

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024015.D
 Acq On : 16 Dec 2021 16:03
 Operator : SY/MD
 Sample : M5090-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F1

Quant Time: Dec 17 02:01:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

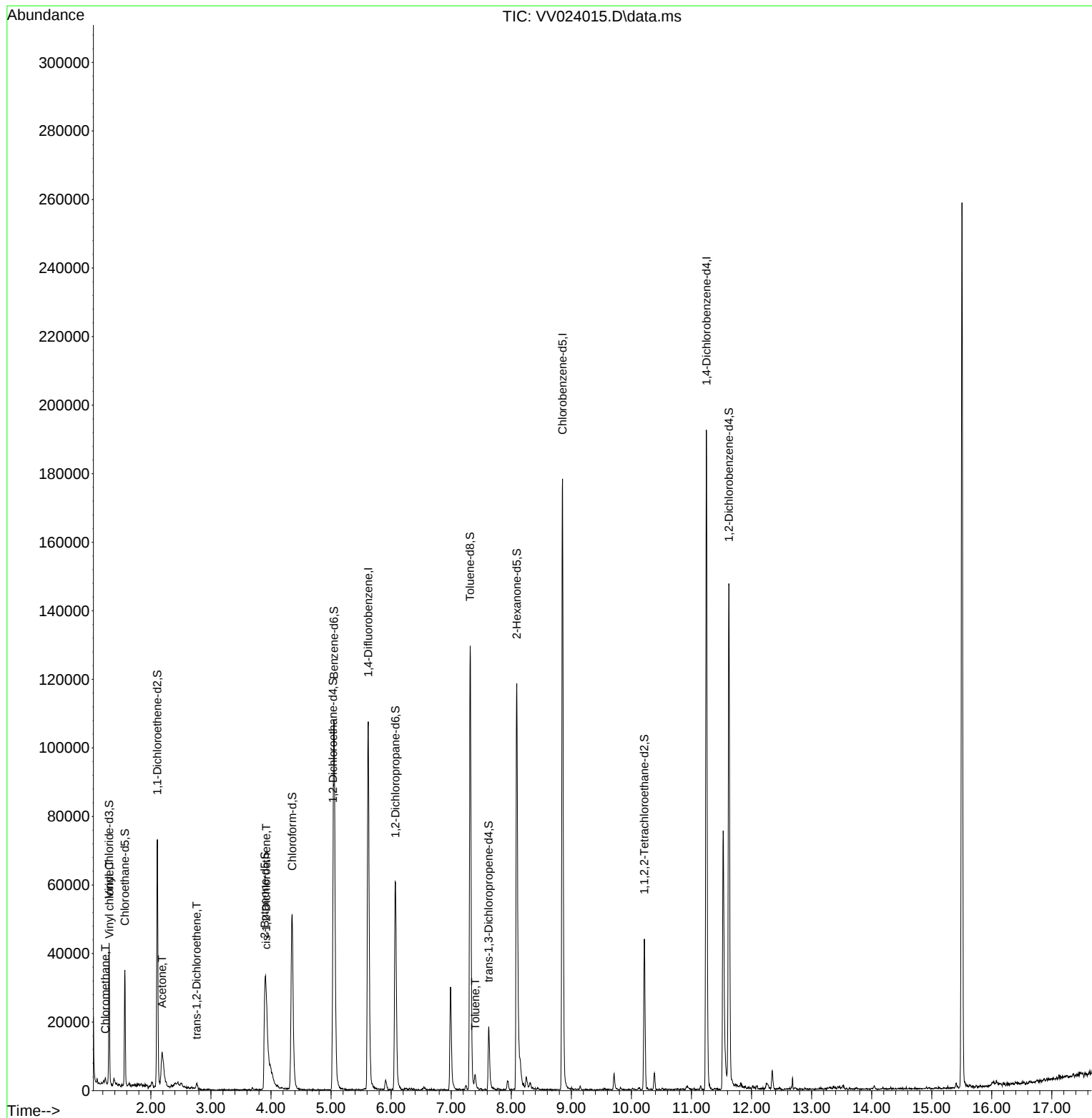
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96884	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23193	4.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	19892	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.108	63	35255	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.899	46	53464	52.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	4.352	84	51633	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.034	65	26938	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	97511	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.072	67	28949	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	86898	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.625	79	11261	4.462	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.091	63	40494	35.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19735	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	38412	5.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1038	0.144	ug/L	89
5) Vinyl chloride	1.310	62	342	0.044	ug/L #	1
13) Acetone	2.188	43	21699	26.654	ug/L	80
18) trans-1,2-Dichloroethene	2.760	96	560	0.078	ug/L	91
22) cis-1,2-Dichloroethene	3.921	96	3457	0.454	ug/L	99
42) Toluene	7.400	91	3285	0.101	ug/L	94

