

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028712.D
 Acq On : 27 Oct 2022 11:58
 Operator : SY/MD
 Sample : N5232-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA71

Quant Time: Oct 28 02:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

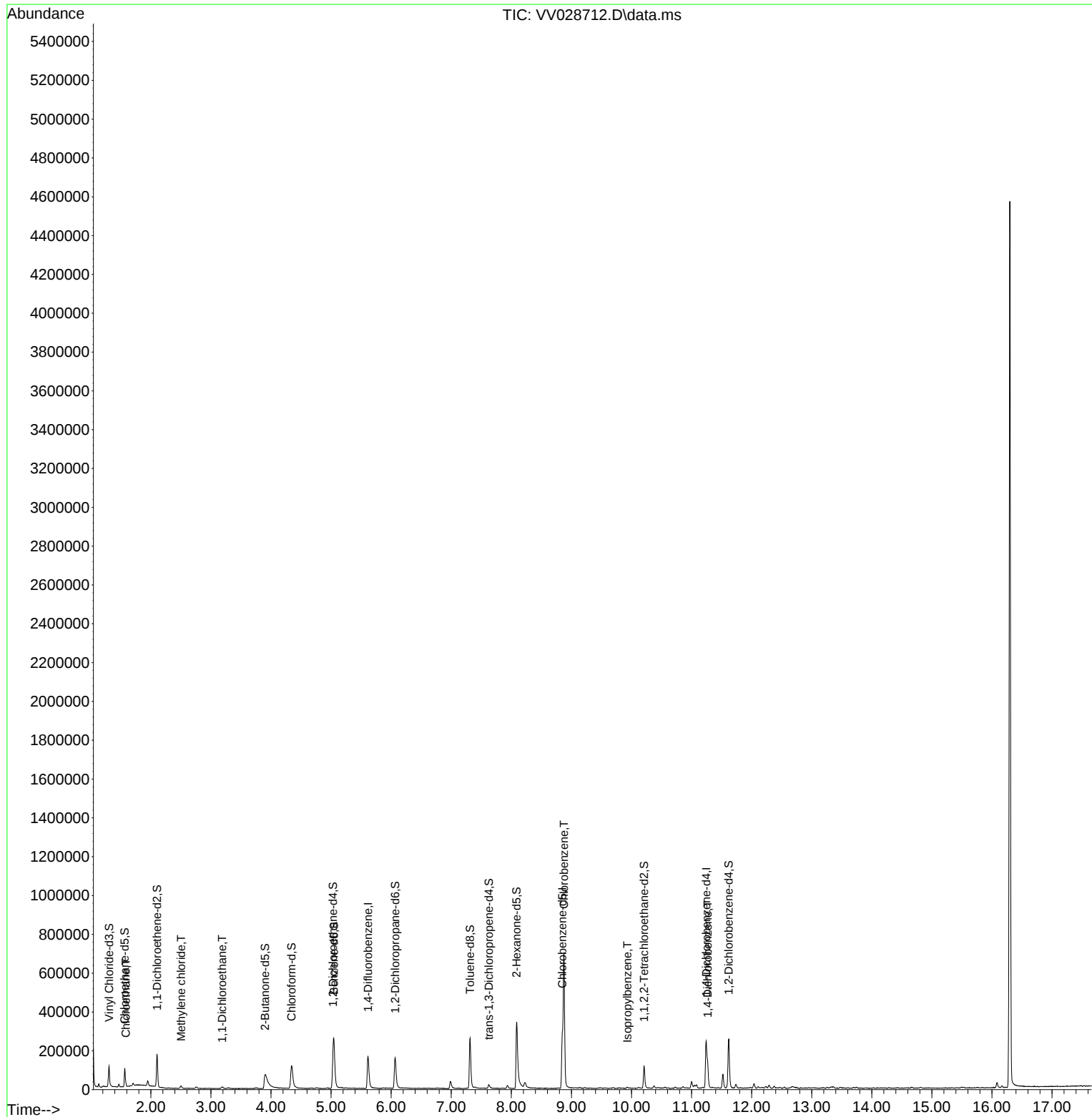
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	126190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	55170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64894	6.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 138.600%#	
7) Chloroethane-d5	1.564	69	60283	7.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 152.400%#	
11) 1,1-Dichloroethene-d2	2.101	63	92845	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.600%	
20) 2-Butanone-d5	3.899	46	180310	84.500	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 169.000%#	
24) Chloroform-d	4.342	84	114239	7.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 140.600%#	
26) 1,2-Dichloroethane-d4	5.030	65	61652	7.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 149.600%#	
32) Benzene-d6	5.047	84	221338	6.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 131.200%#	
36) 1,2-Dichloropropane-d6	6.066	67	79361	7.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 148.600%#	
41) Toluene-d8	7.313	98	168081	6.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 127.600%	
43) trans-1,3-Dichloroprop...	7.625	79	13054	3.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 78.600%	
46) 2-Hexanone-d5	8.088	63	125718	81.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 162.760%#	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54935	7.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 155.000%#	
66) 1,2-Dichlorobenzene-d4	11.619	152	54966	7.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 144.400%#	
Target Compounds						
						Qvalue
8) Chloroethane	1.584	64	12945	1.809	ug/L	89
16) Methylene chloride	2.503	84	4107	0.403	ug/L	94
19) 1,1-Dichloroethane	3.185	63	8908	0.496	ug/L #	89
51) Chlorobenzene	8.876	112	332123	14.749	ug/L	98
60) Isopropylbenzene	9.931	105	3717	0.107	ug/L #	83
65) 1,4-Dichlorobenzene	11.268	146	45354	3.040	ug/L	100

