

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005801.D
 Acq On : 03 Oct 2018 03:19
 Operator : SY/AP
 Sample : J5182-14
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC63

Quant Time: Oct 03 09:34:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	218337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	41025	14.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.96%
7) Chloroethane-d5	2.89	69	37120	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
10) 1,1-Dichloroethene-d2	4.01	63	71915	11.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.32%
20) 2-Butanone-d5	7.09	46	15264	17.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.16%
24) Chloroform-d	7.65	84	136386	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	85344	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	212028	21.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.88%
33) 1,2-Dichloropropane-d6	9.28	67	72218	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.20%
37) Toluene-d8	10.33	98	184890	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.84%
38) trans-1,3-Dichloropropene-	10.59	79	21901	14.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.44%
39) 2-Hexanone-d5	10.93	63	9773	14.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64285	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	57914	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

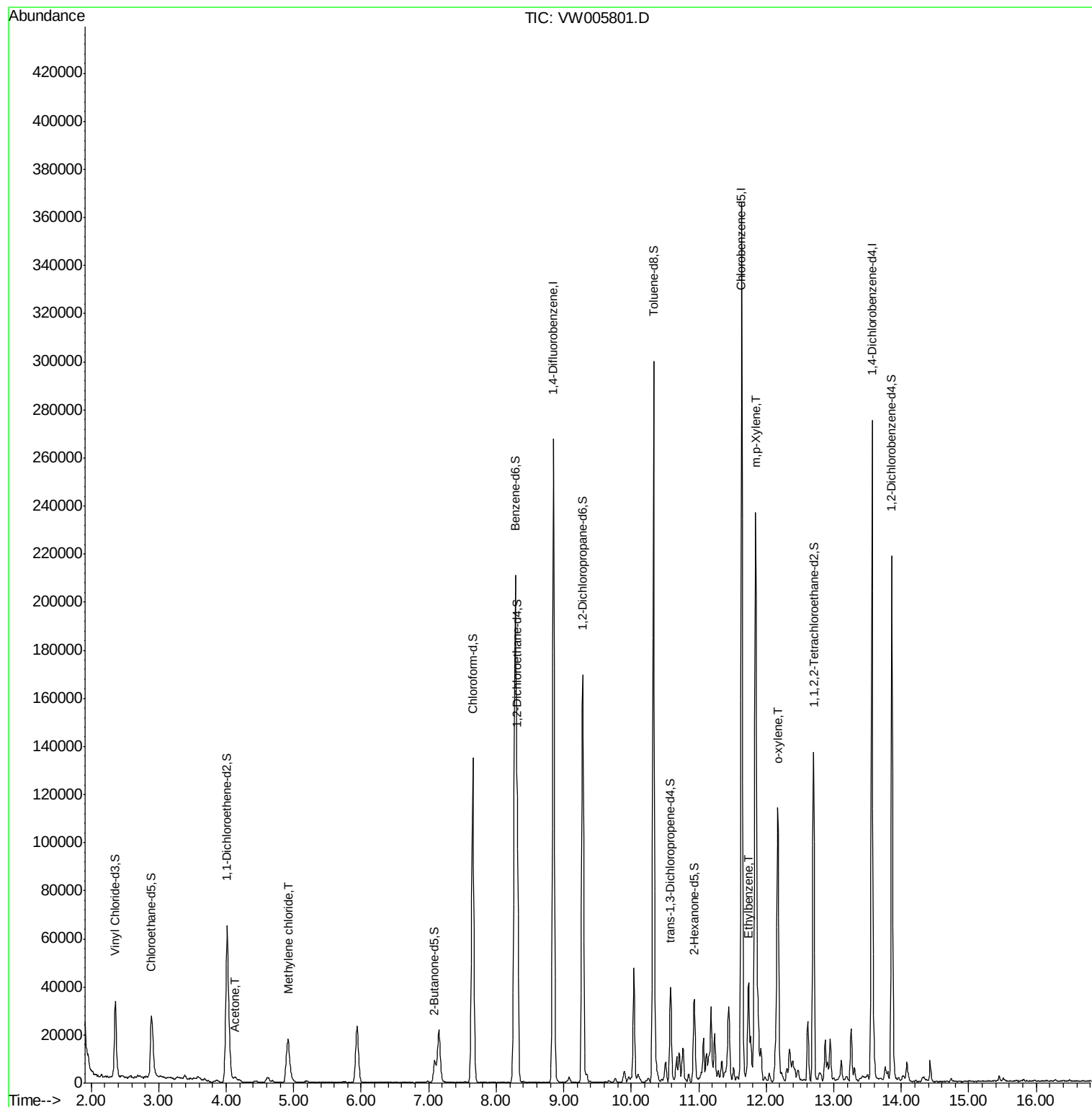
					Ovalue
13) Acetone	4.14	43	3334	3.583 ug/L	95
16) Methylene chloride	4.92	84	15692	4.359 ug/L	88
53) Ethylbenzene	11.74	91	23322	1.617 ug/L	98
54) m,p-Xylene	11.84	106	69885	12.859 ug/L	95
55) o-xylene	12.17	106	27195	5.309 ug/L	94

