

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081722\
 Data File : VW024268.D
 Acq On : 17 Aug 2022 12:59
 Operator : SY/VA
 Sample : N4231-01
 Misc : 6.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KQ1

Quant Time: Aug 18 01:05:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

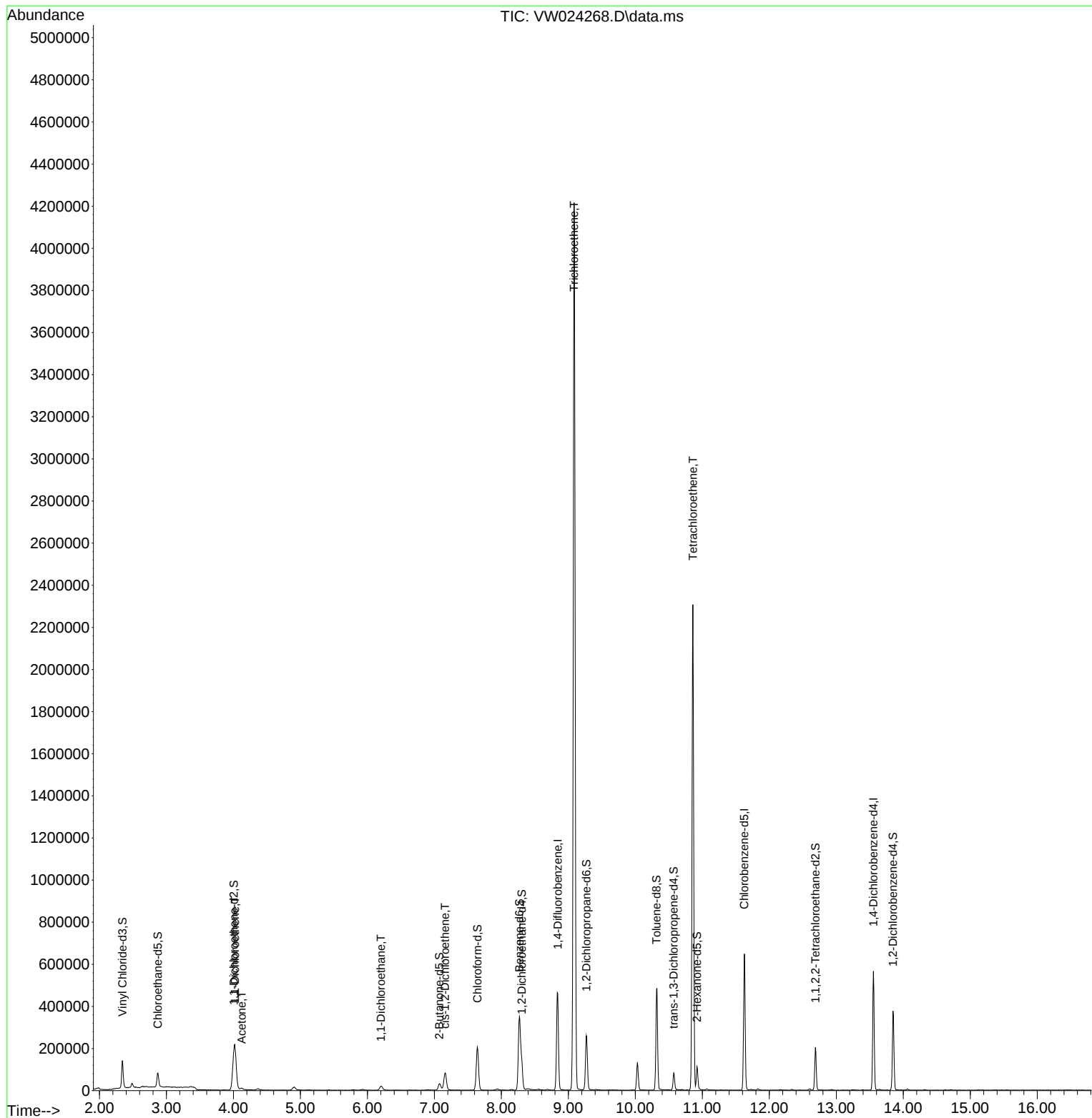
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	380249	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	112895	14.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.800%
7) Chloroethane-d5	2.873	69	74135	14.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.880%
11) 1,1-Dichloroethene-d2	4.007	63	154710	17.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.320%
21) 2-Butanone-d5	7.074	46	50977	34.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.940%
24) Chloroform-d	7.641	84	201471	17.511	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.040%
26) 1,2-Dichloroethane-d4	8.305	65	105536	16.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.080%#
32) Benzene-d6	8.268	84	357195	17.778	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.120%
36) 1,2-Dichloropropane-d6	9.268	67	115064	19.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.600%
41) Toluene-d8	10.317	98	320050	17.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.160%
43) trans-1,3-Dichloroprop...	10.573	79	42966	16.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.160%
47) 2-Hexanone-d5	10.920	63	35632	32.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	92188	16.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	92241	18.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.025	96	85730	18.754	ug/L	92
13) Acetone	4.123	43	13541	12.438	ug/L	92
19) 1,1-Dichloroethane	6.202	63	25041	2.693	ug/L	97
20) cis-1,2-Dichloroethene	7.159	96	46201	7.969	ug/L #	90
34) Trichloroethene	9.085	95	1347813	253.427	ug/L	93
46) Tetrachloroethene	10.859	164	465436	108.100	ug/L	97

