

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040993.D
 Acq On : 11 Apr 2024 22:25
 Operator : JC/MD
 Sample : P2048-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0R47DL

Quant Time: Apr 12 01:49:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	287007	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	137032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	658	0.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.640%#
7) Chloroethane-d5	1.672	69	429	0.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.520%#
11) 1,1-Dichloroethene-d2	2.312	65	275	0.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.640%#
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.062	84	729	0.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.380%#
26) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
32) Benzene-d6	0.000	84	0d	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.000%#
36) 1,2-Dichloropropane-d6	0.000	67	0d	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.000%#
41) Toluene-d8	8.653	98	3922	0.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	1.120%#
43) trans-1,3-Dichloroprop...	8.964	79	480	0.456	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.920%#
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	1301	0.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.840%#
66) 1,2-Dichlorobenzene-d4	0.000	152	0d	0.000	ug/L	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.000%#

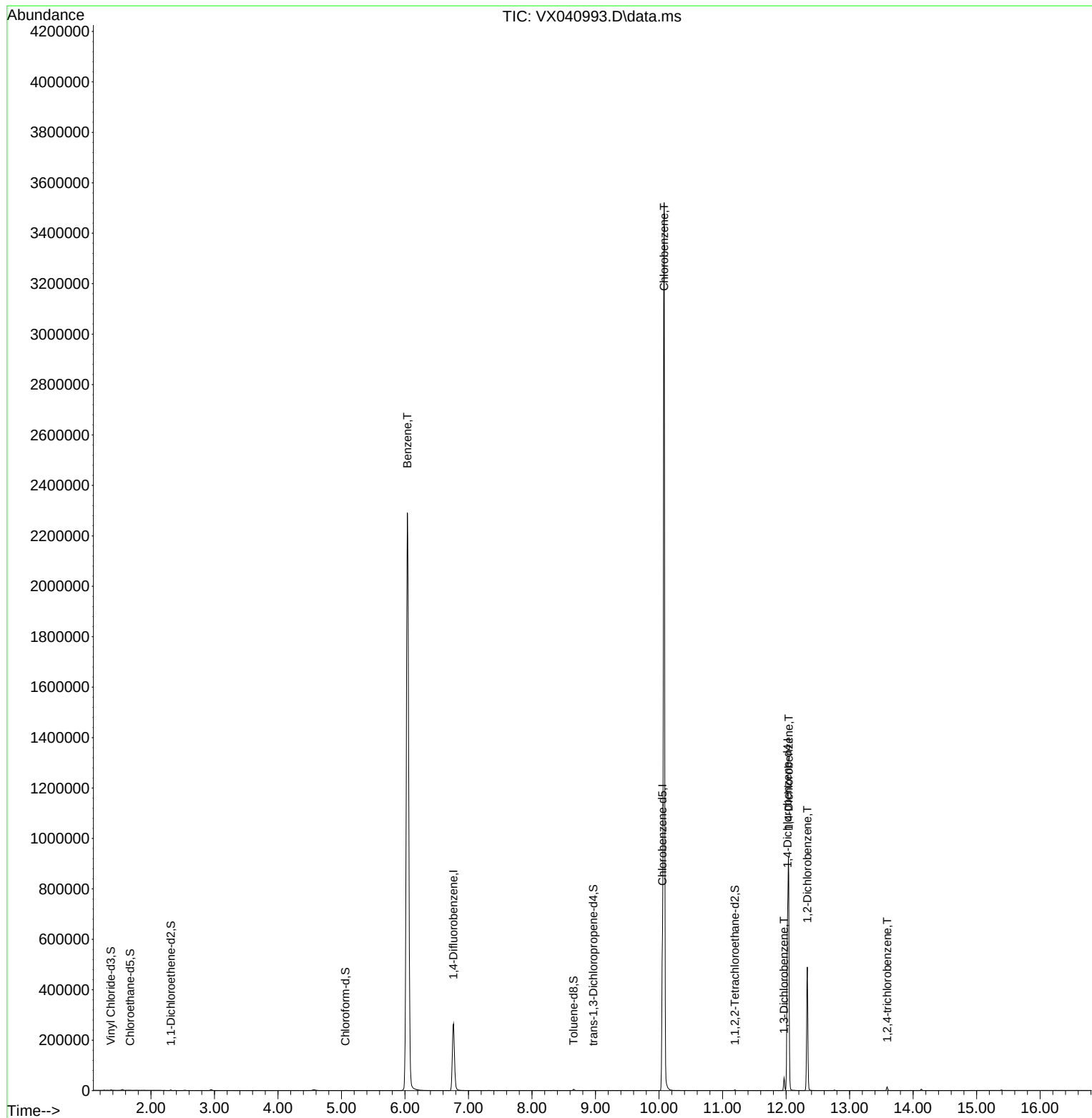
Target Compounds						Qvalue
33) Benzene	6.037	78	2781067	406.046	ug/L	100
51) Chlorobenzene	10.079	112	1591007	299.309	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	17308	4.117	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	297408	68.920	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	169862	41.656	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	4435	1.454	ug/L	95

