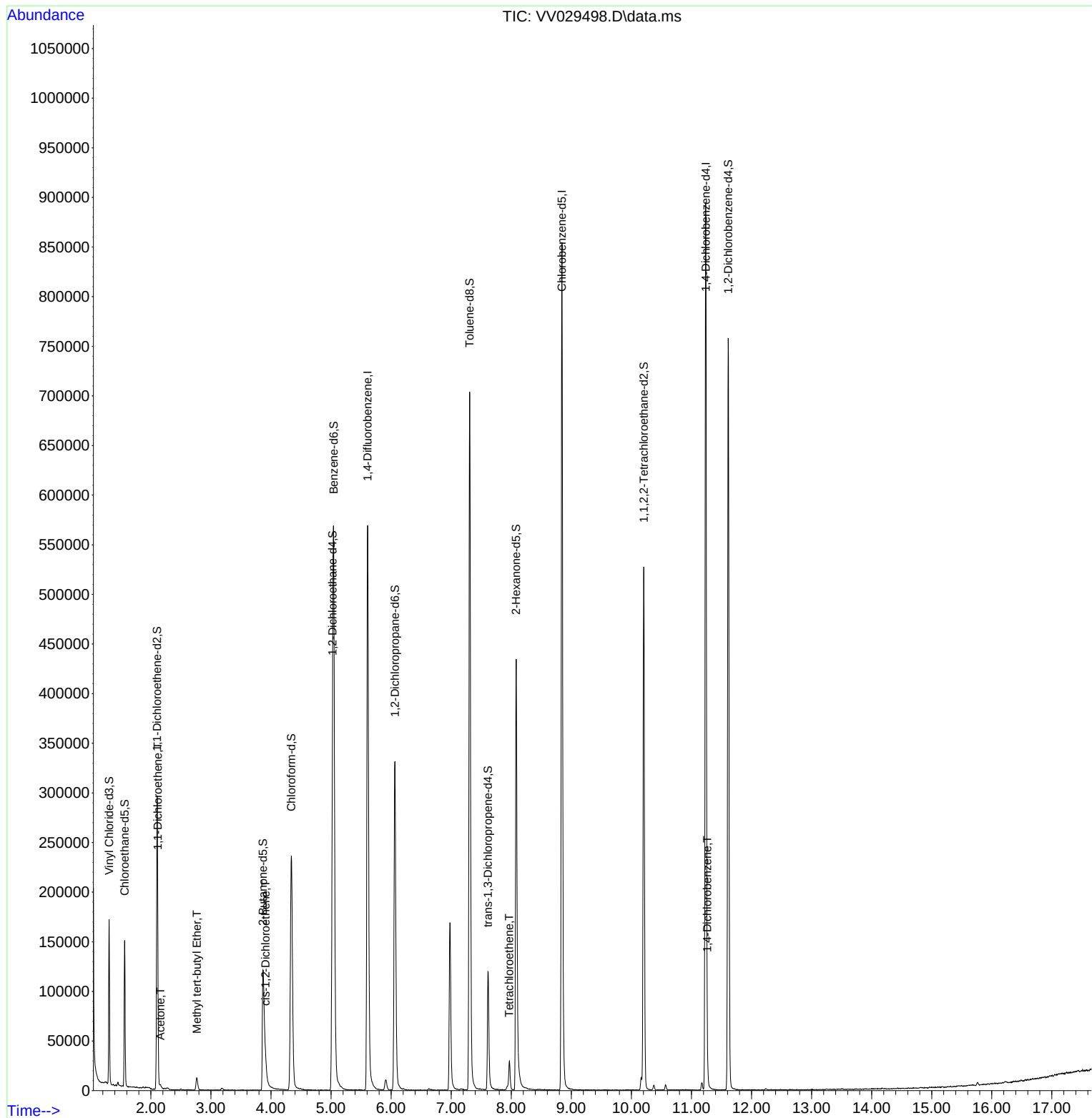
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	526131	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	489228	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	245896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	102758	31.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.780%
7) Chloroethane-d5	1.564	69	96618	39.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.660%
11) 1,1-Dichloroethene-d2	2.105	63	148430	29.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.080%#
21) 2-Butanone-d5	3.867	46	194814	99.122	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.120%
24) Chloroform-d	4.339	84	260821	43.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.040%
26) 1,2-Dichloroethane-d4	5.024	65	156164	45.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
32) Benzene-d6	5.043	84	543166	42.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	6.063	67	173357	43.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.800%
41) Toluene-d8	7.307	98	495373	40.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.340%
43) trans-1,3-Dichloroprop...	7.612	79	74786	37.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.020%
47) 2-Hexanone-d5	8.082	63	167094	99.098	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	262001	46.433	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.860%
66) 1,2-Dichlorobenzene-d4	11.612	152	206722	44.163	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	5678	2.019	ug/L	# 1
13) Acetone	2.159	43	3339	2.608	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	12979	1.307	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	7924	2.224	ug/L	93
46) Tetrachloroethene	7.966	164	6698	2.411	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	7889	1.100	ug/L	99