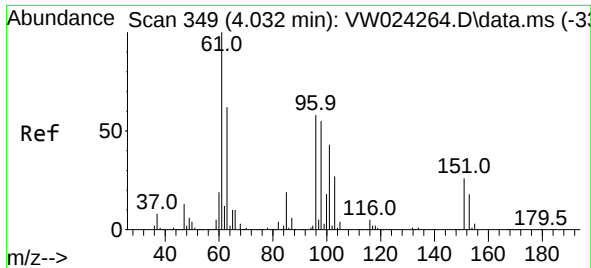
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Aug 18 01:04:13 2022
Response via : Initial Calibration

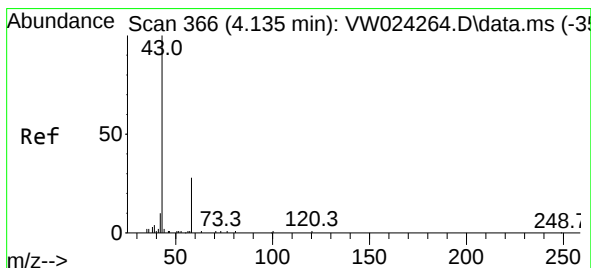
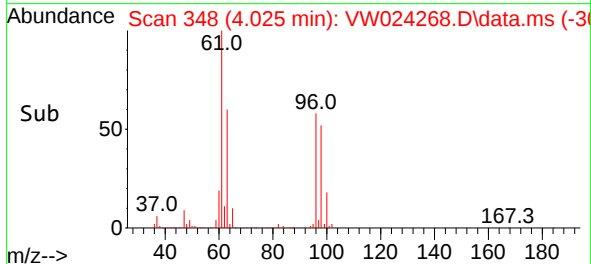
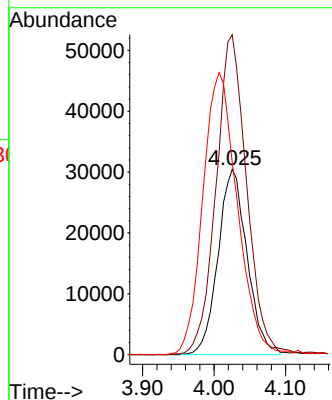
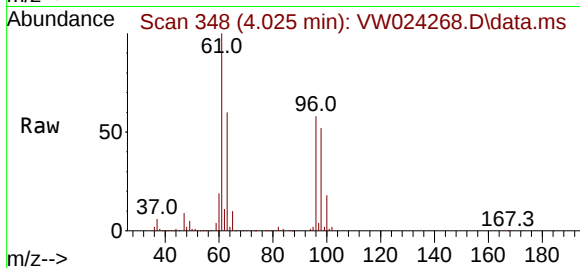




#12
1,1-Dichloroethene
Concen: 18.754 ug/L
RT: 4.025 min Scan# 34
Delta R.T. -0.006 min
Lab File: VW024268.D
Acq: 17 Aug 2022 12:59

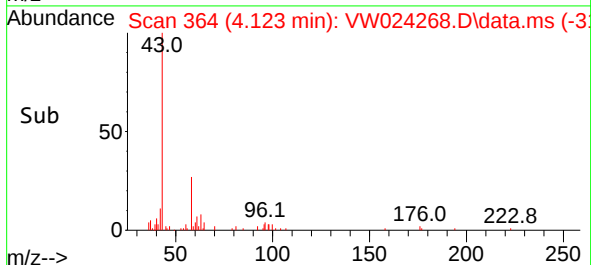
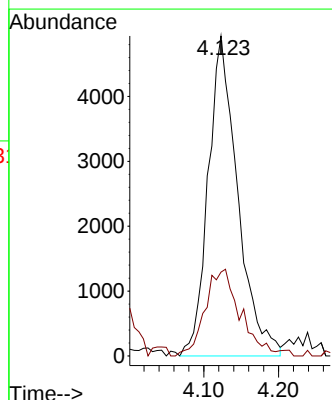
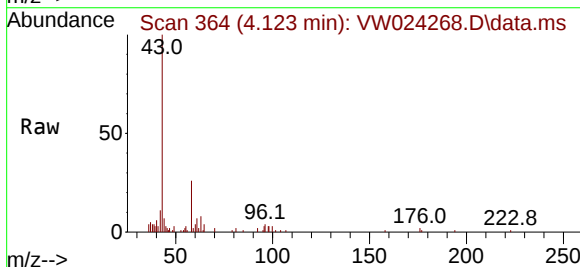
Instrument :
MSVOA_W
ClientSampleId :
C0KQ1