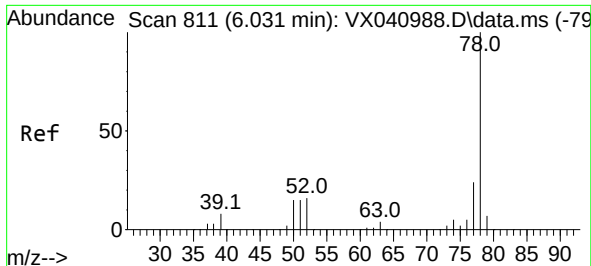
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

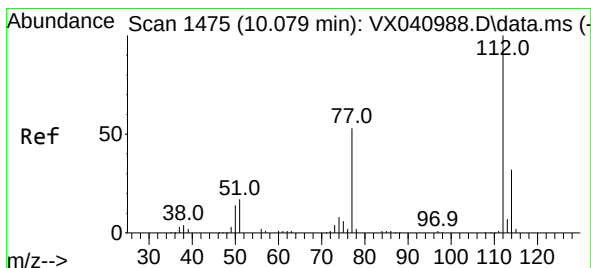
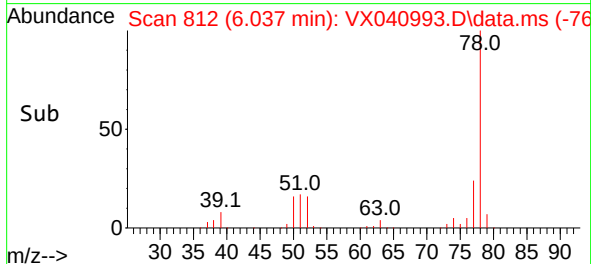
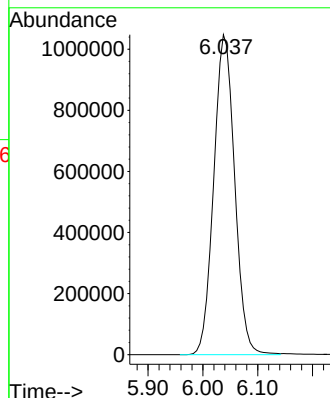
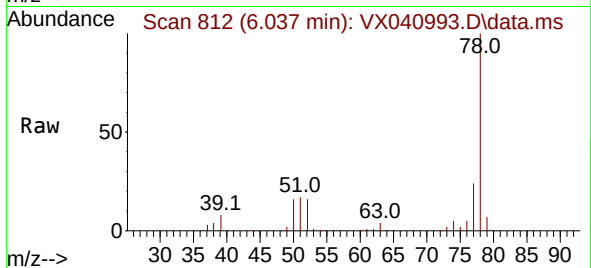




#33
Benzene
Concen: 406.046 ug/L
RT: 6.037 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
MC0R47DL

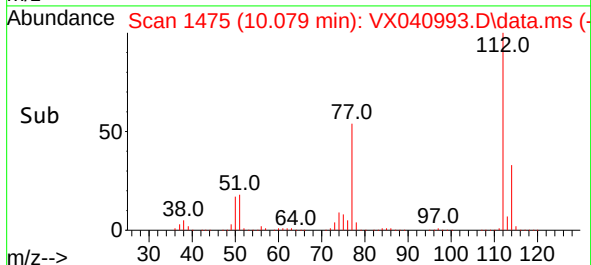
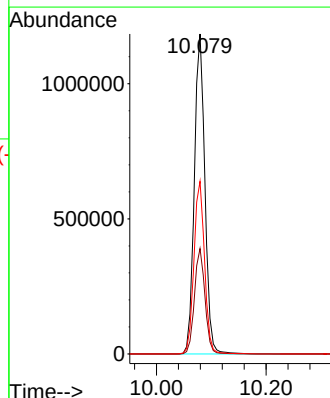
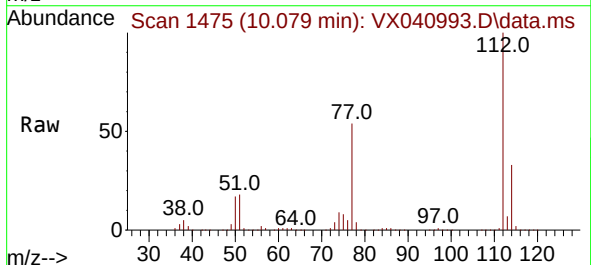
Tgt Ion: 78 Resp: 2781067