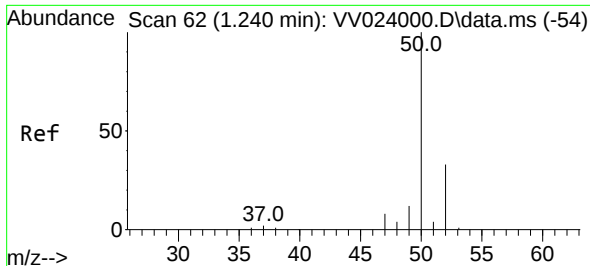
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
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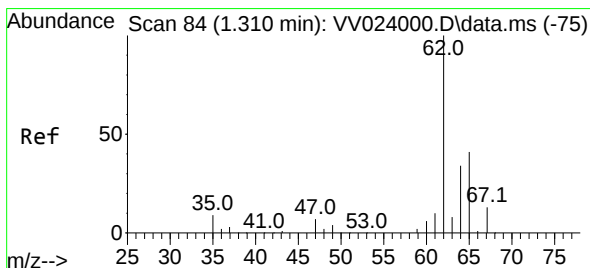
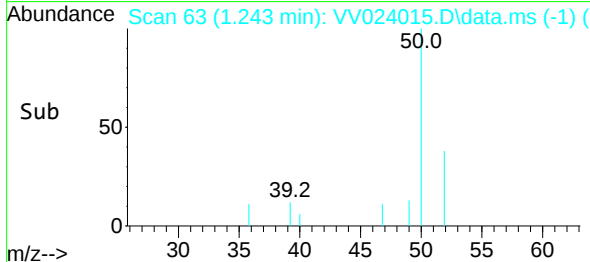
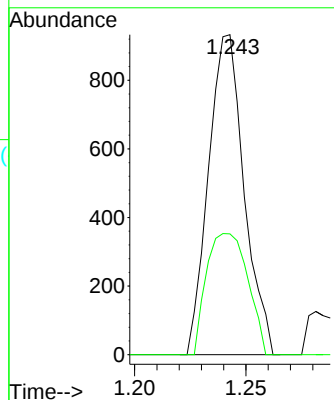
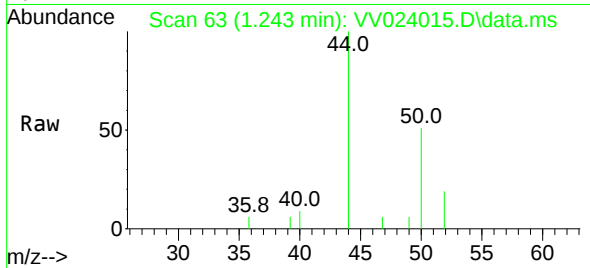




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024015.D
Acq: 16 Dec 2021 16:03

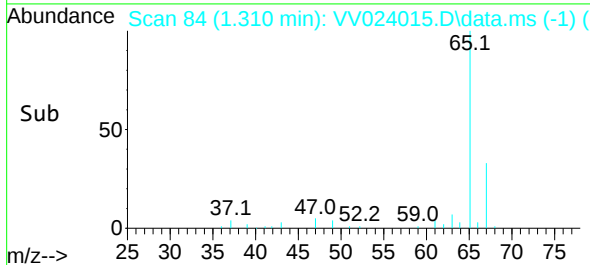
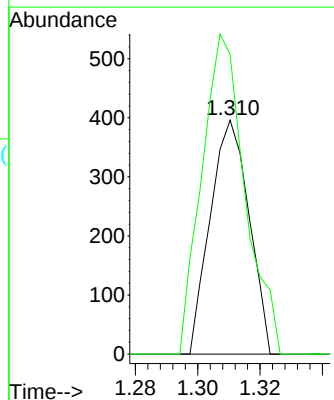
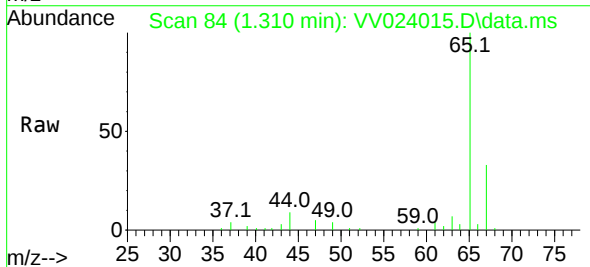
Instrument :
MSVOA_V
ClientSampleId :
BG3F1

