

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009591.D
 Acq On : 30 Mar 2019 15:38
 Operator : SY/VA
 Sample : K2149-05
 Misc : 5.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5H4

Quant Time: Mar 30 21:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	329197	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115737	29.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.68%
7) Chloroethane-d5	2.89	69	106378	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
10) 1,1-Dichloroethene-d2	4.01	63	174508	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.08%
20) 2-Butanone-d5	7.08	46	59130	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.64	84	225166	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.30	65	135390	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	418061	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
33) 1,2-Dichloropropane-d6	9.27	67	128165	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	10.32	98	367346	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.48%
38) trans-1,3-Dichloropropene-	10.57	79	53527	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	10.92	63	40167	31.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104016	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	119113	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

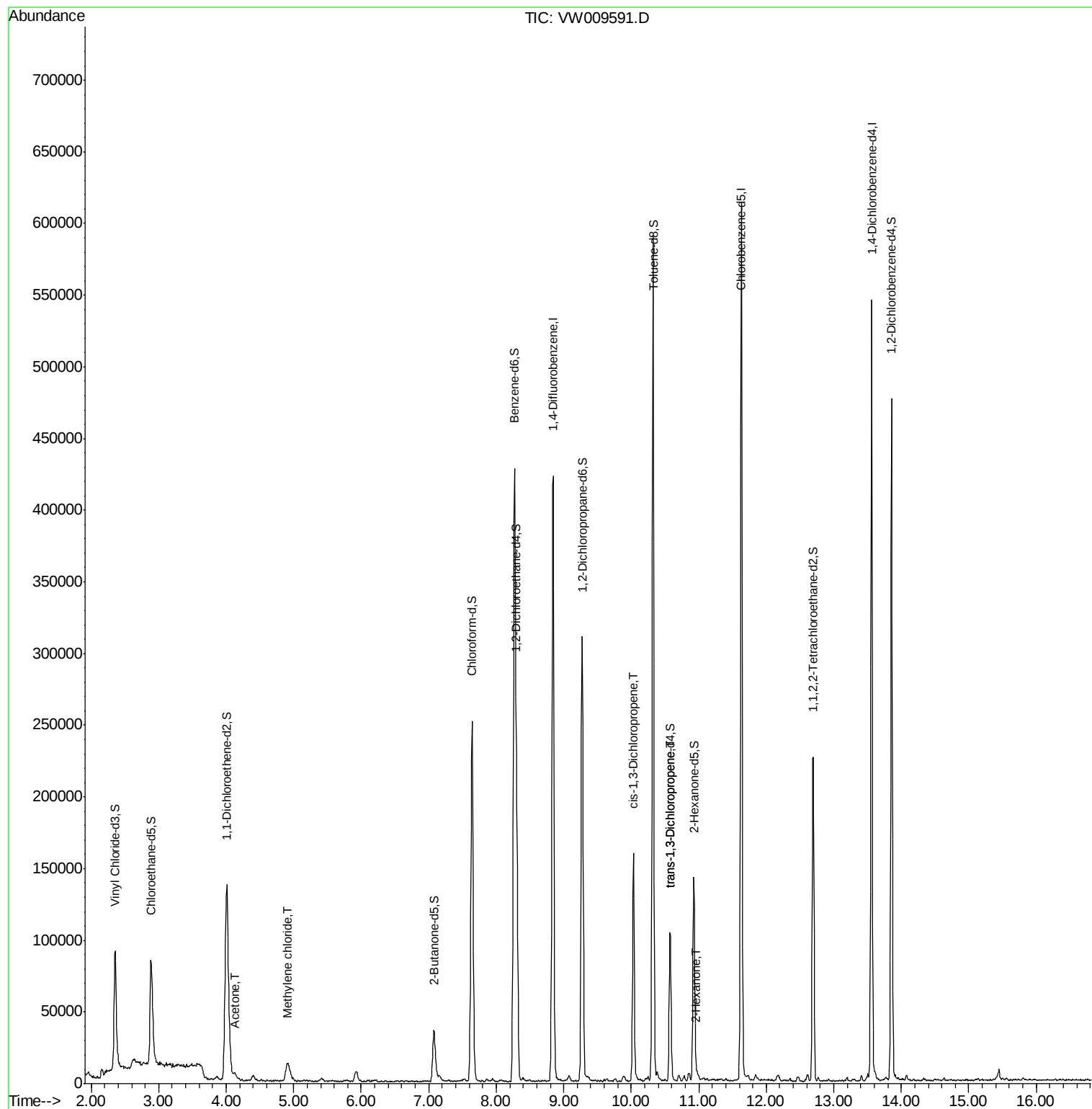
					Qvalue
13) Acetone	4.13	43	4121	3.089 ug/L	63
16) Methylene chloride	4.91	84	11279	2.350 ug/L	89
42) cis-1,3-Dichloropropene	10.03	75	5357	0.743 ug/L	87
45) trans-1,3-Dichloropropene	10.57	75	3300	0.526 ug/L	99
49) 2-Hexanone	10.97	43	2723	0.964 ug/L	98