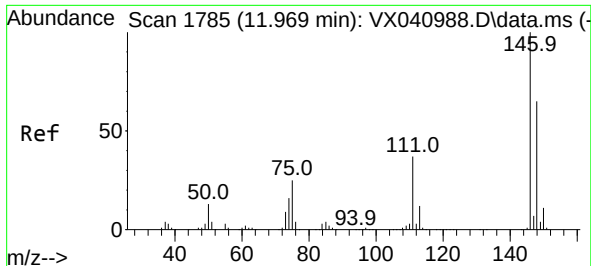


#51
Chlorobenzene
Concen: 299.309 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040993.D
Acq: 11 Apr 2024 22:25

Tgt Ion:112 Resp: 1591007

Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.0	42.8
77	53.9	43.4	65.0





#64

1,3-Dichlorobenzene

Concen: 4.117 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040993.D

Acq: 11 Apr 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

MC0R47DL

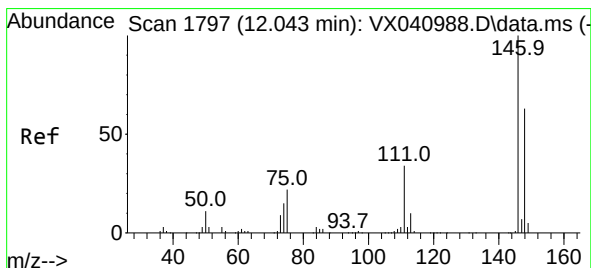
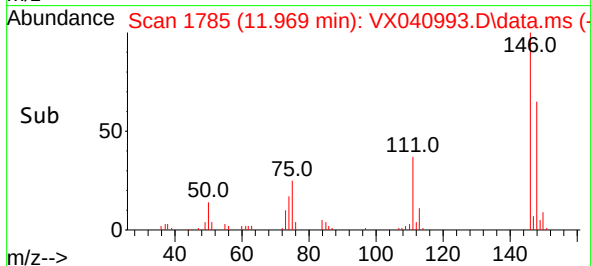
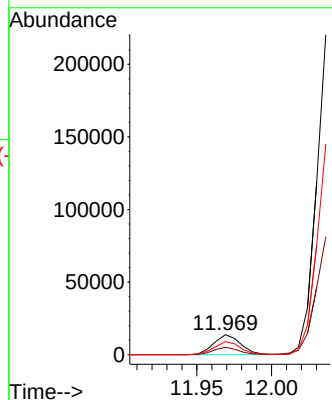
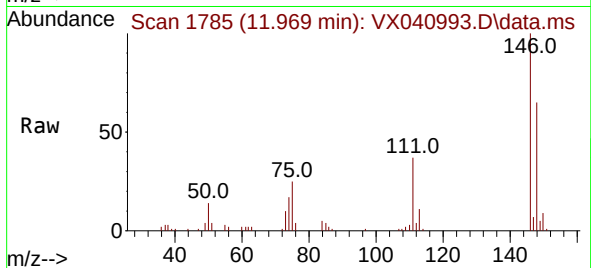
Tgt Ion:146 Resp: 17308

Ion Ratio Lower Upper

146 100

111 37.3 25.3 47.1

148 64.9 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 68.920 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040993.D

