

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052254.D
 Acq On : 08 Dec 2022 17:22
 Operator : JC/MD
 Sample : N5916-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N32

Quant Time: Dec 08 22:33:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

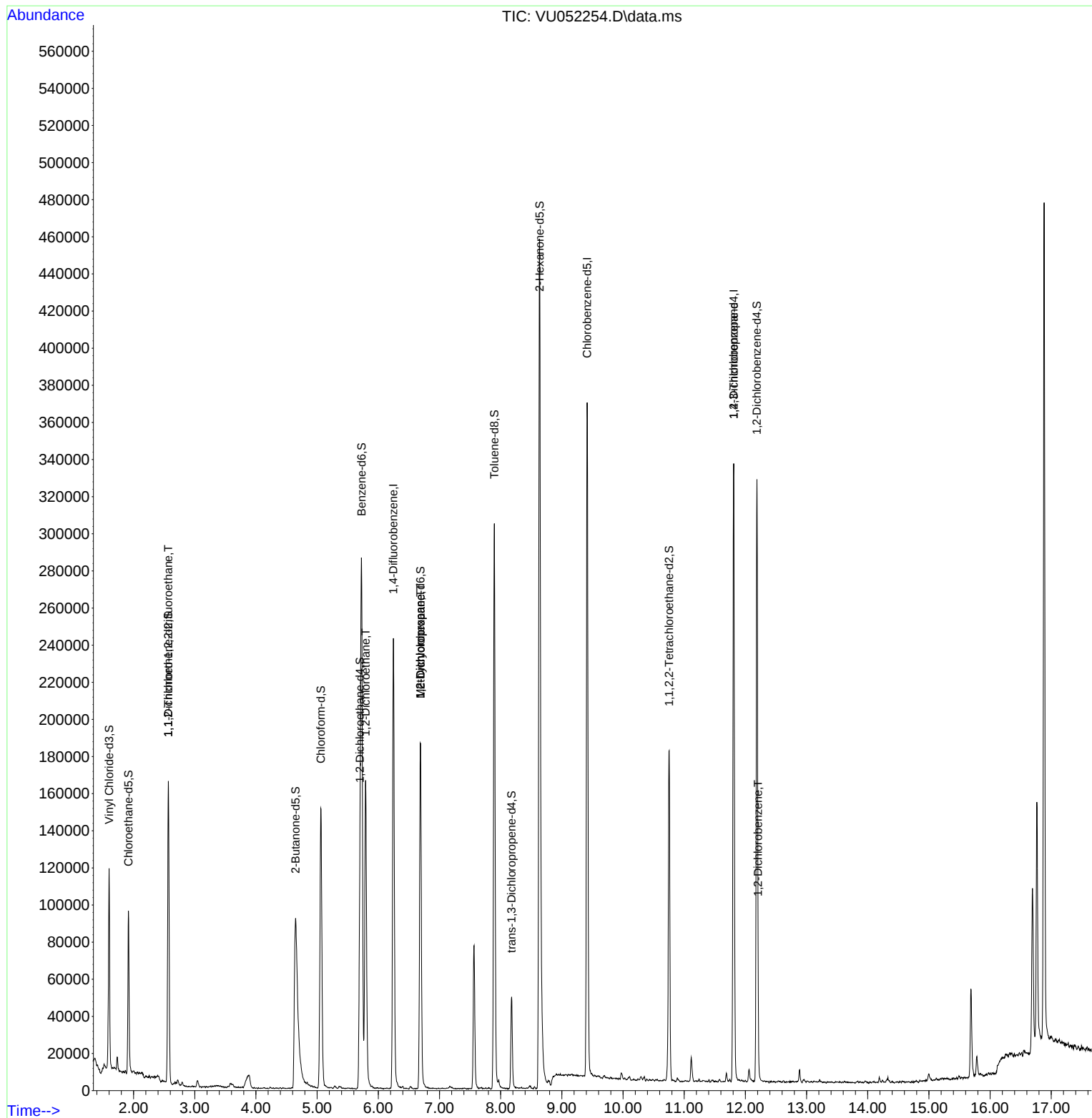
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	203674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	210649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75073	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.916	69	67873	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.568	65	30863	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.649	46	223153	62.141	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.280%
24) Chloroform-d	5.060	84	143527	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.700	65	75053	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	283067	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.687	67	96942	5.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.896	98	215805	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	28446	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.636	63	161679	54.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.180%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94180	5.613	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	89979	4.961	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1019	0.068	ug/L #	24
27) 1,2-Dichloroethane	5.793	62	141806	8.005	ug/L	98
35) Methylcyclohexane	6.687	83	21245	0.864	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9475	0.534	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	10916	1.007	ug/L #	69
67) 1,2-Dichlorobenzene	12.208	146	2726	0.093	ug/L #	85