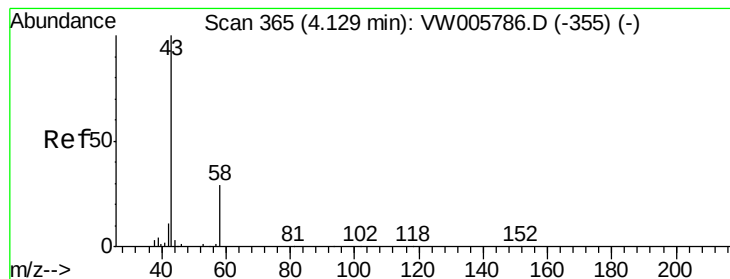
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.583 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005801.D

Acq: 03 Oct 2018 03:19

Instrument :

MSVOA_W

ClientSampled :

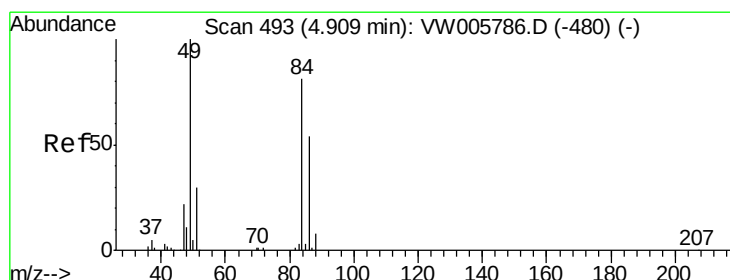
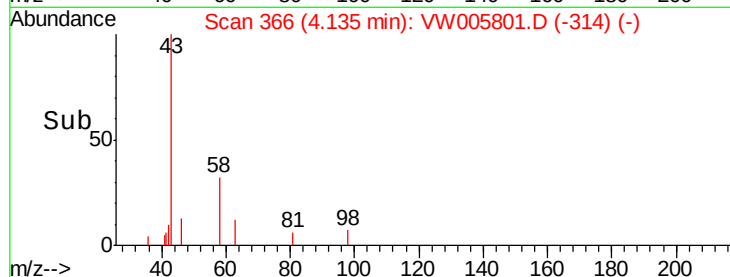
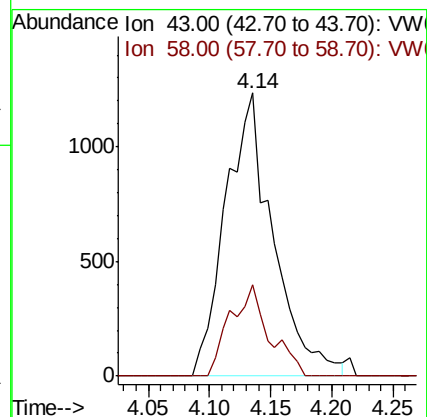
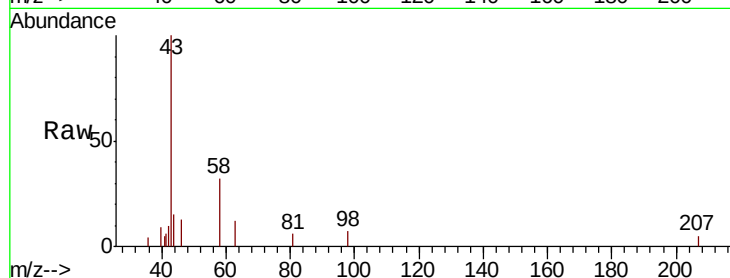
JLC63