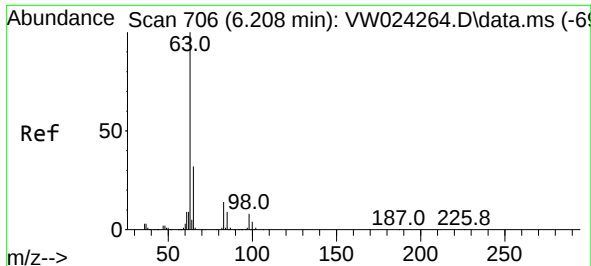
Tgt Ion: 96 Resp: 85730
Ion Ratio Lower Upper
96 100
61 172.7 123.1 228.5
63 103.9 84.9 157.7



#13
Acetone
Concen: 12.438 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW024268.D
Acq: 17 Aug 2022 12:59

Tgt Ion: 43 Resp: 13541
Ion Ratio Lower Upper
43 100
58 12.6 0.0 31.8





#19

1,1-Dichloroethane

Concen: 2.693 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024268.D

Acq: 17 Aug 2022 12:59

Instrument :

MSVOA_W

ClientSampleId :

C0KQ1

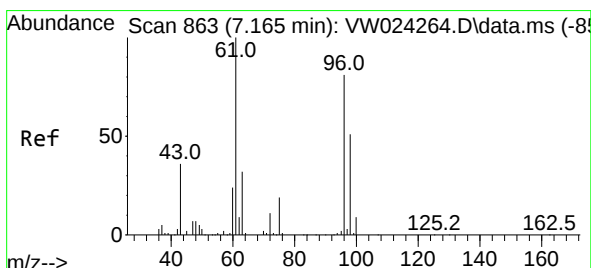
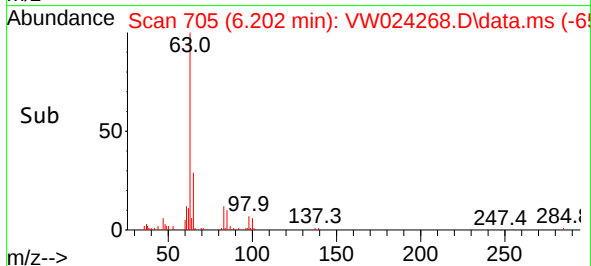
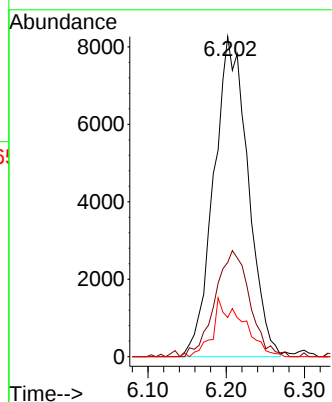
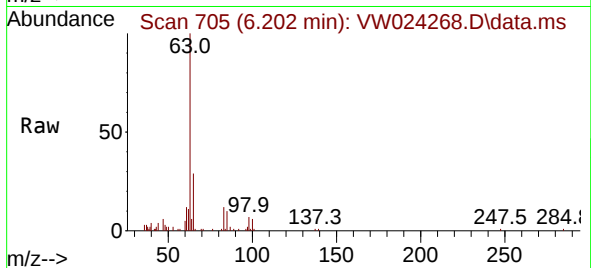
Tgt Ion: 63 Resp: 25041

Ion Ratio Lower Upper

63 100

65 29.5 22.0 41.0

83 12.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 7.969 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024268.D

