

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018191.D
 Acq On : 17 Feb 2021 17:00
 Operator : SY/VA
 Sample : M1371-16RE
 Misc : 3.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:18:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

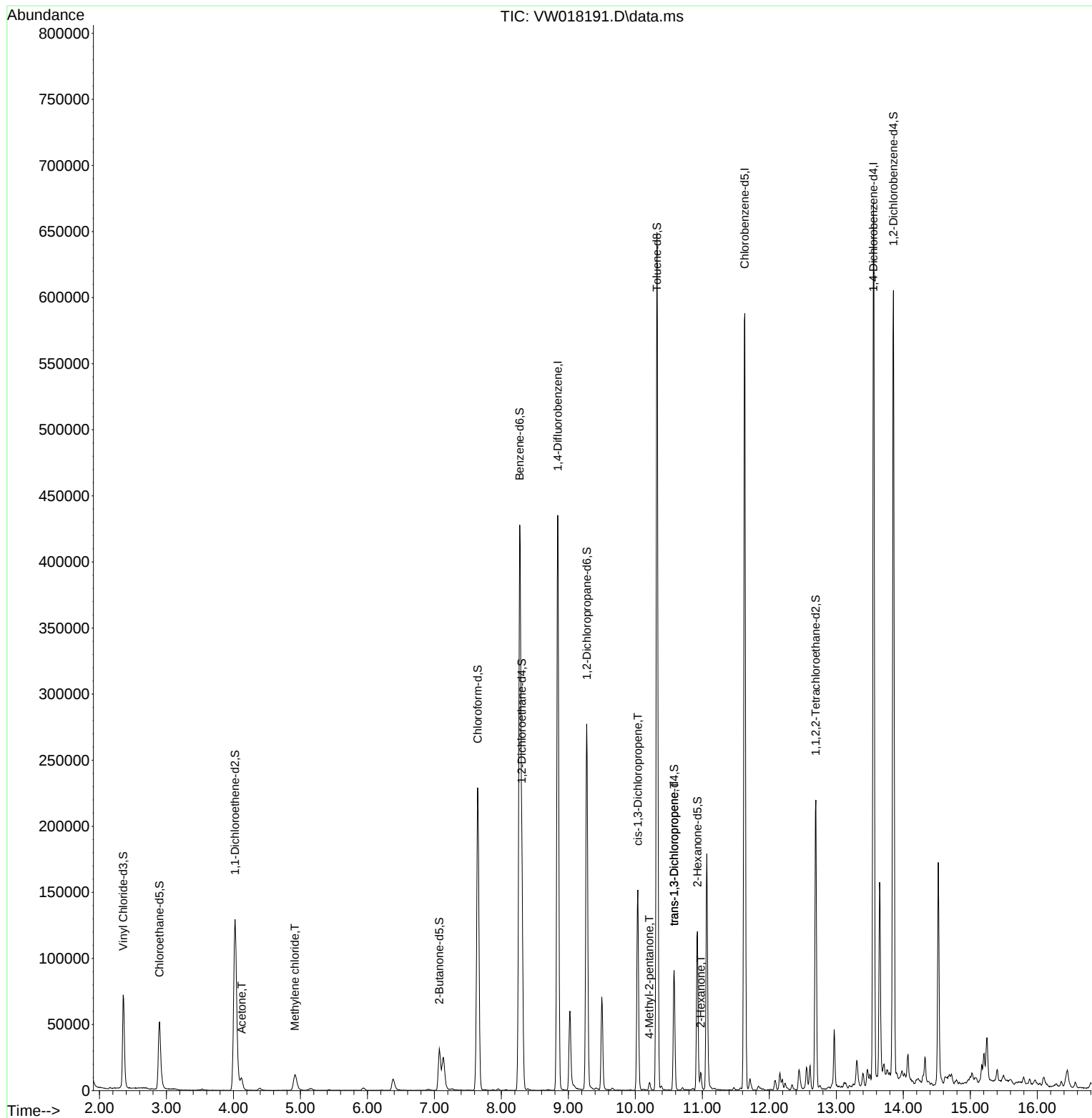
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	392297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	361353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	192821	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87026	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.40%		
7) Chloroethane-d5	2.897	69	74912	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.44%		
10) 1,1-Dichloroethene-d2	4.025	63	142917	14.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.64%		
20) 2-Butanone-d5	7.073	46	50735	38.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.98%		
24) Chloroform-d	7.646	84	235512	22.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.52%		
26) 1,2-Dichloroethane-d4	8.305	65	118305	21.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.28%		
29) Benzene-d6	8.274	84	461450	23.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.04%		
33) 1,2-Dichloropropane-d6	9.274	67	130967	23.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.40%		
37) Toluene-d8	10.323	98	441543	23.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.56%		
38) trans-1,3-Dichloroprop...	10.579	79	53670	21.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.36%		
39) 2-Hexanone-d5	10.926	63	44095	41.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.12%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	107687	22.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.36%		
61) 1,2-Dichlorobenzene-d4	13.852	152	174862	25.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.68%		
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	14287	14.84	ug/L	99
16) Methylene chloride	4.915	84	11836	1.88	ug/L	86
42) cis-1,3-Dichloropropene	10.036	75	3781	0.48	ug/L #	63
43) 4-Methyl-2-pentanone	10.207	43	4063	1.35	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	2582	0.38	ug/L #	81
49) 2-Hexanone	10.975	43	2547	1.22	ug/L #	1