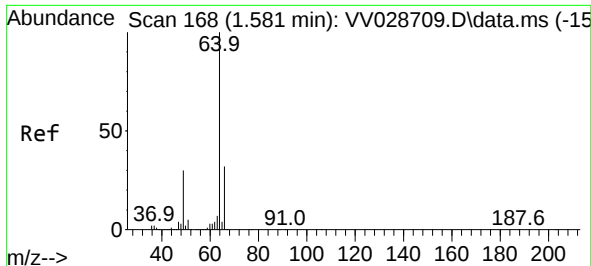
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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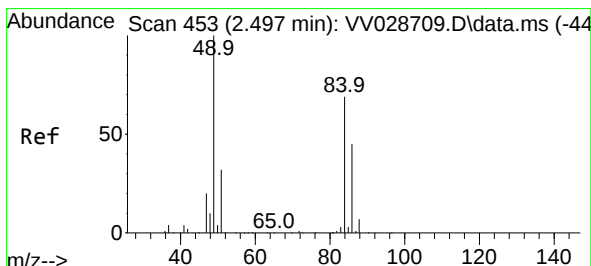
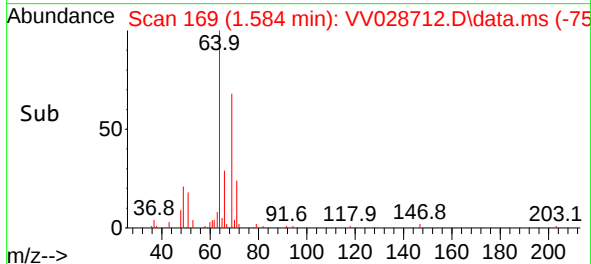
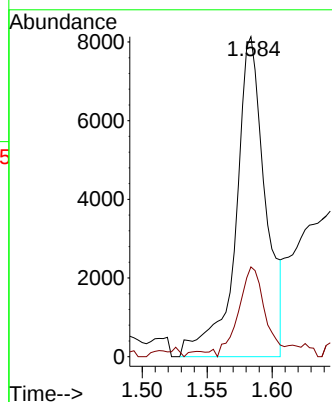
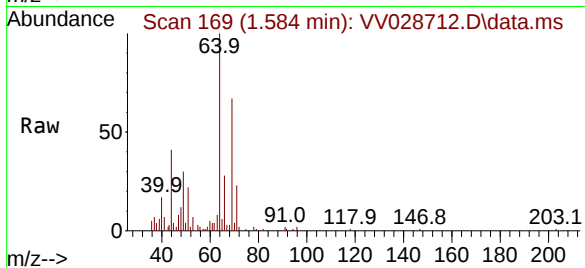




#8
Chloroethane
Concen: 1.809 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028712.D
Acq: 27 Oct 2022 11:58

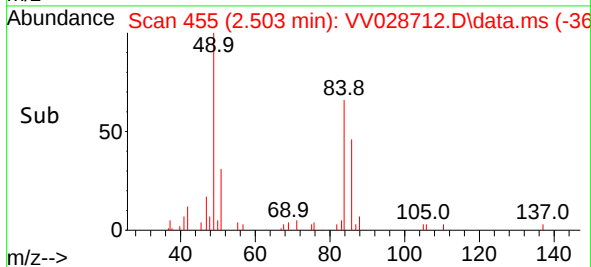
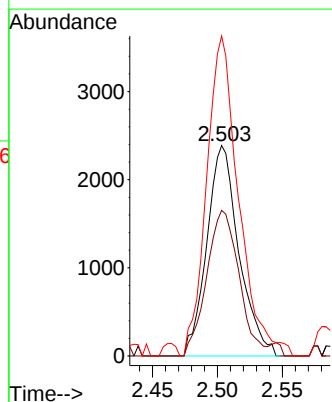
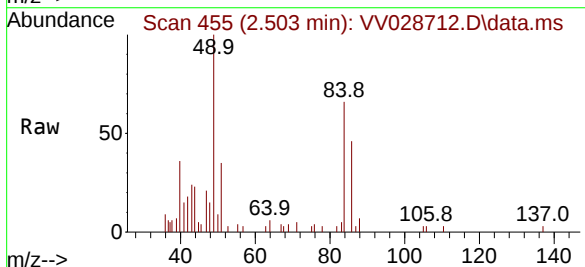
Instrument :
MSVOA_V
ClientSampleId :
BHA71