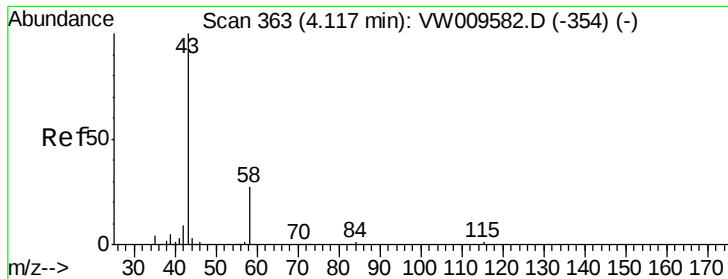
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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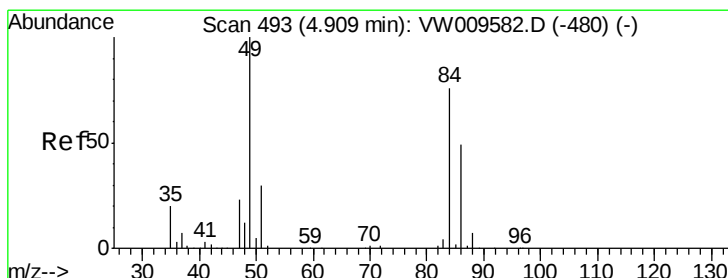
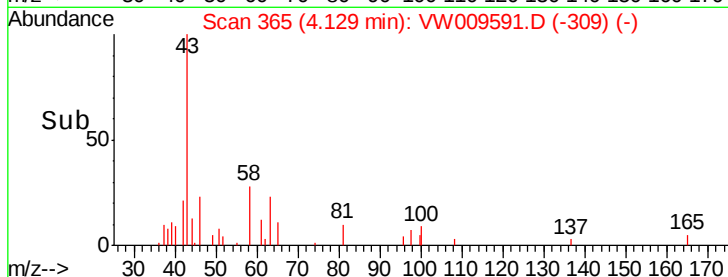
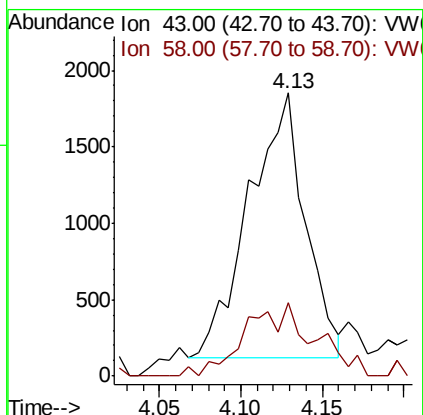
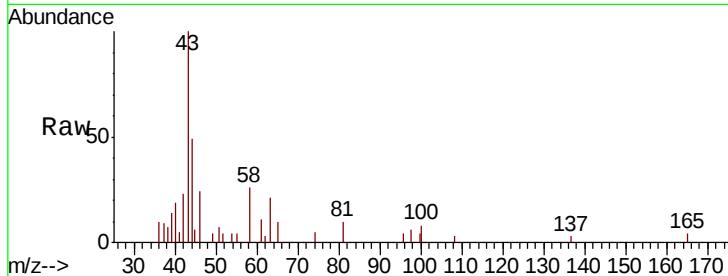




#13
Acetone
Concen: 3.089 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009591.D
Acq: 30 Mar 2019 15:38