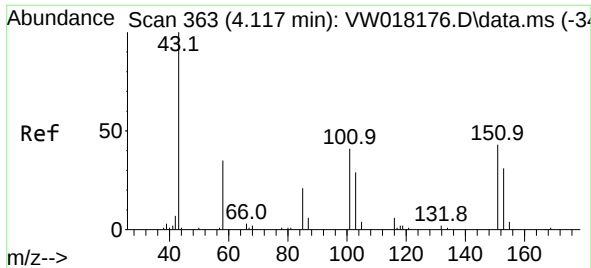
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
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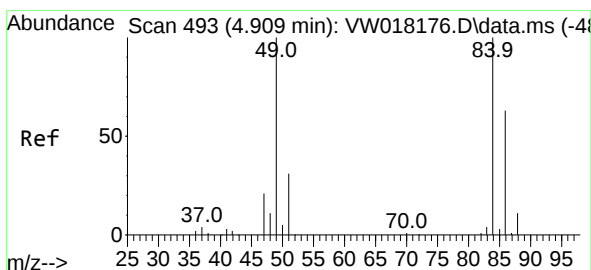
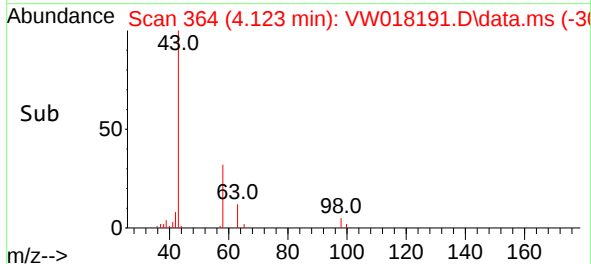
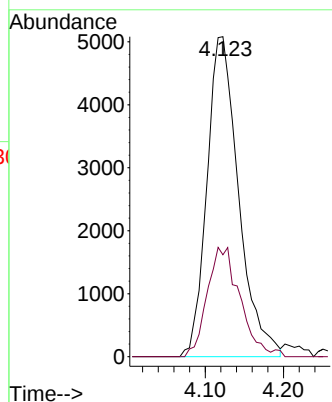
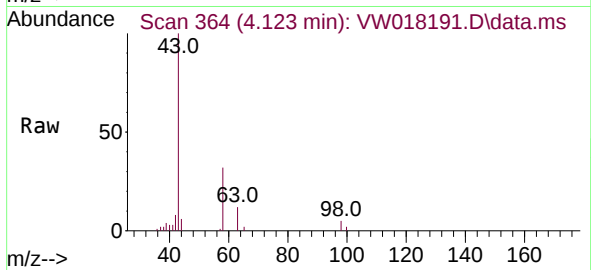




#13
Acetone
Concen: 14.84 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018191.D
Acq: 17 Feb 2021 17:00

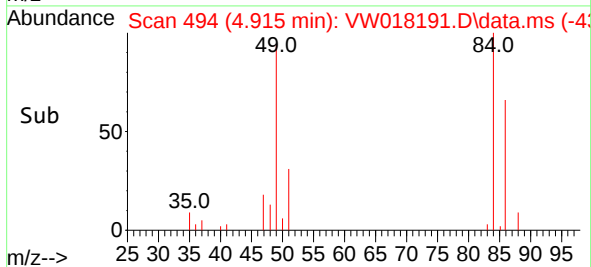
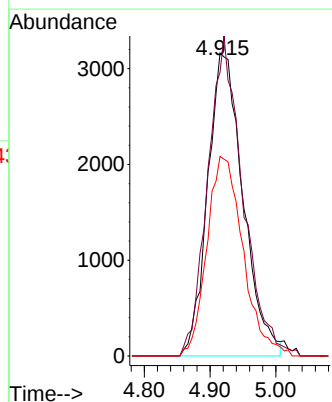
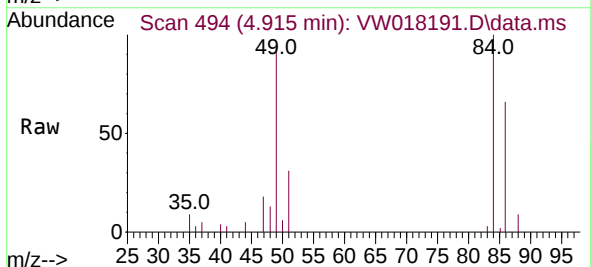
Instrument :
MSVOA_W
ClientSampled :