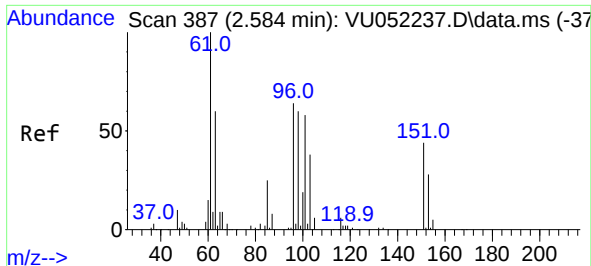
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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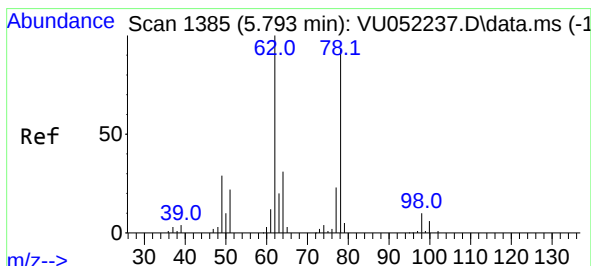
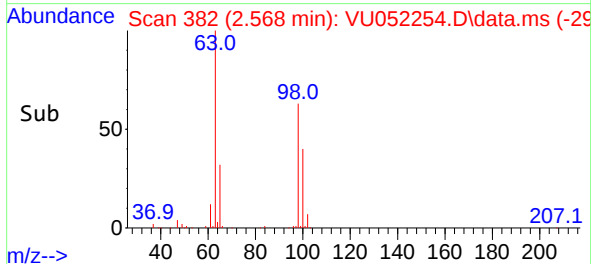
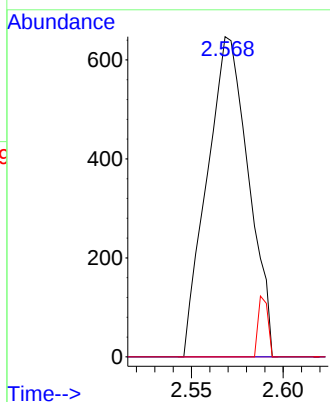
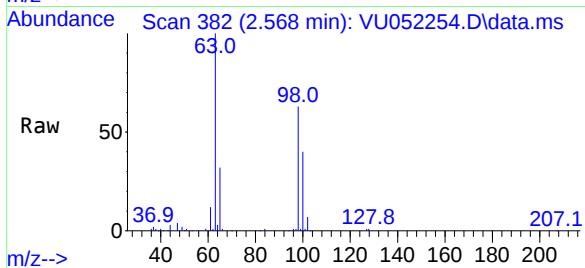