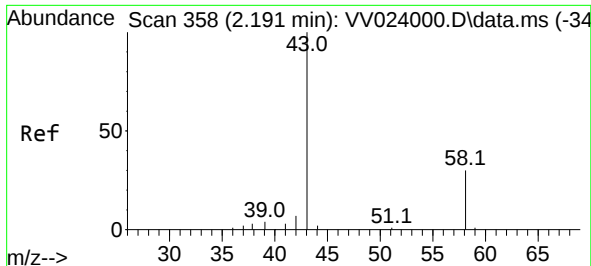
Tgt Ion: 50 Resp: 1038
Ion Ratio Lower Upper
50 100
52 37.7 22.0 41.0



#5
Vinyl chloride
Concen: 0.044 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024015.D
Acq: 16 Dec 2021 16:03

Tgt Ion: 62 Resp: 342
Ion Ratio Lower Upper
62 100
64 128.0 22.4 41.6#





#13

Acetone

Concen: 26.654 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024015.D

Acq: 16 Dec 2021 16:03

Instrument :

MSVOA_V

ClientSampleId :

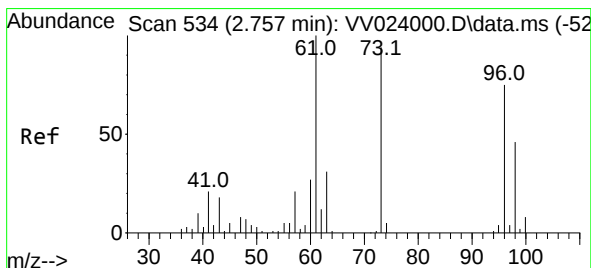
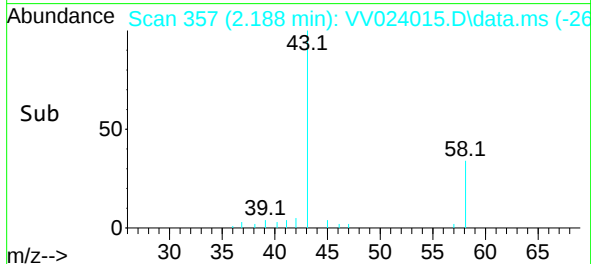
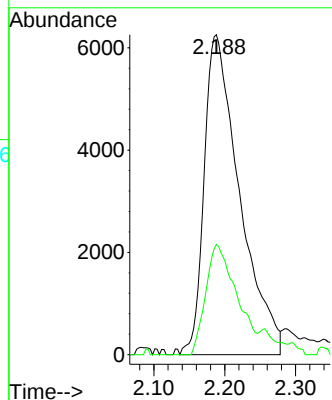
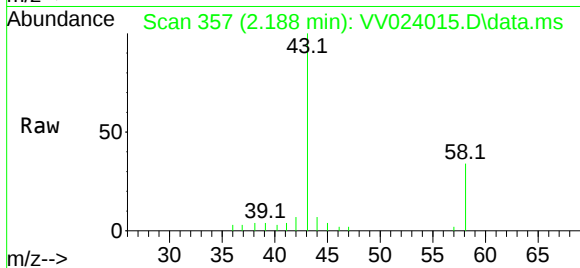
BG3F1