Tot Ion: 43 Resp: 3334

Ion Ratio Lower Upper

43 100

58 13.7 0.0 31.8



#16

Methylene chloride

Concen: 4.359 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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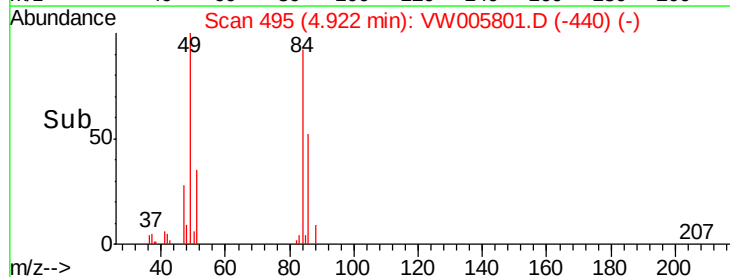
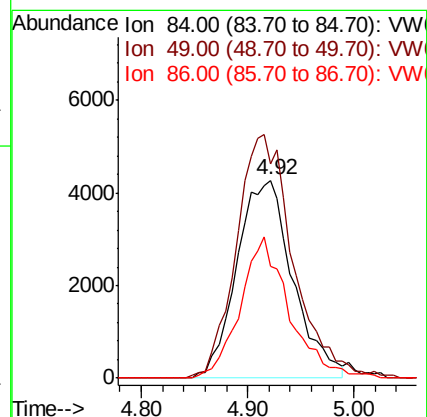
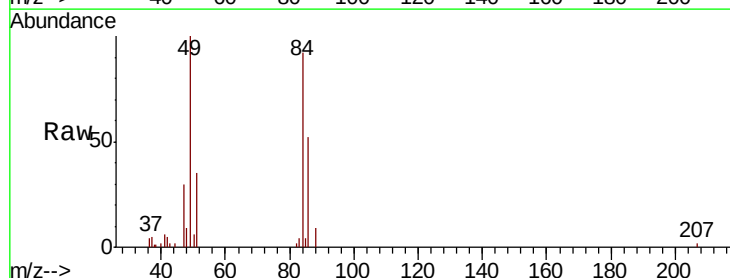
Tgt Ion: 84 Resp: 15692

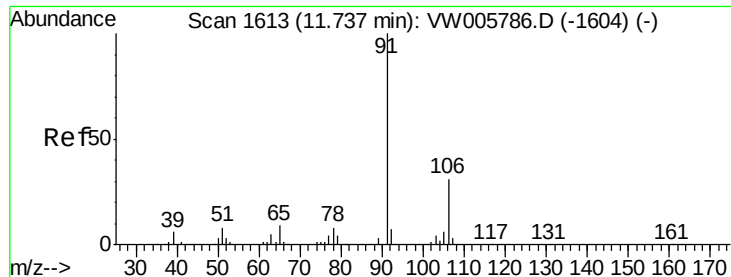
Ion Ratio Lower Upper

84 100

49 108.4 87.2 162.0

86 56.6 43.2 80.2





#53

Ethylbenzene

Concen: 1.617 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005801.D

Acq: 03 Oct 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

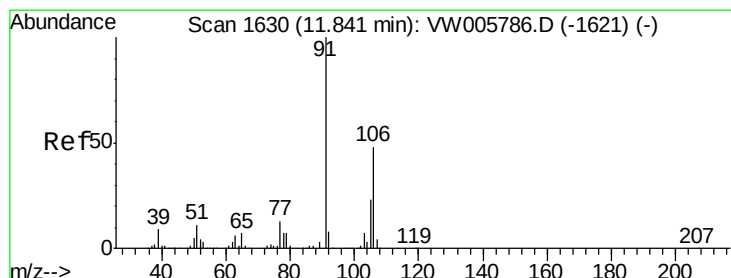
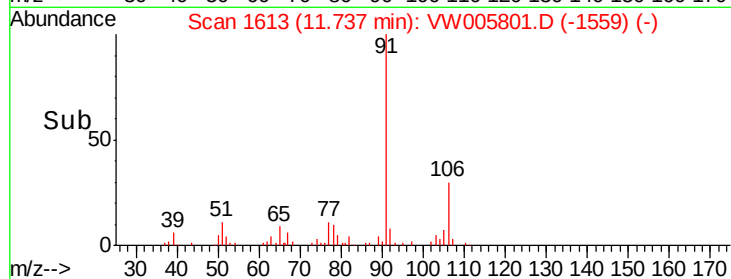
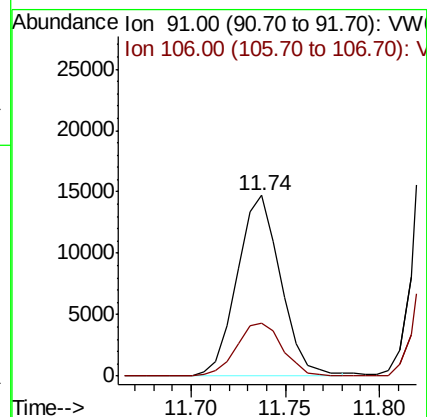
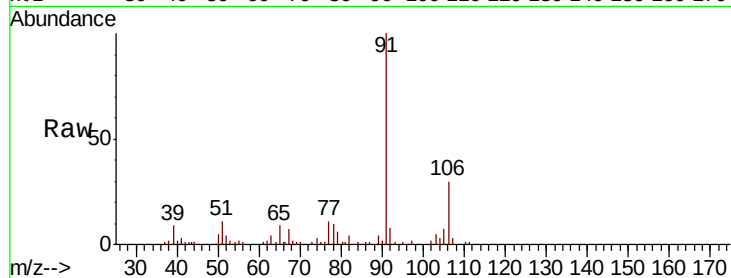
JLC63