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

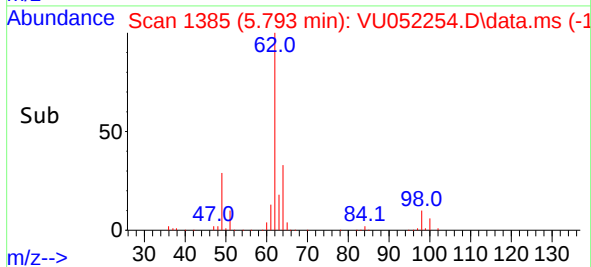
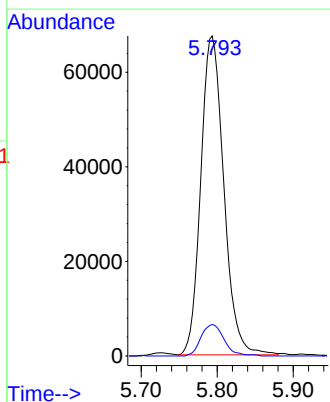
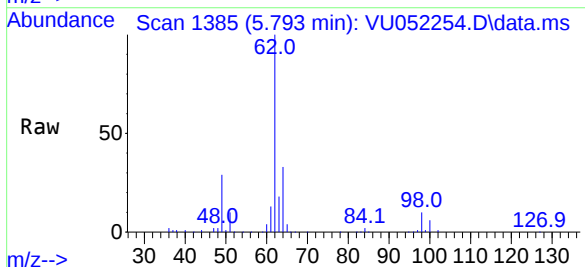
Instrument :
MSVOA_U
ClientSampleId :
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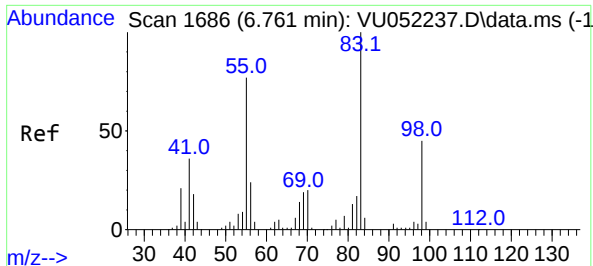
Tgt Ion:101 Resp: 1019
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 4.4 58.6 88.0#



#27
1,2-Dichloroethane
Concen: 8.005 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

Tgt Ion: 62 Resp: 141806
Ion Ratio Lower Upper
62 100
98 9.9 8.4 12.6

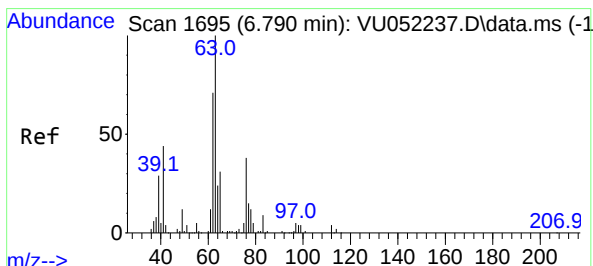
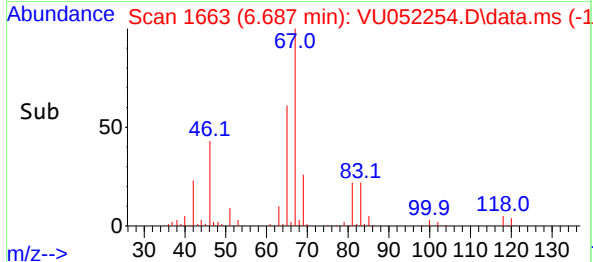
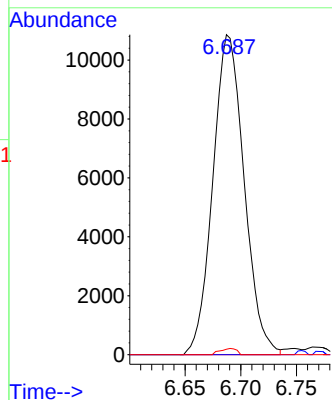
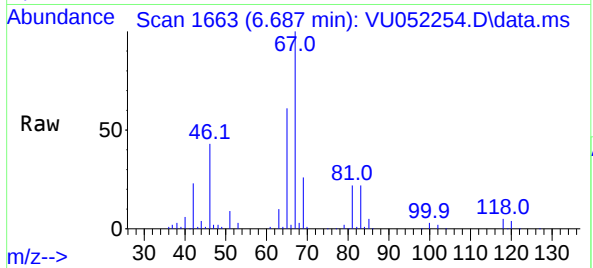