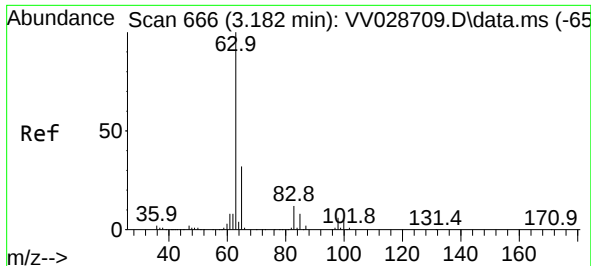
Tgt Ion: 64 Resp: 12945
Ion Ratio Lower Upper
64 100
66 28.1 23.9 44.5



#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV028712.D
Acq: 27 Oct 2022 11:58

Tgt Ion: 84 Resp: 4107
Ion Ratio Lower Upper
84 100
86 69.3 44.4 82.4
49 152.1 110.8 205.8





#19

1,1-Dichloroethane

Concen: 0.496 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028712.D

Acq: 27 Oct 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

BHA71

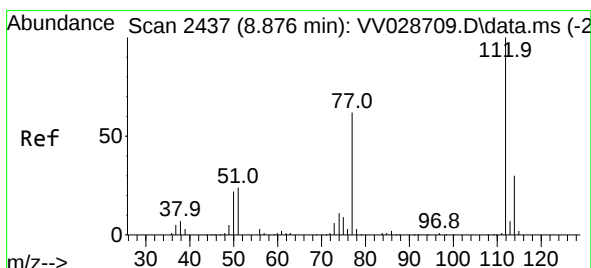
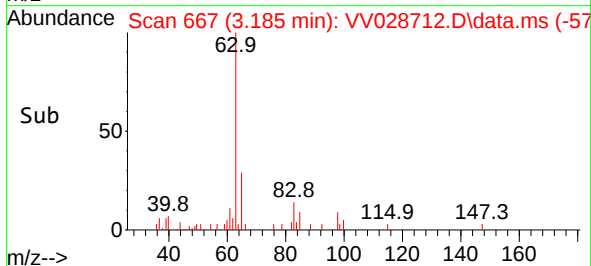
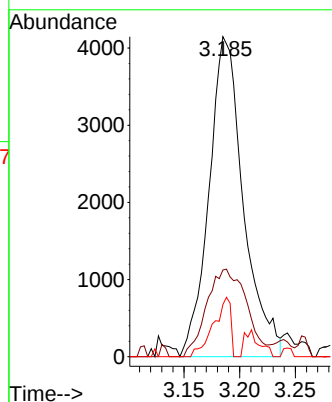
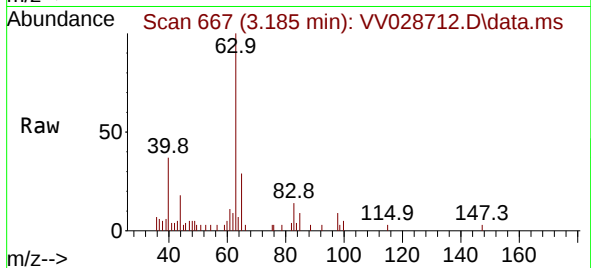
Tgt Ion: 63 Resp: 8908

