

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
 Data File : VX042779.D
 Acq On : 31 Jul 2024 17:34
 Operator : JC/MD
 Sample : P3398-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 01 02:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 01:44:51 2024
 Response via : Initial Calibration

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

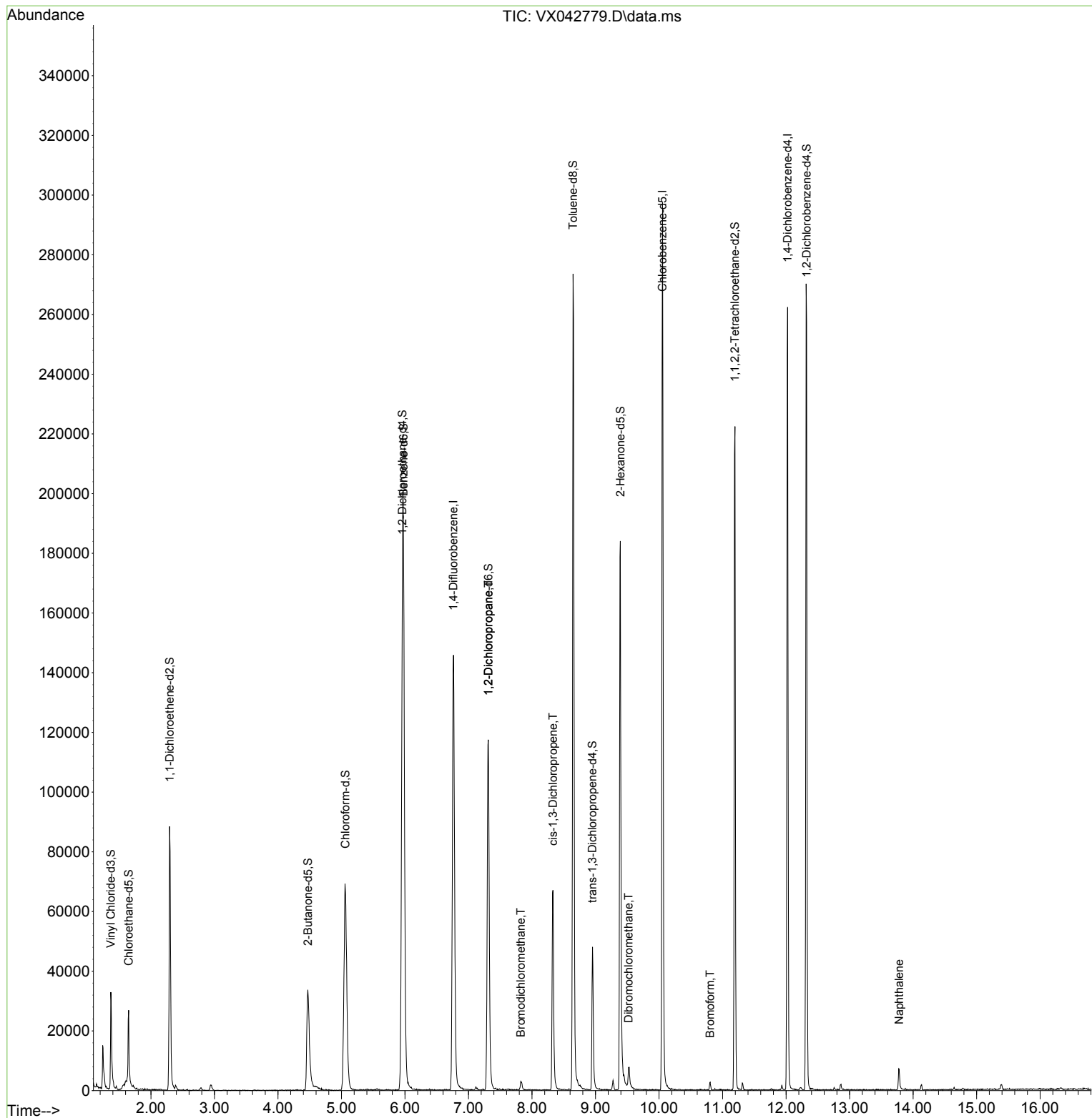
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	145729	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	131671	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25424	28.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.440%	#	
7) Chloroethane-d5	1.648	69	13604	37.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.580%		
11) 1,1-Dichloroethene-d2	2.294	65	14925	34.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.420%		
21) 2-Butanone-d5	4.471	46	58016	88.414	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.410%		
24) Chloroform-d	5.062	84	86644	44.711	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.420%		
26) 1,2-Dichloroethane-d4	5.958	65	68304	54.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.260%		
32) Benzene-d6	5.976	84	192699	52.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.460%		
36) 1,2-Dichloropropane-d6	7.312	67	60359	55.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.620%		
41) Toluene-d8	8.647	98	164445	50.190	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.380%		
43) trans-1,3-Dichloroprop...	8.952	79	23875	47.172	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.340%		
47) 2-Hexanone-d5	9.390	63	54452	112.608	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.610%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	86614	55.621	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.240%		
66) 1,2-Dichlorobenzene-d4	12.323	152	51904	53.036	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.080%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.312	63	6853	6.544	ug/L #	86
38) Bromodichloromethane	7.824	83	2282	1.686	ug/L #	77
39) cis-1,3-Dichloropropene	8.330	75	1975	1.229	ug/L	91
49) Dibromochloromethane	9.519	129	2925	2.961	ug/L	76
59) Bromoform	10.805	173	834	1.435	ug/L #	94
71) Naphthalene	13.780	128	5878	1.665	ug/L	98

