

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032233.D
 Acq On : 04 Oct 2023 16:39
 Operator : SY/MD
 Sample : 04741-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ3

Quant Time: Oct 05 01:42:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

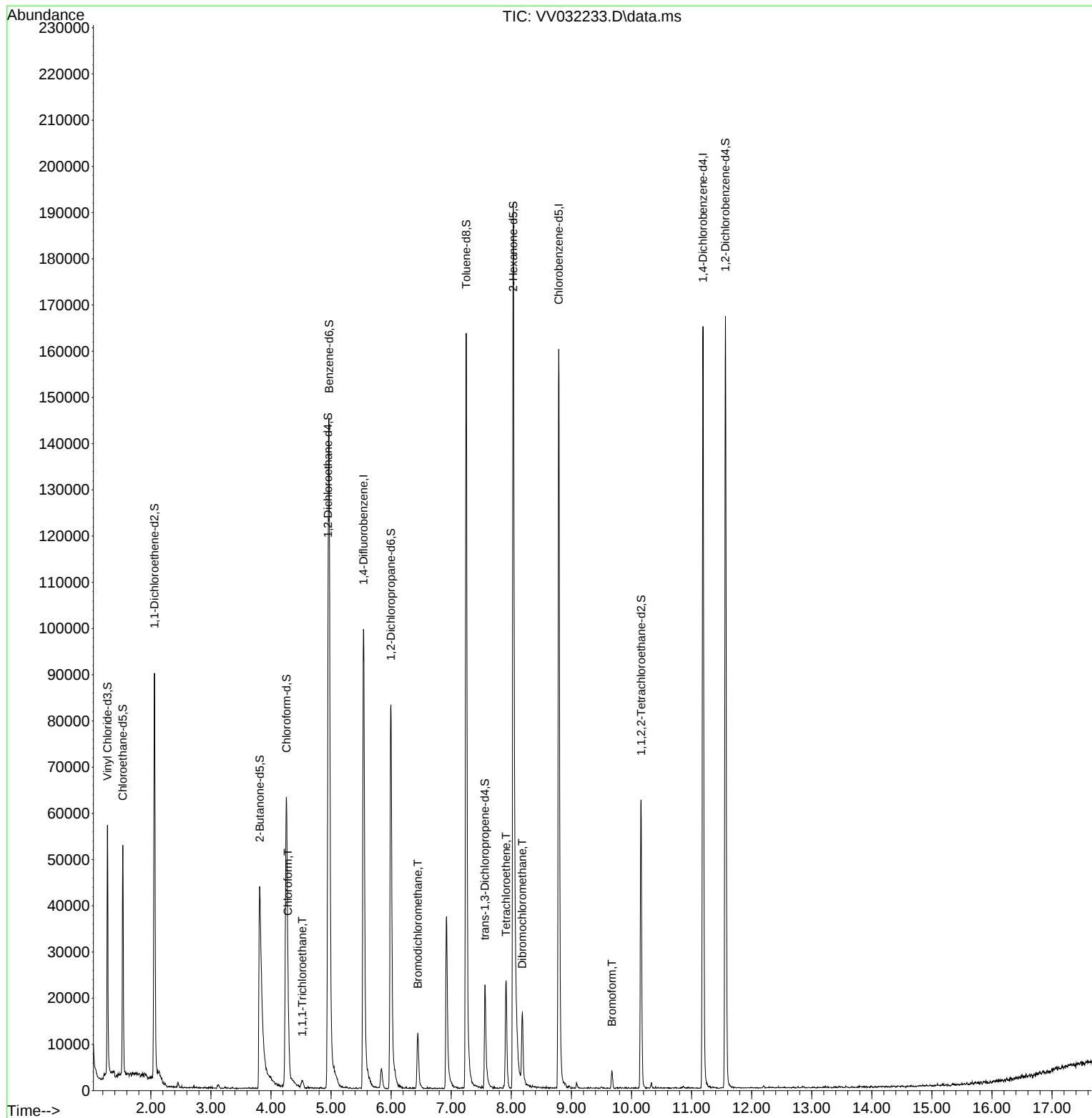
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	43861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35308	4.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	31898	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.060	65	14922	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.812	46	98735	51.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	4.256	84	66728	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.950	65	33704	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.966	84	133178	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.995	67	45407	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.249	98	114746	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	15161	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.030	63	72330	49.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31560	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43622	5.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
25) Chloroform	4.281	83	6860	0.474	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	1556	0.127	ug/L #	83
38) Bromodichloromethane	6.442	83	9405	0.933	ug/L	99
47) Tetrachloroethene	7.911	164	5875	0.894	ug/L	96
49) Dibromochloromethane	8.182	129	8807	1.413	ug/L	91
59) Bromoform	9.673	173	1792	0.562	ug/L #	96