Ion Ratio Lower Upper

63 100

65 27.1 23.1 42.9

83 16.3 7.9 14.7#



#51

Chlorobenzene

Concen: 14.749 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028712.D

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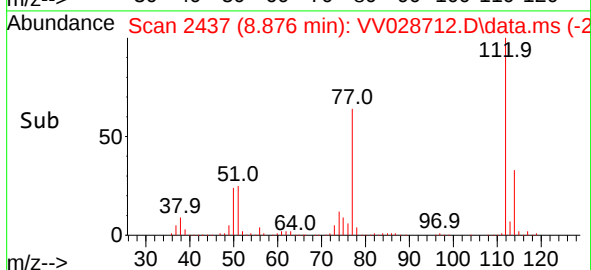
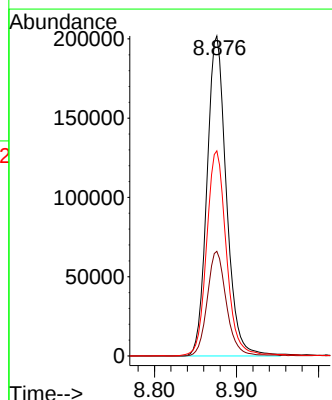
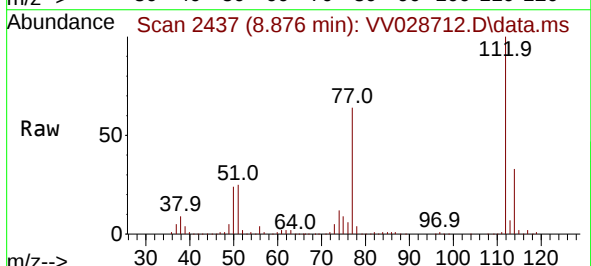
Tgt Ion: 112 Resp: 332123

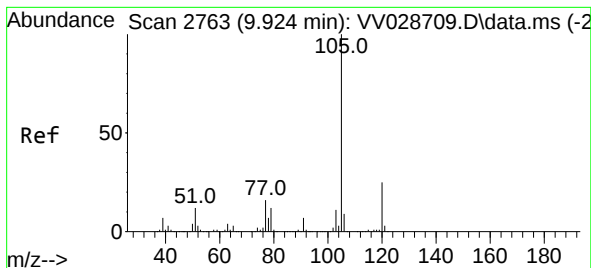
Ion Ratio Lower Upper

112 100

114 32.7 22.0 41.0

77 64.1 50.0 75.0





#60

Isopropylbenzene

Concen: 0.107 ug/L

RT: 9.931 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV028712.D

Acq: 27 Oct 2022 11:58

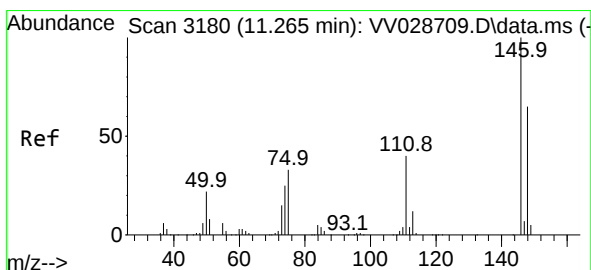
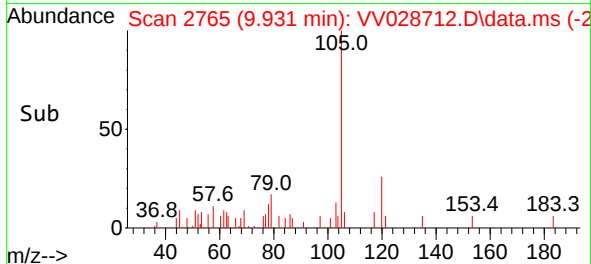
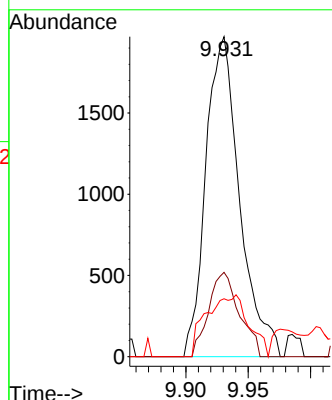
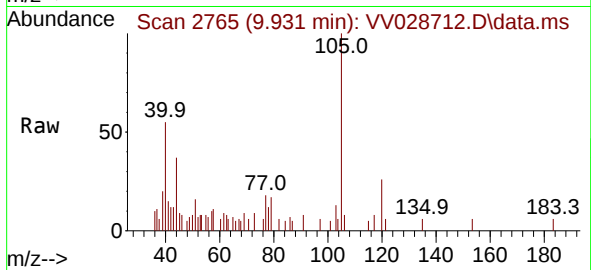
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Tgt Ion:105	Resp:	3717
Ion Ratio	Lower	Upper
105	100	
120	24.1	20.1 30.1
77	0.0	13.4 20.0



#65

1,4-Dichlorobenzene

Concen: 3.040 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VV028712.D

Acq: 27 Oct 2022 11:58

Tgt Ion:146	Resp:	45354
Ion Ratio	Lower	Upper
146	100	
111	40.7	28.6 53.2
148	63.2	44.3 82.3