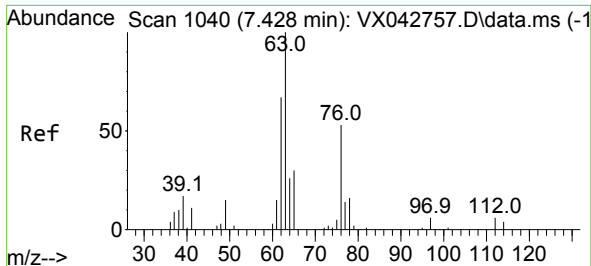
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 01 01:44:51 2024
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 6.544 ug/L

RT: 7.312 min Scan# 1105

Delta R.T. -0.116 min

Lab File: VX042779.D

Acq: 31 Jul 2024 17:34

Instrument :

MSVOA_X

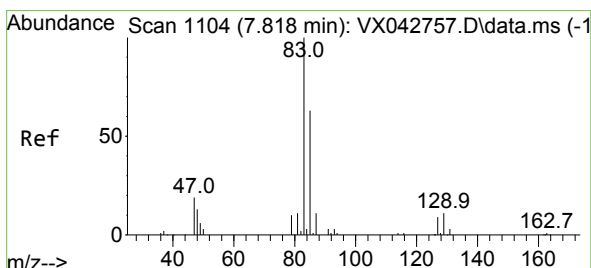
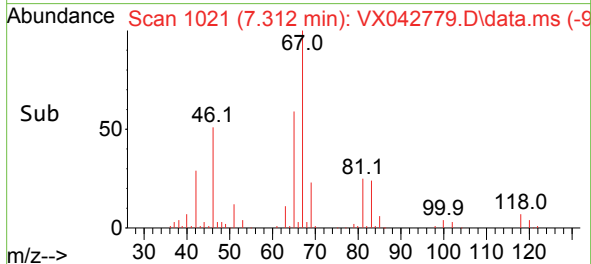
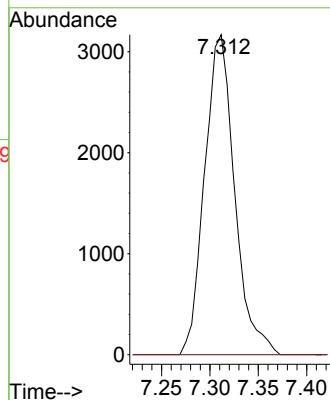
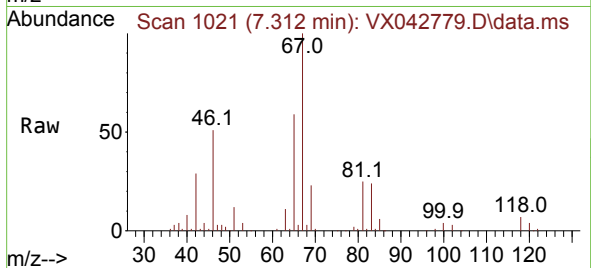
ClientSampleId :