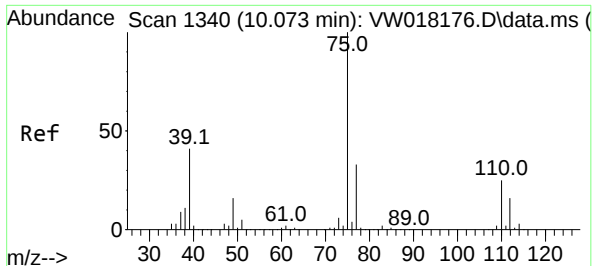
Tgt Ion: 43 Resp: 14287
Ion Ratio Lower Upper
43 100
58 35.0 0.0 68.4



#16
Methylene chloride
Concen: 1.88 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018191.D
Acq: 17 Feb 2021 17:00

Tgt Ion: 84 Resp: 11836
Ion Ratio Lower Upper
84 100
49 93.7 81.2 150.8
86 65.9 44.5 82.7

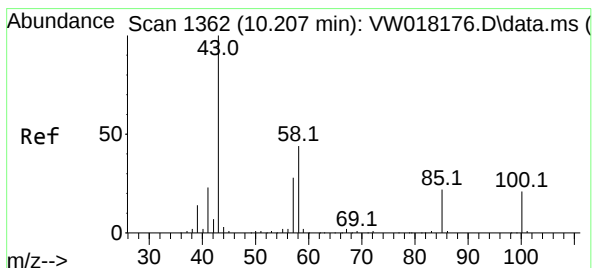
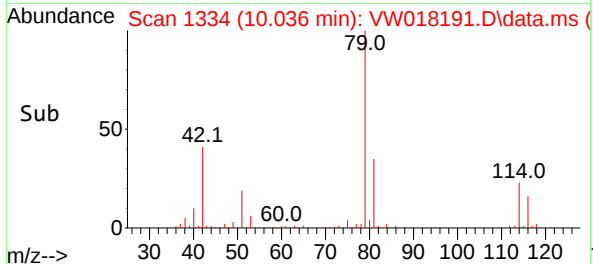
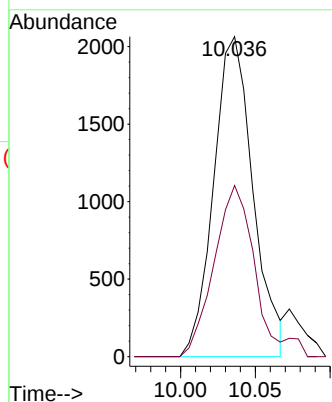
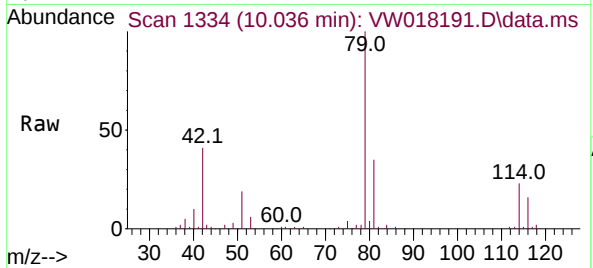




#42
 cis-1,3-Dichloropropene
 Concen: 0.48 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018191.D
 Acq: 17 Feb 2021 17:00