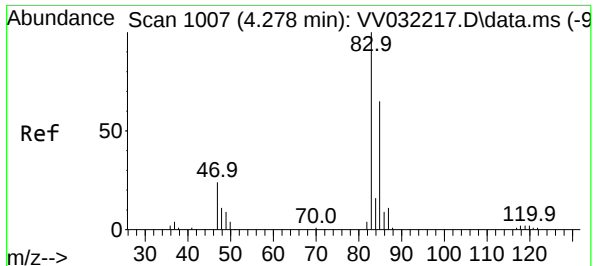
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.474 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

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MSVOA_V

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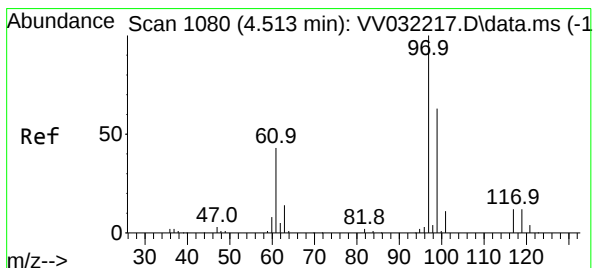
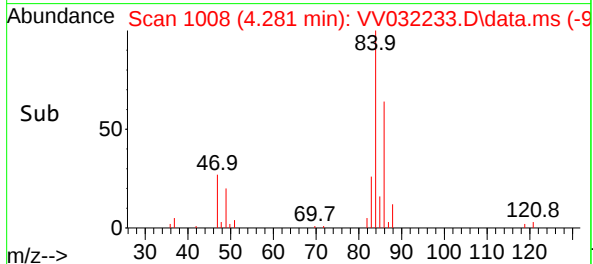
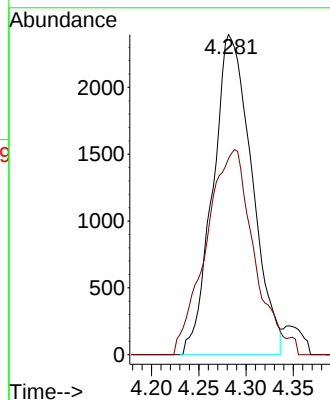
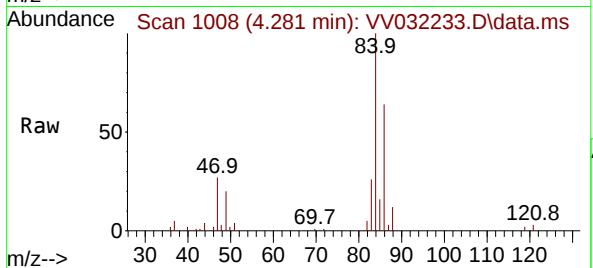
C0AZ3

Tgt Ion: 83 Resp: 6860

Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.4



#29

1,1,1-Trichloroethane

Concen: 0.127 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

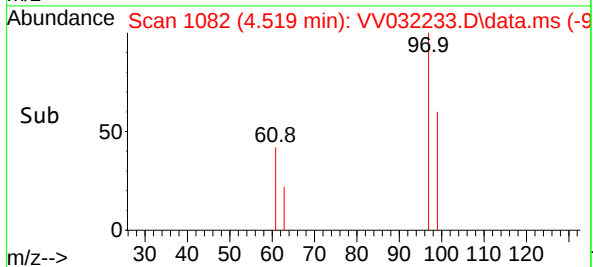
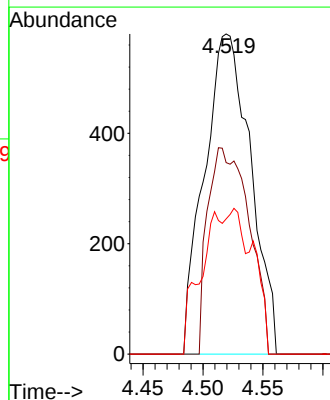
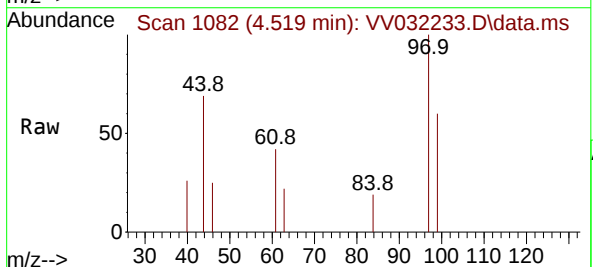
Tgt Ion: 97 Resp: 1556