Tgt Ion: 63 Resp: 6853

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#38

Bromodichloromethane

Concen: 1.686 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042779.D

Acq: 31 Jul 2024 17:34

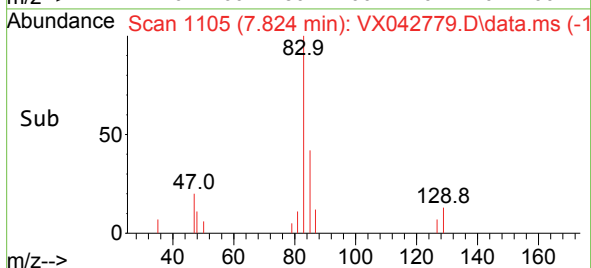
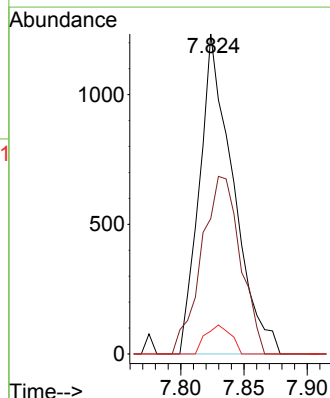
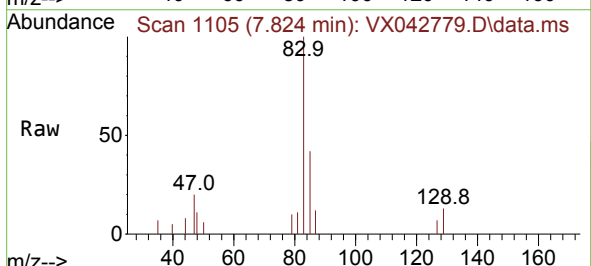
Tgt Ion: 83 Resp: 2282

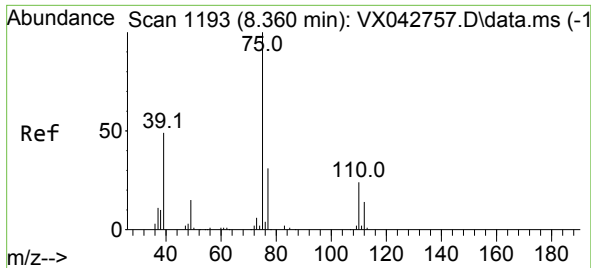
Ion Ratio Lower Upper

83 100

85 42.3 43.7 81.1#

127 7.1 6.5 9.7

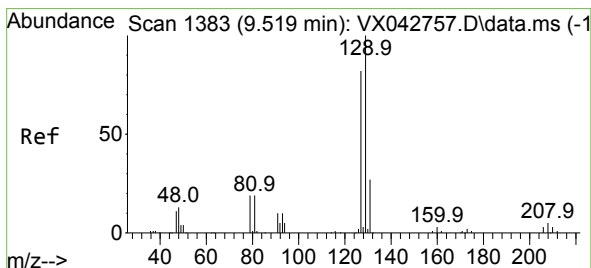
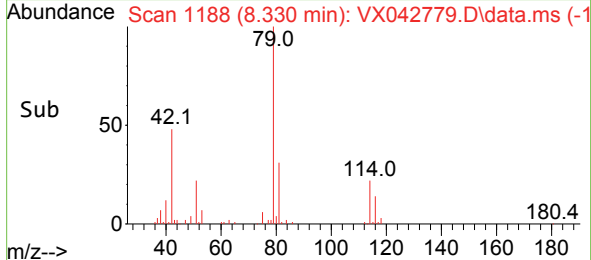
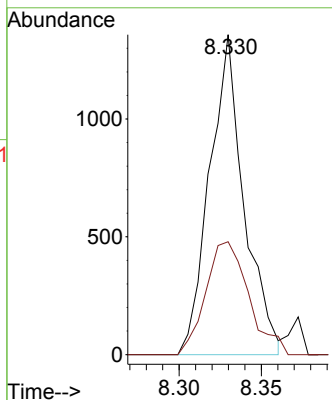
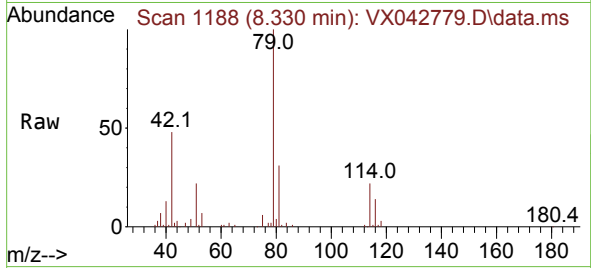