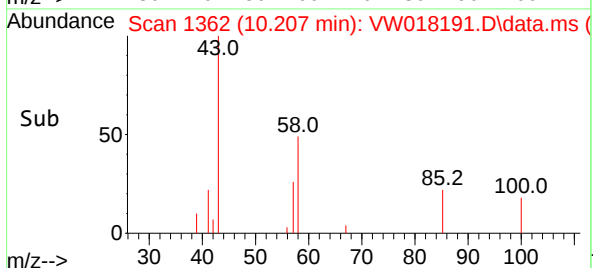
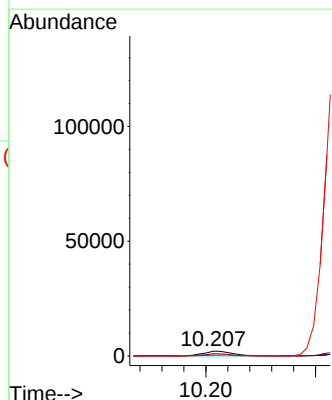
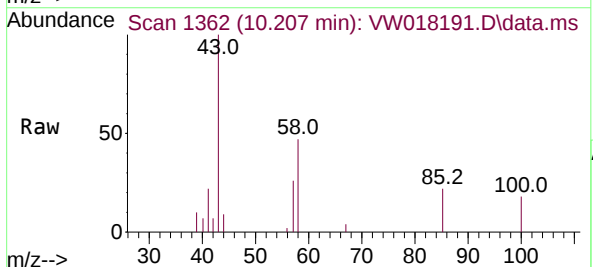
Instrument :
 MSVOA_W
 ClientSampled :

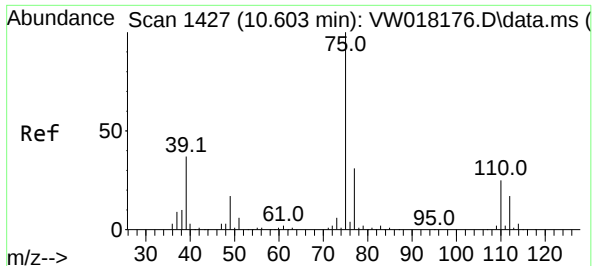
Tgt Ion: 75 Resp: 3781
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.7 42.3#



#43
 4-Methyl-2-pentanone
 Concen: 1.35 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW018191.D
 Acq: 17 Feb 2021 17:00

Tgt Ion: 43 Resp: 4063
 Ion Ratio Lower Upper
 43 100
 58 42.2 31.6 47.4
 100 17.8 14.1 21.1

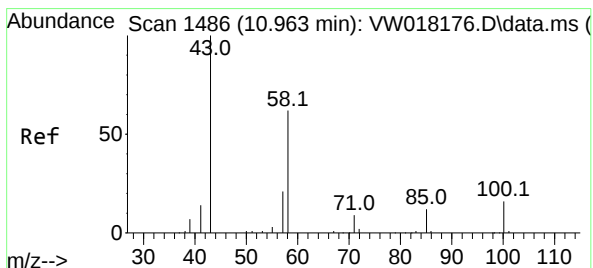
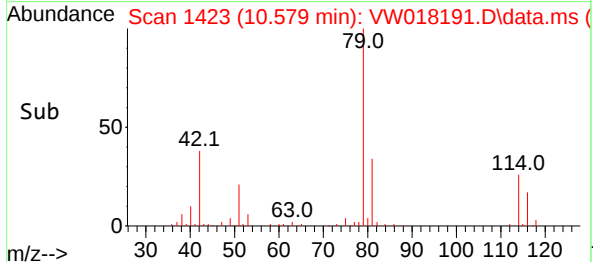
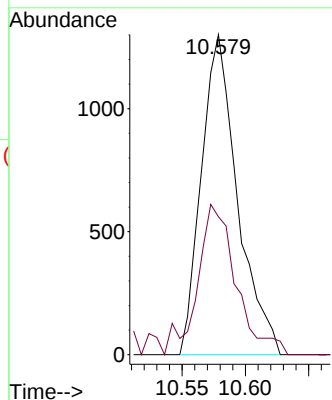
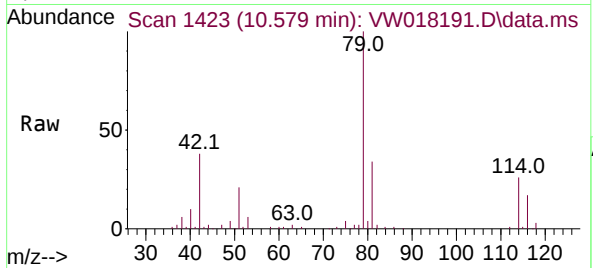




#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018191.D
Acq: 17 Feb 2021 17:00

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2582
Ion Ratio Lower Upper
75 100
77 43.1 22.6 42.0#



#49
2-Hexanone
Concen: 1.22 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VW018191.D
Acq: 17 Feb 2021 17:00

Tgt Ion: 43 Resp: 2547
Ion Ratio Lower Upper
43 100
58 31.1 51.3 76.9#
57 326.9 15.0 22.6#
100 0.0 12.2 18.2#