Tot Ion: 91 Resp: 23322

Ion Ratio Lower Upper

91 100

106 29.5 21.5 39.9



#54

m,p-Xylene

Concen: 12.859 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005801.D

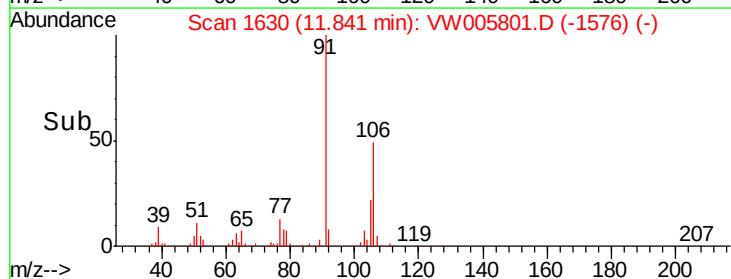
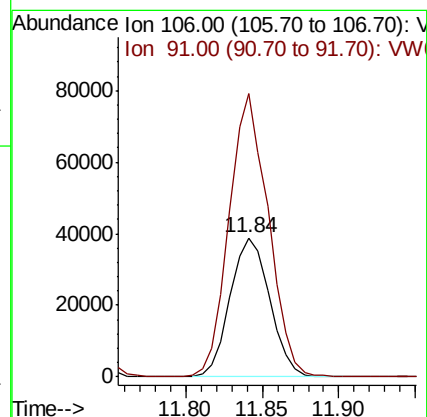
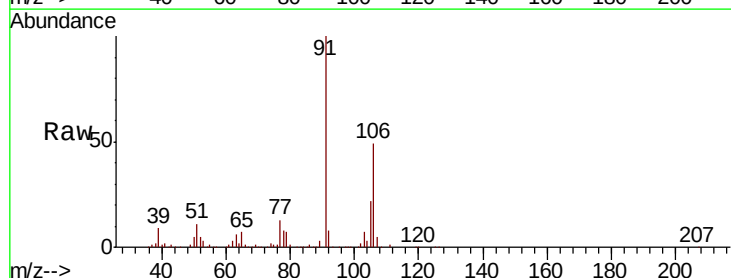
Acq: 03 Oct 2018 03:19

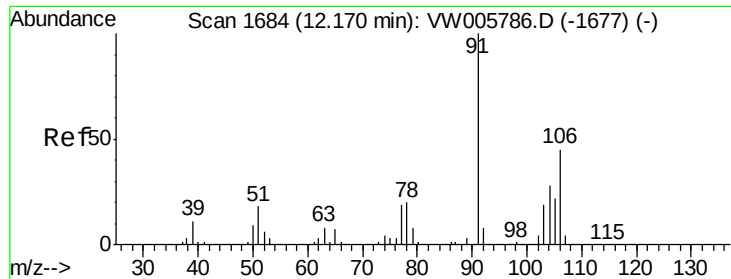
Tgt Ion: 106 Resp: 69885

Ion Ratio Lower Upper

106 100

91 203.1 147.7 274.3

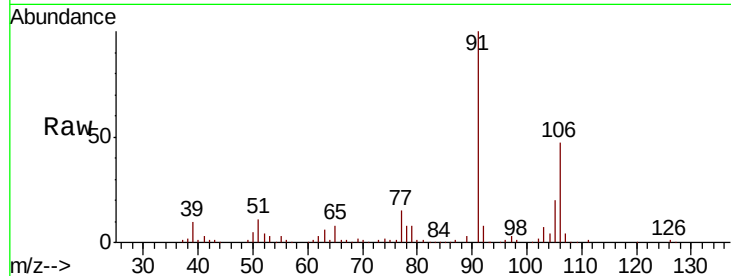




#55
 o-xylene
 Concen: 5.309 ug/L
 RT: 12.17 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VW005801.D
 Acq: 03 Oct 2018 03:19

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC63

Tot Ion:106 Resp: 27195
 Ion Ratio Lower Upper
 106 100
 91 214.5 156.5 290.7



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VW