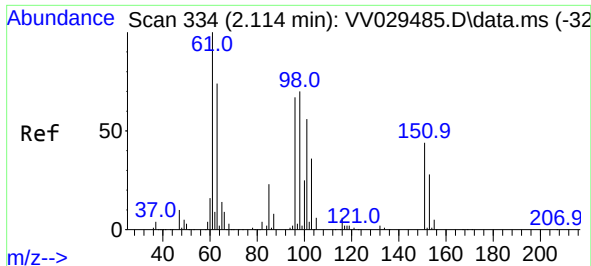
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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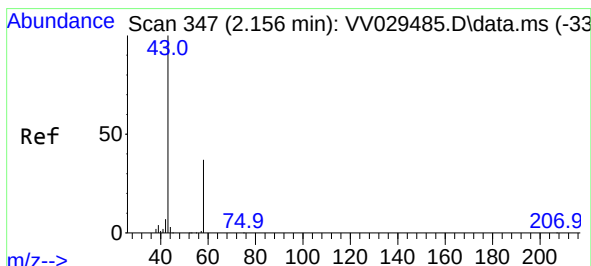
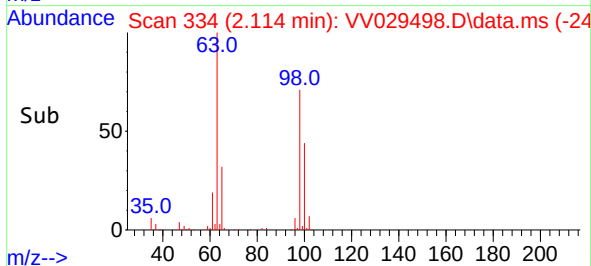
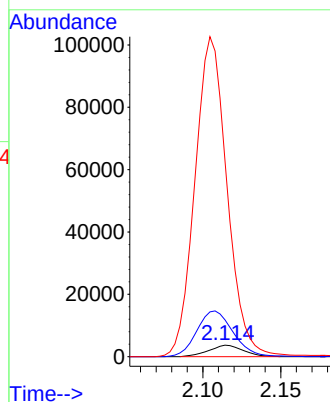
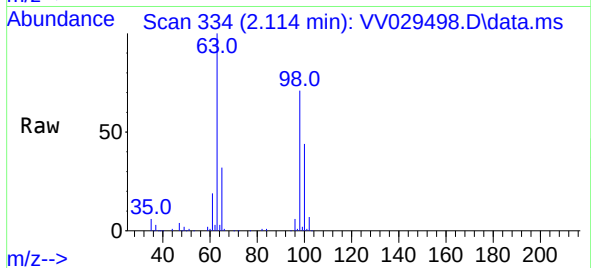




#12
1,1-Dichloroethene
Concen: 2.019 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029498.D
Acq: 09 Dec 2022 01:14

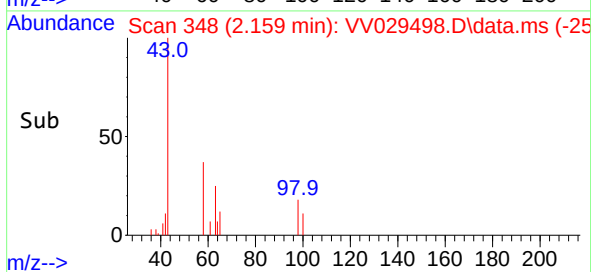
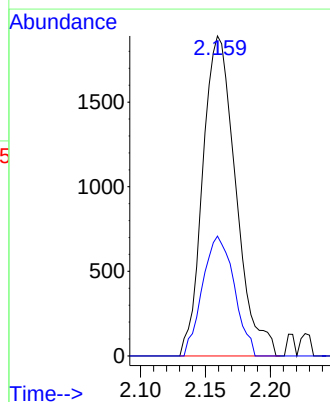
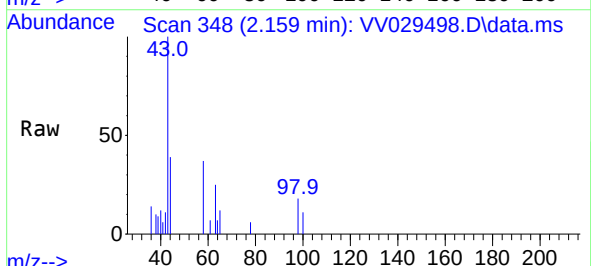
Instrument :
MSVOA_V
ClientSampleId :
F5N07