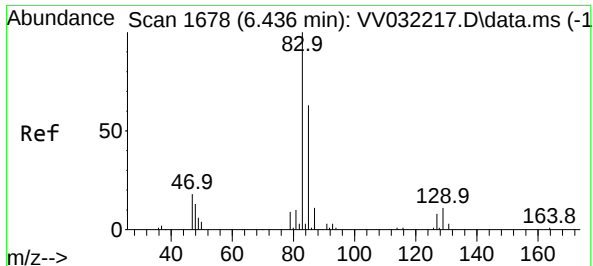
Ion Ratio Lower Upper

97 100

99 57.9 50.1 75.1

61 22.3 35.1 52.7#

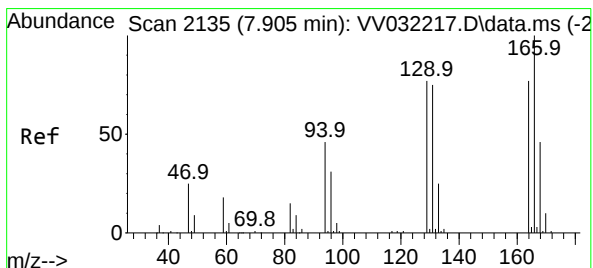
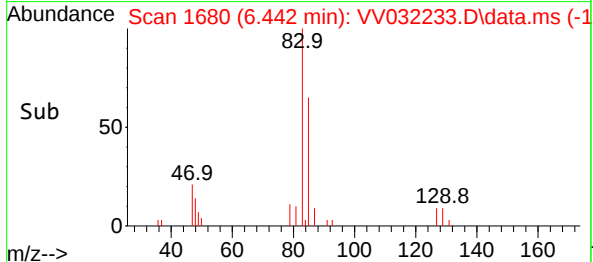
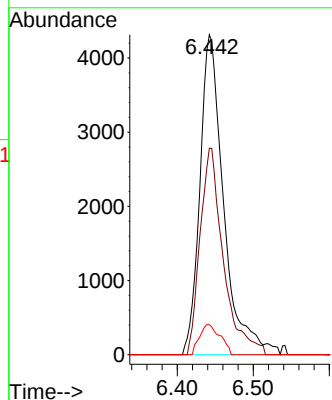
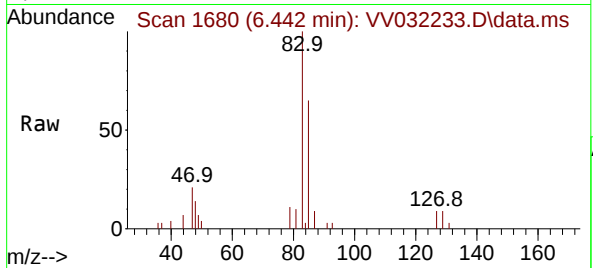




#38
Bromodichloromethane
Concen: 0.933 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032233.D
Acq: 04 Oct 2023 16:39