#39
 cis-1,3-Dichloropropene
 Concen: 1.229 ug/L
 RT: 8.330 min Scan# 1193
 Delta R.T. -0.031 min
 Lab File: VX042779.D
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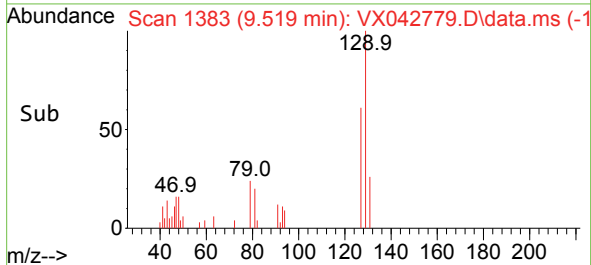
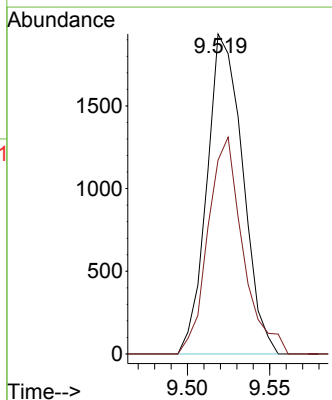
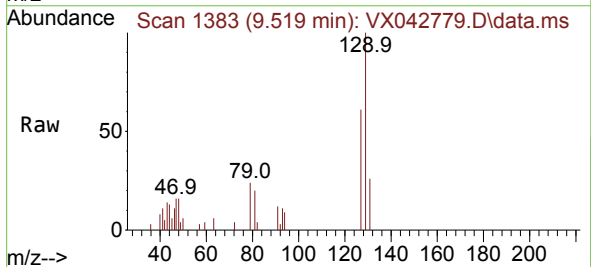
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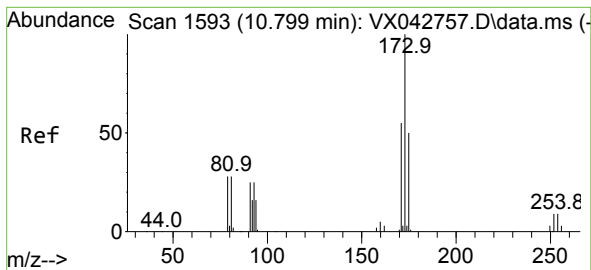
Tgt Ion: 75 Resp: 1975
 Ion Ratio Lower Upper
 75 100
 77 35.3 21.4 39.8



#49
 Dibromochloromethane
 Concen: 2.961 ug/L
 RT: 9.519 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX042779.D
 Acq: 31 Jul 2024 17:34

Tgt Ion: 129 Resp: 2925
 Ion Ratio Lower Upper
 129 100
 127 60.6 57.4 106.6





#59

Bromoform

Concen: 1.435 ug/L

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

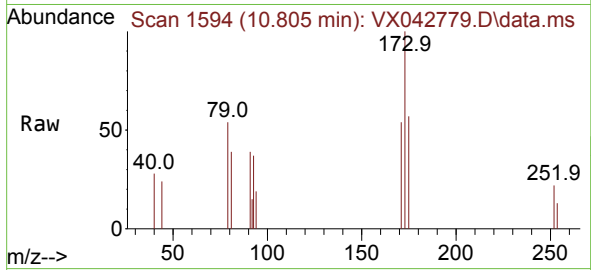
Lab File: VX042779.D

Acq: 31 Jul 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :



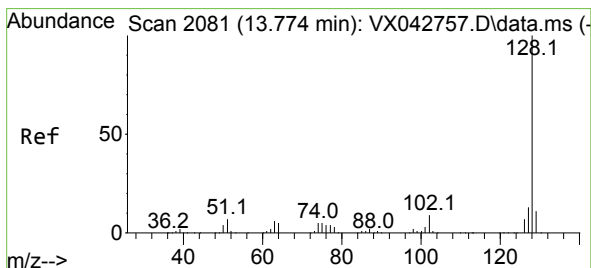
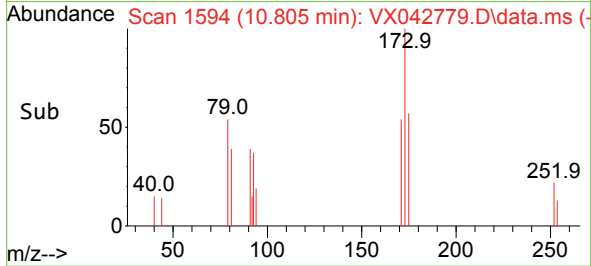
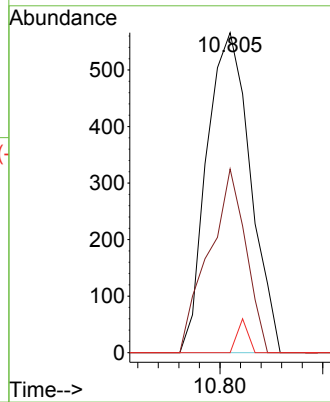
Tgt Ion:173 Resp: 834

Ion Ratio Lower Upper

173 100

175 48.8 37.4 56.2

254 0.0 6.8 10.2#



#71

Naphthalene

Concen: 1.665 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042779.D

Acq: 31 Jul 2024 17:34

Tgt Ion:128 Resp: 5878

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 12.1 8.7 13.1