Tgt Ion: 43 Resp: 21699

Ion Ratio Lower Upper

43 100

58 30.1 0.0 41.4



#18

trans-1,2-Dichloroethene

Concen: 0.078 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV024015.D

Acq: 16 Dec 2021 16:03

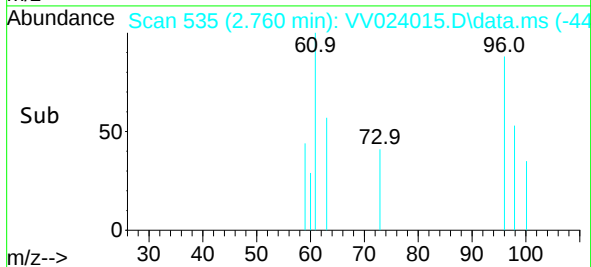
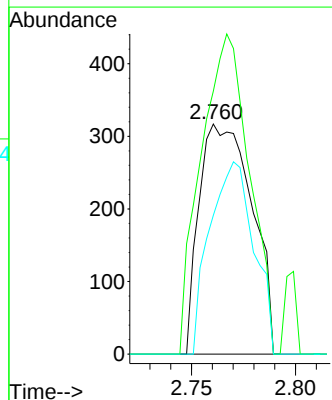
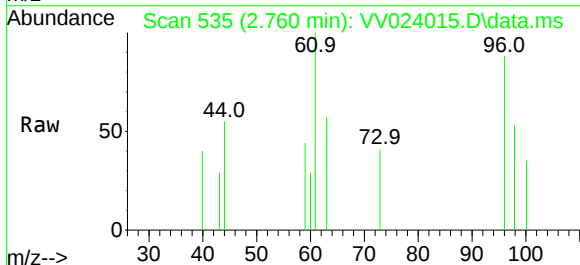
Tgt Ion: 96 Resp: 560

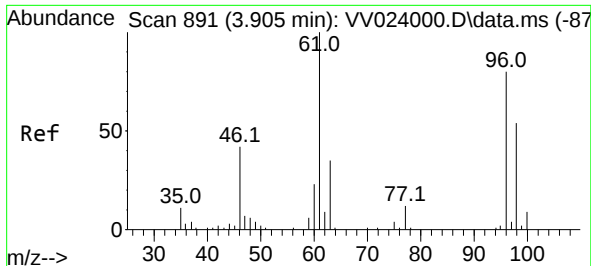
Ion Ratio Lower Upper

96 100

61 114.2 88.2 163.8

98 60.3 44.9 83.5

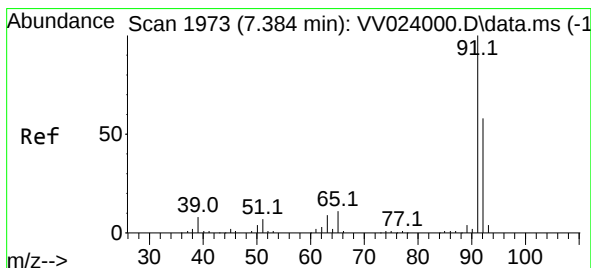
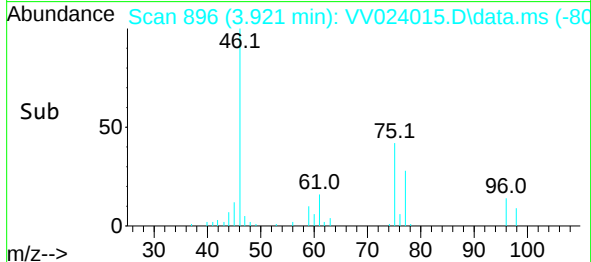
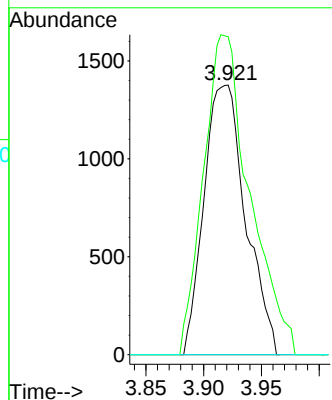
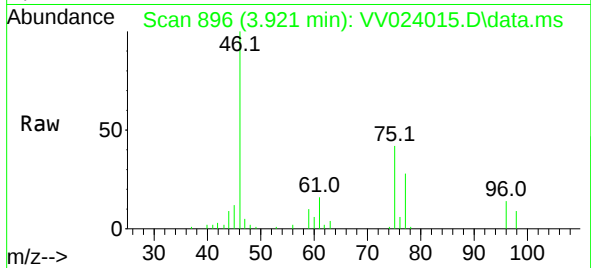




#22
 cis-1,2-Dichloroethene
 Concen: 0.454 ug/L
 RT: 3.921 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024015.D
 Acq: 16 Dec 2021 16:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F1

Tgt Ion: 96 Resp: 3457
 Ion Ratio Lower Upper
 96 100
 61 117.9 83.4 154.8
 68 0.0 0.0 0.0



#42
 Toluene
 Concen: 0.101 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.016 min
 Lab File: VV024015.D
 Acq: 16 Dec 2021 16:03

Tgt Ion: 91 Resp: 3285
 Ion Ratio Lower Upper
 91 100
 92 55.1 41.5 77.1