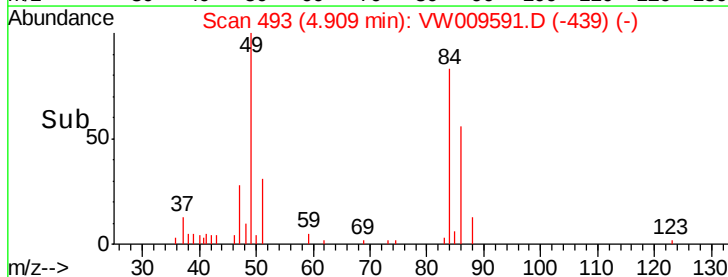
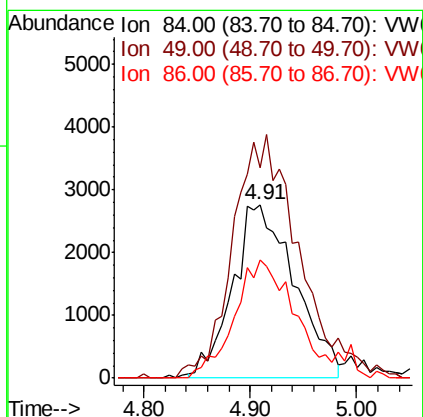
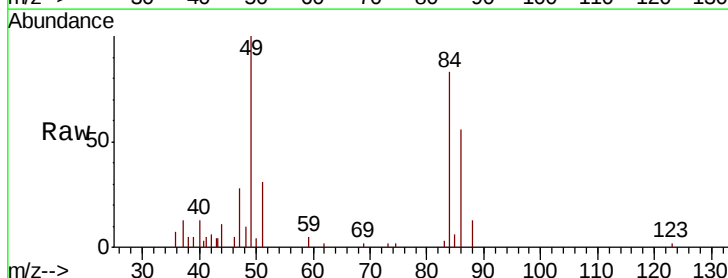
Instrument :
MSVOA_W
ClientSampleId :
BF5H4

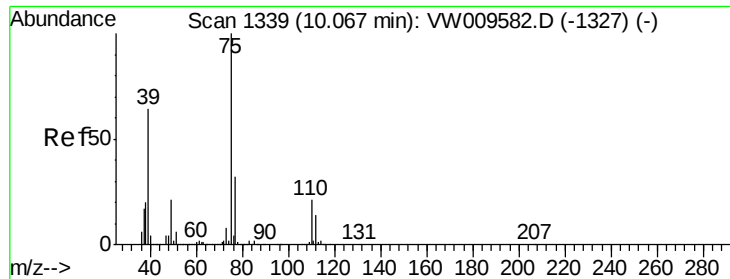
Tgt Ion: 43 Resp: 4121
Ion Ratio Lower Upper
43 100
58 8.6 0.0 56.2



#16
Methylene chloride
Concen: 2.350 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009591.D
Acq: 30 Mar 2019 15:38

Tgt Ion: 84 Resp: 11279
Ion Ratio Lower Upper
84 100
49 121.1 96.0 178.2
86 67.8 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009591.D

Acq: 30 Mar 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

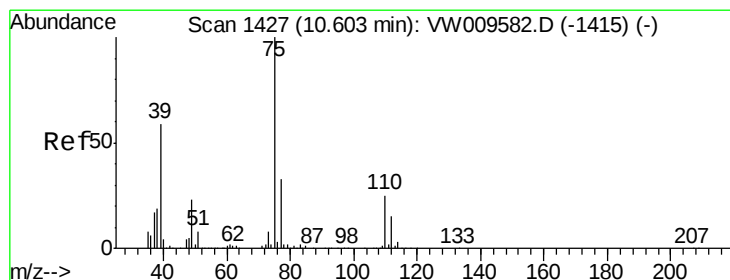
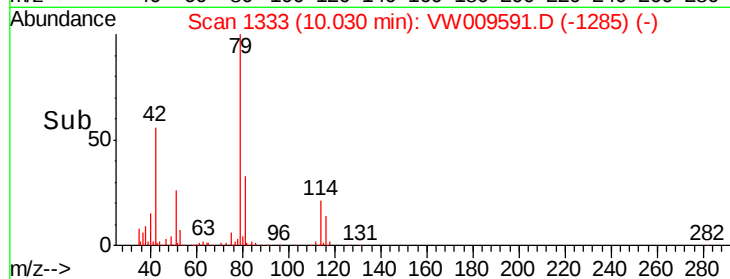
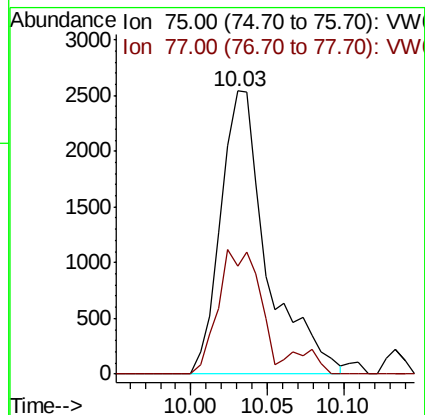
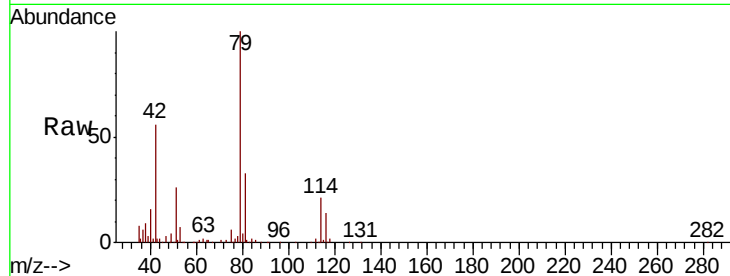
BF5H4