#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

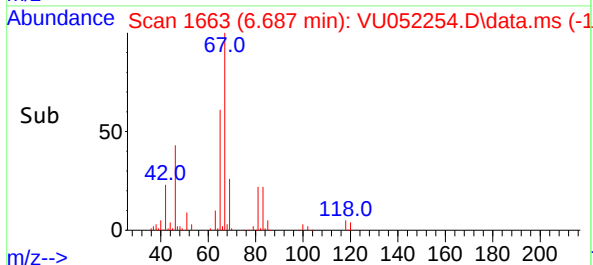
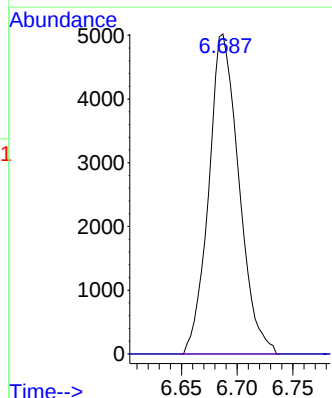
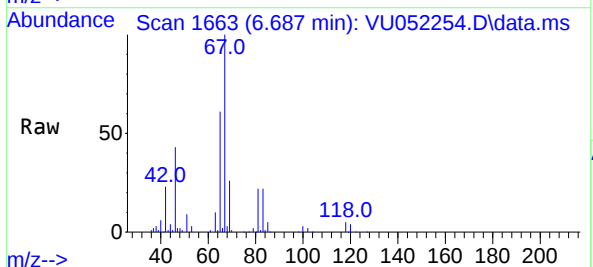
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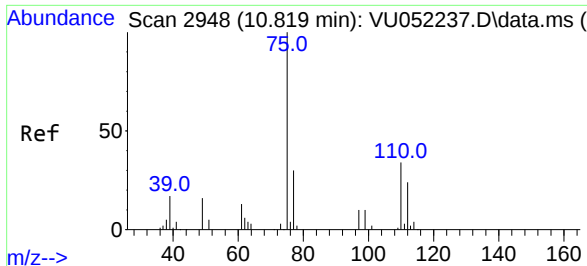
Tgt Ion: 83 Resp: 21245
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

Tgt Ion: 63 Resp: 9475
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

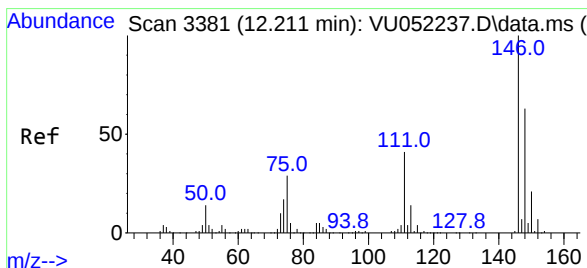
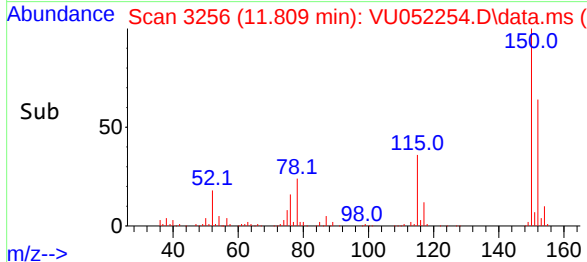
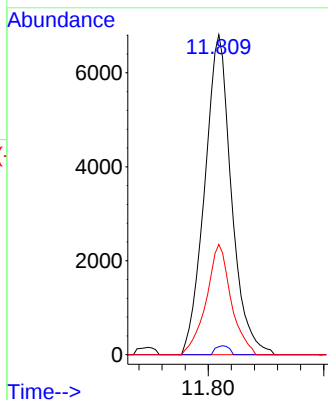
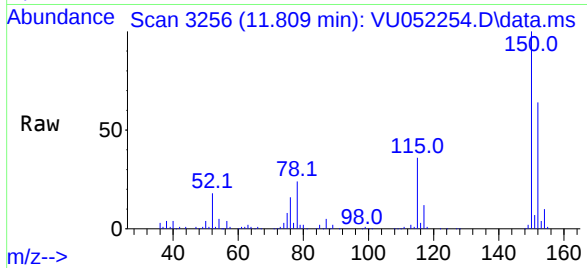




#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

Instrument :
MSVOA_U
ClientSampleId :
F5N32

Tgt Ion: 75 Resp: 10916
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 32.0 26.2 39.2



#67
1,2-Dichlorobenzene
Concen: 0.093 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052254.D
Acq: 08 Dec 2022 17:22

Tgt Ion: 146 Resp: 2726
Ion Ratio Lower Upper
146 100
111 59.2 32.7 49.1#
148 67.9 50.6 75.8