Acq: 11 Apr 2024 22:25

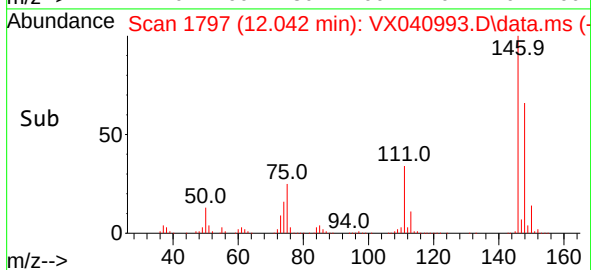
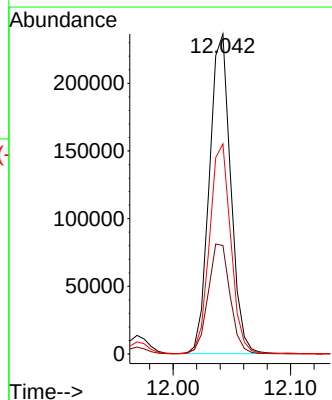
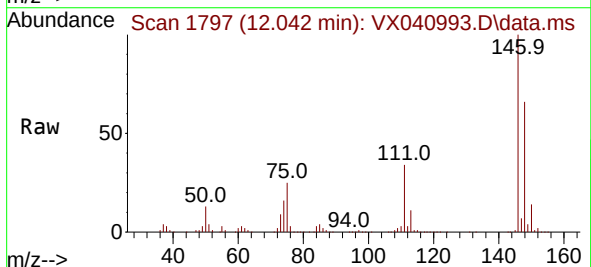
Tgt Ion:146 Resp: 297408

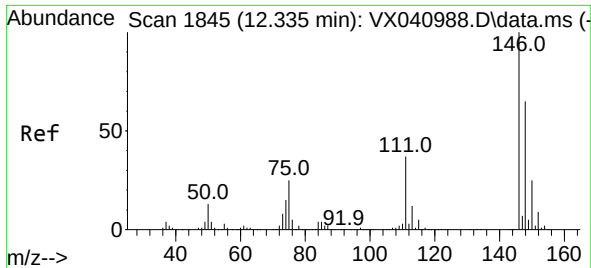
Ion Ratio Lower Upper

146 100

111 33.9 23.4 43.6

148 65.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 41.656 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040993.D

Acq: 11 Apr 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

MC0R47DL

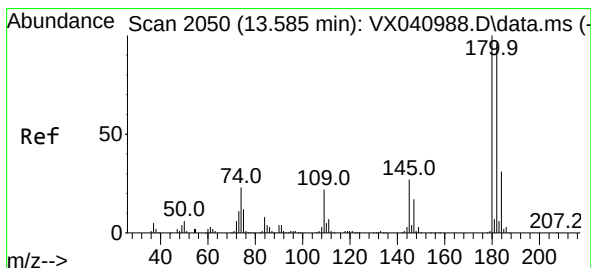
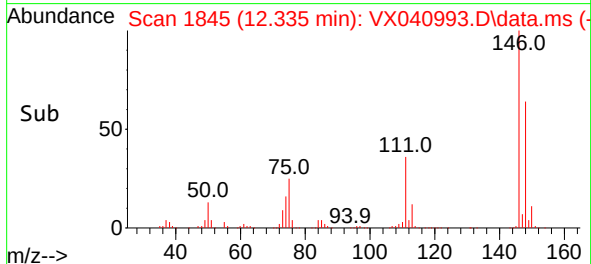
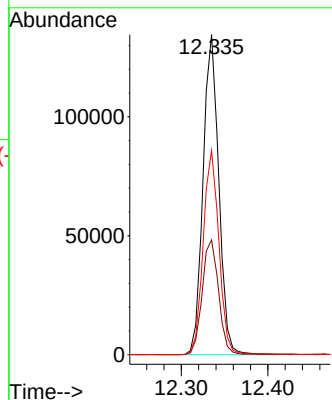
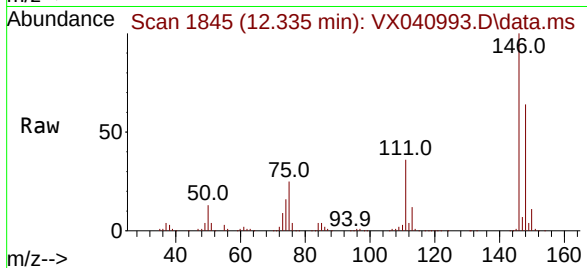
Tgt Ion:146 Resp: 169862

Ion Ratio Lower Upper

146 100

111 35.9 31.8 47.8

148 63.8 53.2 79.8



#70

1,2,4-trichlorobenzene

Concen: 1.454 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040993.D

Acq: 11 Apr 2024 22:25

Tgt Ion:180 Resp: 4435

Ion Ratio Lower Upper

180 100

182 100.9 76.8 115.2

145 25.8 22.3 33.5