Tgt Ion: 75 Resp: 5357

Ion Ratio Lower Upper

75 100

77 38.1 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009591.D

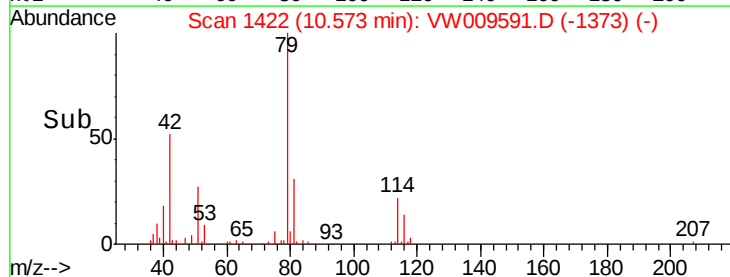
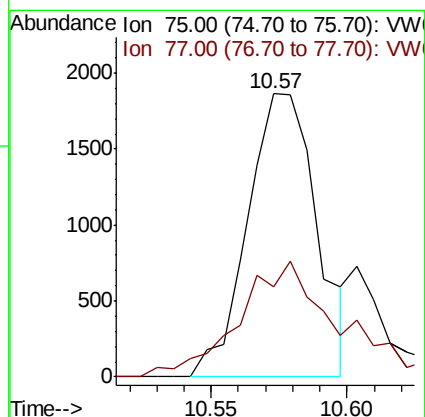
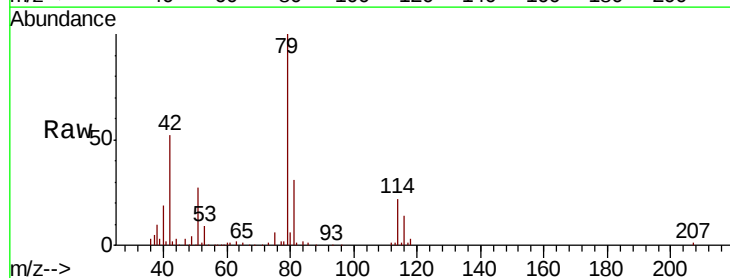
Acq: 30 Mar 2019 15:38

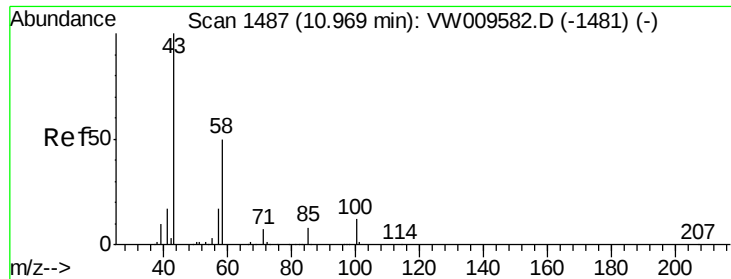
Tgt Ion: 75 Resp: 3300

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7





#49

2-Hexanone

Concen: 0.964 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009591.D

Acq: 30 Mar 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

BF5H4

Tgt Ion: 43 Resp: 2723

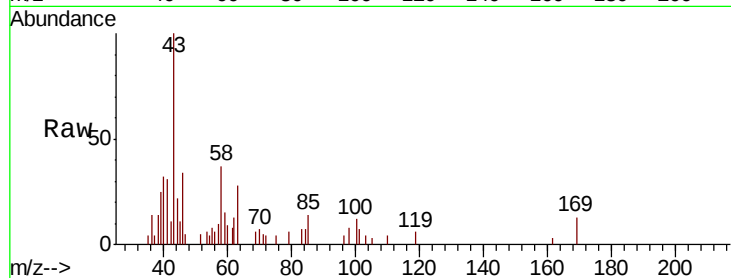
Ion Ratio Lower Upper

43 100

58 49.1 39.2 58.8

57 14.3 14.2 21.2

100 12.2 8.9 13.3



Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