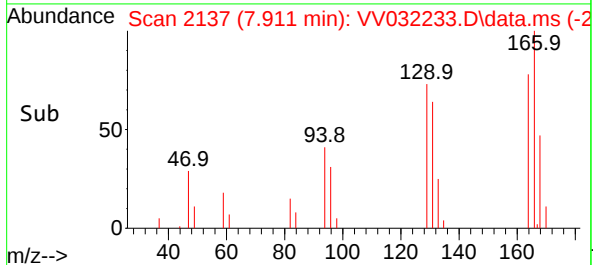
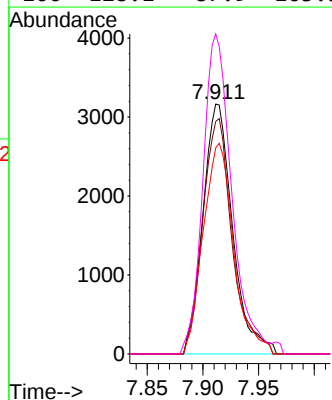
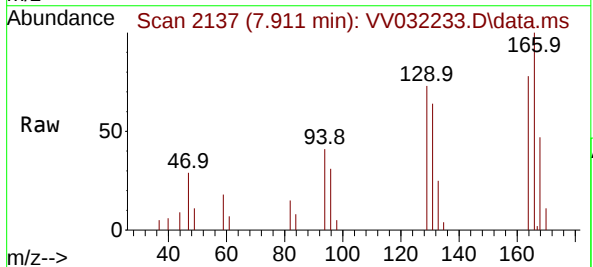
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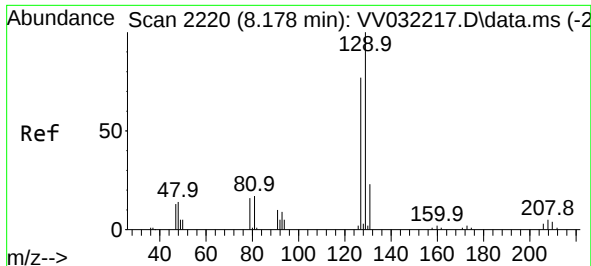
Tgt Ion:	83	Resp:	9405
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.9	83.3
127	9.4	6.9	10.3



#47
Tetrachloroethene
Concen: 0.894 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032233.D
Acq: 04 Oct 2023 16:39

Tgt Ion:	164	Resp:	5875
Ion	Ratio	Lower	Upper
164	100		
129	93.0	66.4	123.4
131	82.5	63.7	118.3
166	128.1	87.9	163.3





#49

Dibromochloromethane

Concen: 1.413 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :

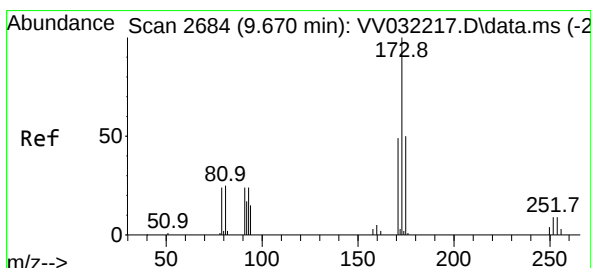
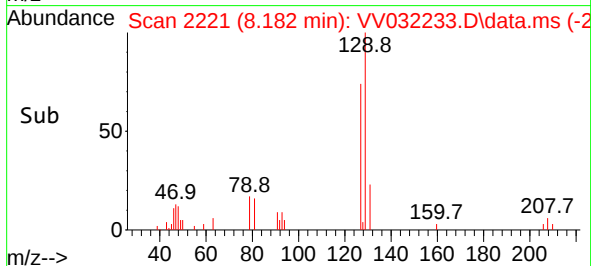
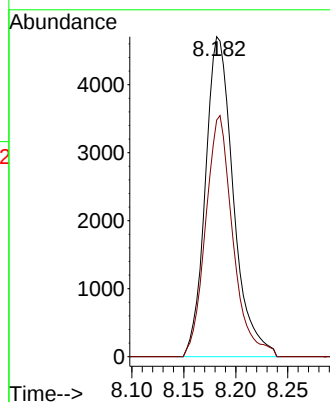
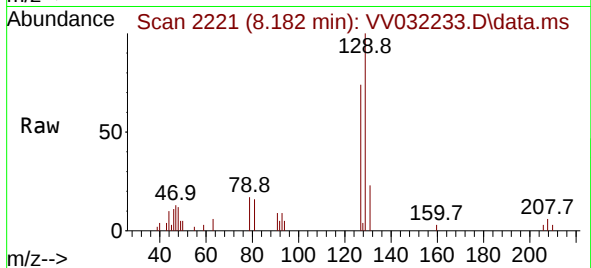
C0AZ3

Tgt Ion:129 Resp: 8807

Ion Ratio Lower Upper

129 100

127 74.0 57.2 106.2



#59

Bromoform

Concen: 0.562 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Tgt Ion:173 Resp: 1792

Ion Ratio Lower Upper

173 100

175 45.8 38.2 57.2

254 3.9 7.0 10.4#