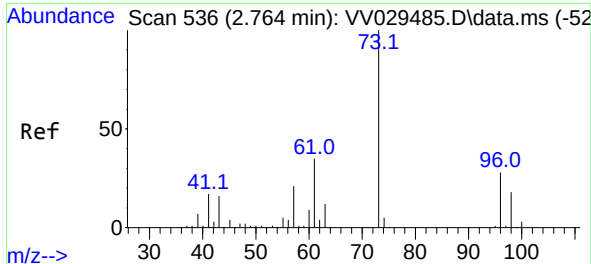
Tgt Ion: 96 Resp: 5678
Ion Ratio Lower Upper
96 100
61 319.2 103.3 191.9#
63 1700.7 77.3 143.7#



#13
Acetone
Concen: 2.608 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV029498.D
Acq: 09 Dec 2022 01:14

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 35.9 0.0 74.8





#18

Methyl tert-butyl Ether

Concen: 1.307 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029498.D

Acq: 09 Dec 2022 01:14

Instrument :

MSVOA_V

ClientSampleId :

F5N07

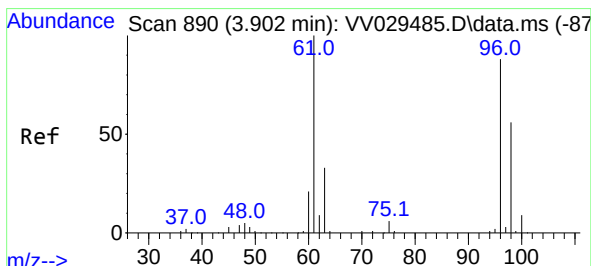
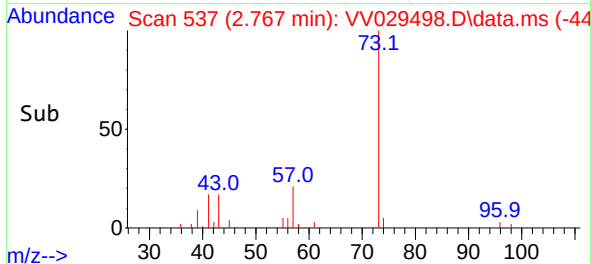
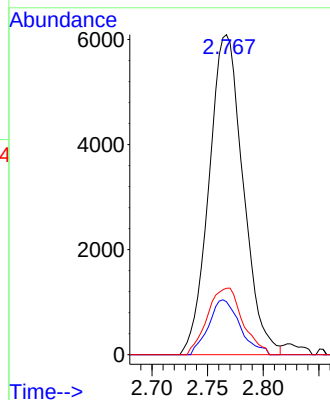
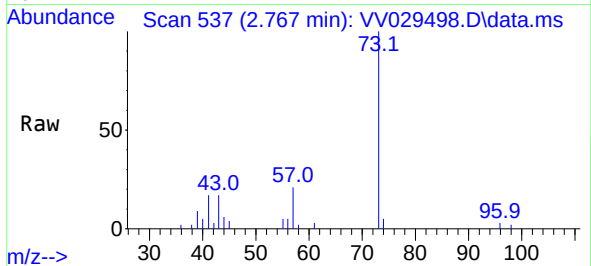
Tgt Ion: 73 Resp: 12979