Acq: 17 Aug 2022 12:59

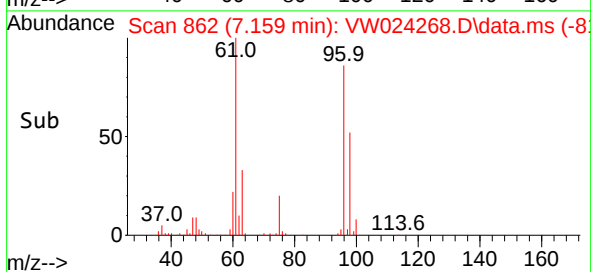
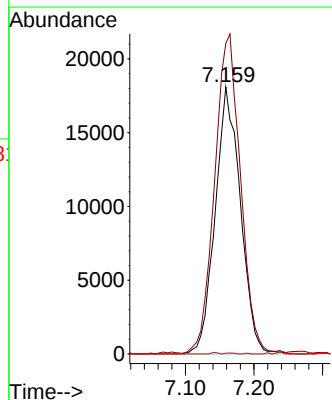
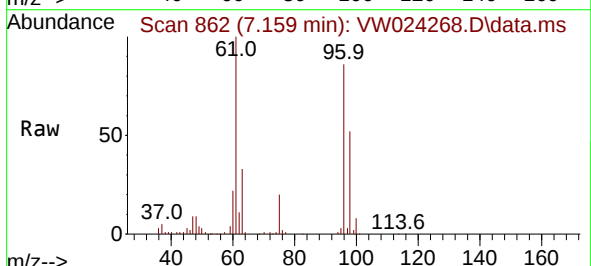
Tgt Ion: 96 Resp: 46201

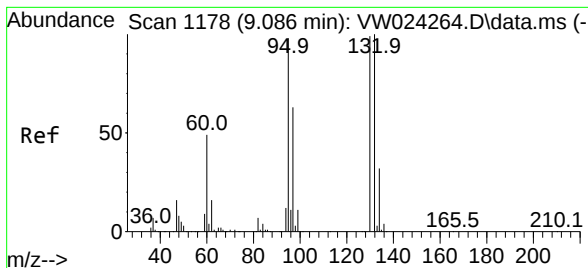
Ion Ratio Lower Upper

96 100

61 116.3 89.5 166.3

68 0.3 0.1 0.1#





#34

Trichloroethene

Concen: 253.427 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VW024268.D

Acq: 17 Aug 2022 12:59

Instrument :

MSVOA_W

ClientSampleId :

C0KQ1

Tgt Ion: 95 Resp: 1347813

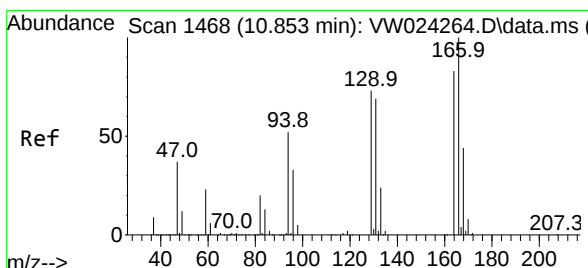
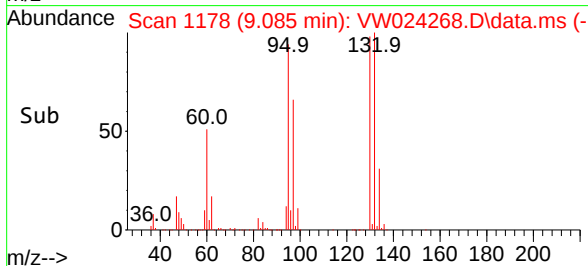
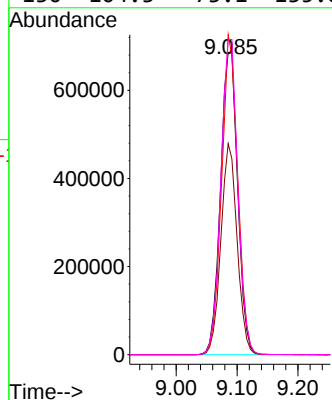
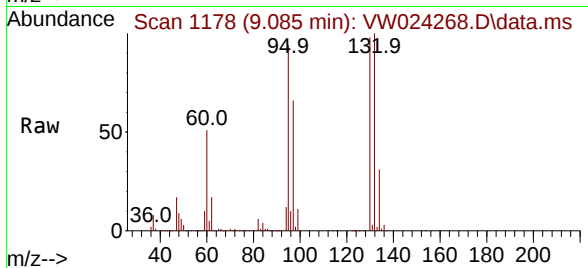
Ion Ratio Lower Upper

95 100

97 69.8 41.6 77.2

132 105.9 67.0 124.4

130 104.3 73.1 135.8



#46

Tetrachloroethene

Concen: 108.100 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW024268.D

Acq: 17 Aug 2022 12:59

Tgt Ion: 164 Resp: 465436

Ion Ratio Lower Upper

164 100

129 97.5 63.1 117.3

131 91.9 63.9 118.7

166 125.9 86.8 161.2