Ion Ratio Lower Upper

73 100

43 15.8 12.7 19.1

57 21.4 16.7 25.1



#20

cis-1,2-Dichloroethene

Concen: 2.224 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029498.D

Acq: 09 Dec 2022 01:14

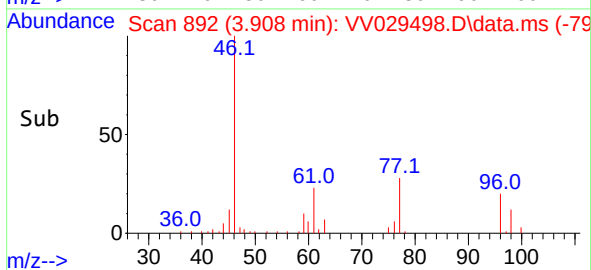
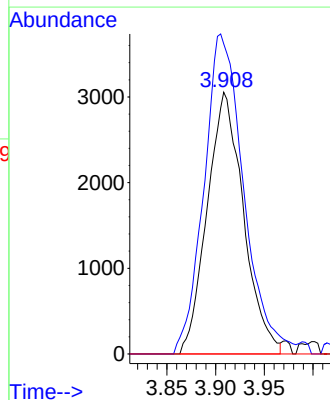
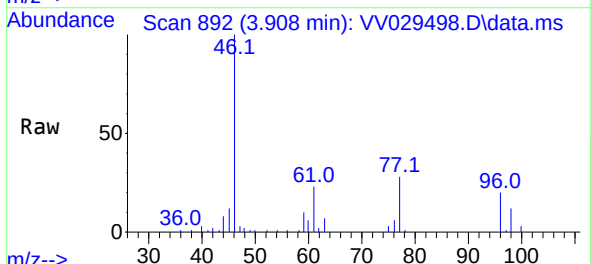
Tgt Ion: 96 Resp: 7924

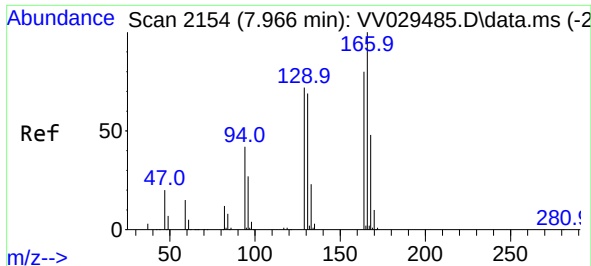
Ion Ratio Lower Upper

96 100

61 118.5 78.0 144.9

68 0.0 0.0 0.0



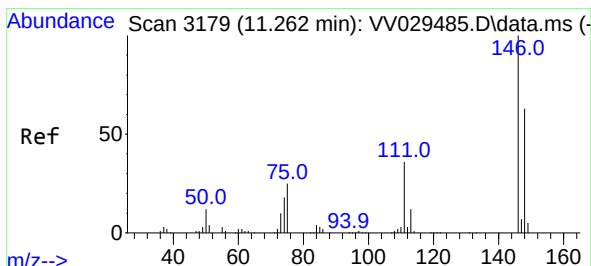
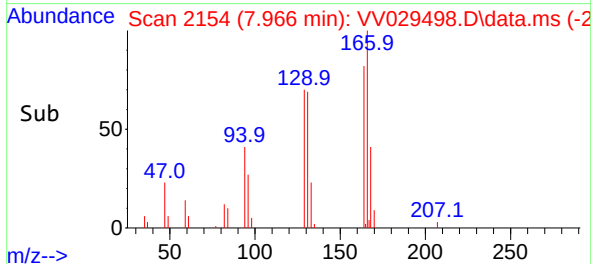
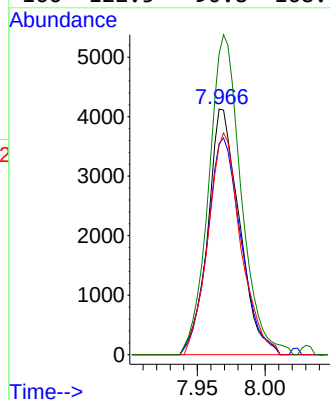
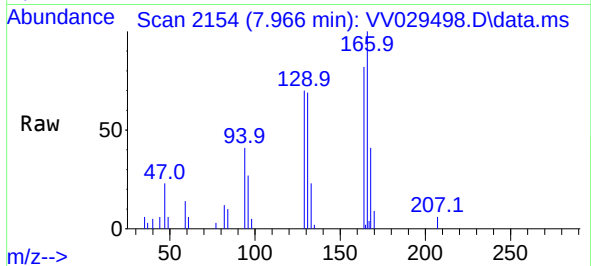


#46
Tetrachloroethene
Concen: 2.411 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029498.D
Acq: 09 Dec 2022 01:14

Instrument : MSVOA_V
ClientSampleId : F5N07

Tgt Ion:164 Resp: 6698

Ion	Ratio	Lower	Upper
164	100		
129	86.0	65.3	121.3
131	85.0	63.1	117.1
166	122.5	90.8	168.6



#65
1,4-Dichlorobenzene
Concen: 1.100 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029498.D
Acq: 09 Dec 2022 01:14

Tgt Ion:146 Resp: 7889

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.2	48.8
148	64.5	44.7	83.1

