

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101019\
 Data File : VW013527.D
 Acq On : 10 Oct 2019 19:10
 Operator : SY/VA
 Sample : K5267-03MSD
 Misc : 6.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 09:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 07:46:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365383	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123953	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	2.89	69	88370	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
10) 1,1-Dichloroethene-d2	4.02	63	246935	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.72%
20) 2-Butanone-d5	7.08	46	81406	57.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.52%
24) Chloroform-d	7.65	84	228329	25.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.84%
26) 1,2-Dichloroethane-d4	8.31	65	126760	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	8.27	84	515083	26.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.28%
33) 1,2-Dichloropropane-d6	9.27	67	153873	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	481803	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.58	79	68309	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.64%
39) 2-Hexanone-d5	10.92	63	64808	55.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128476	27.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	174827	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

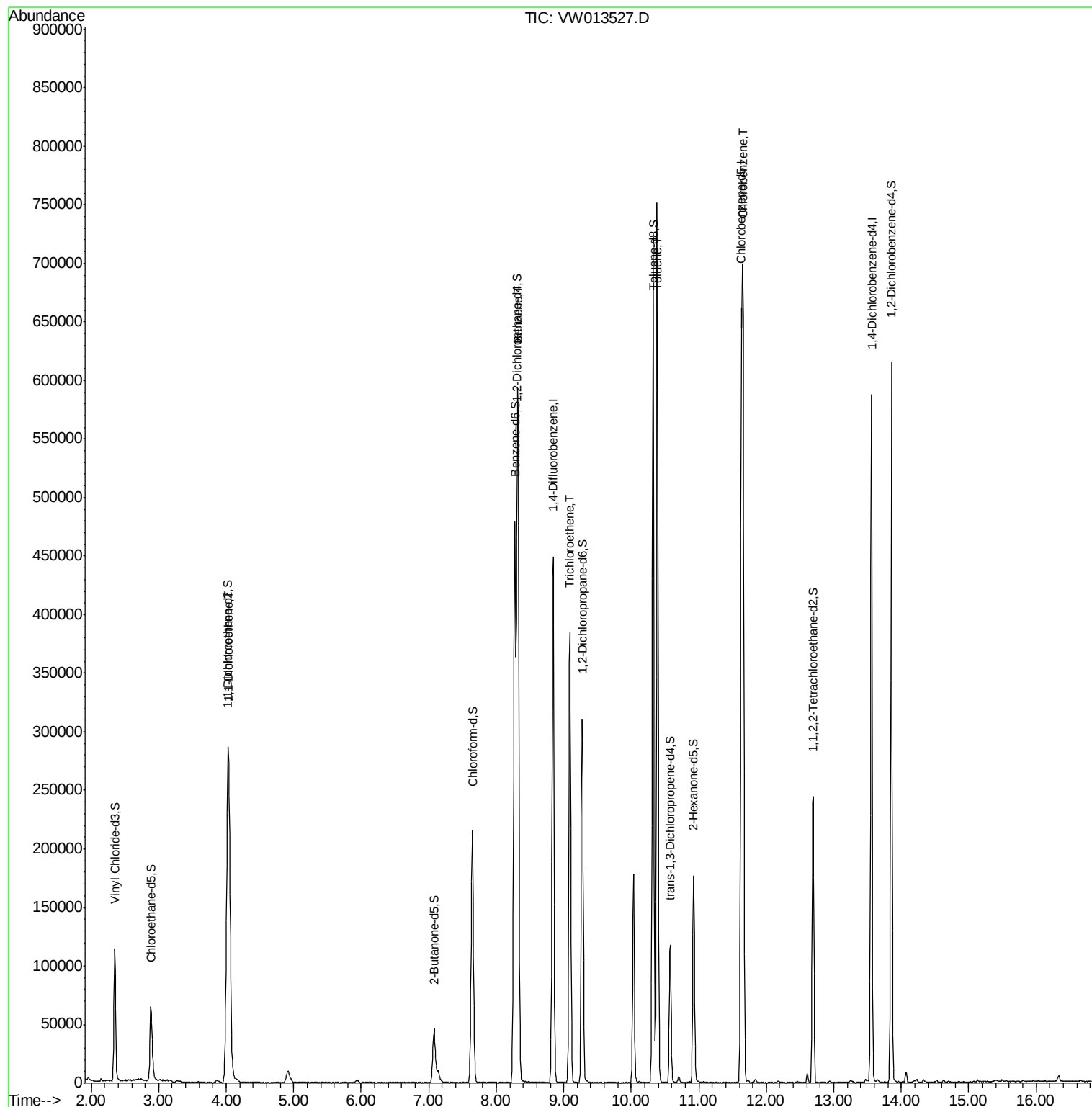
Target Compounds

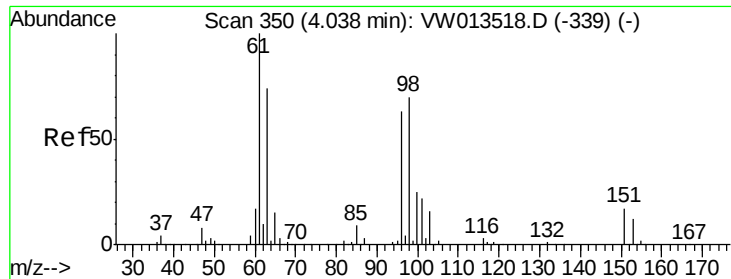
					Qvalue
12) 1,1-Dichloroethene	4.04	96	118352	23.063 ug/L	91
34) Benzene	8.32	78	521683	23.633 ug/L	100
35) Trichloroethene	9.09	95	134324	23.329 ug/L	99
44) Toluene	10.38	91	571406	23.886 ug/L	97
52) Chlorobenzene	11.66	112	364923	24.036 ug/L	99

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

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#12

1,1-Dichloroethene

Concen: 23.063 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013527.D

Acq: 10 Oct 2019 19:10

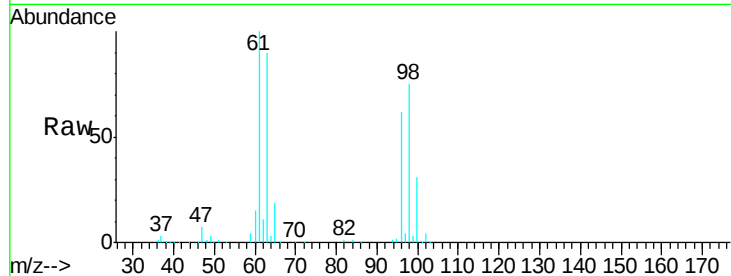
Tgt Ion: 96 Resp: 118352

Ion Ratio Lower Upper

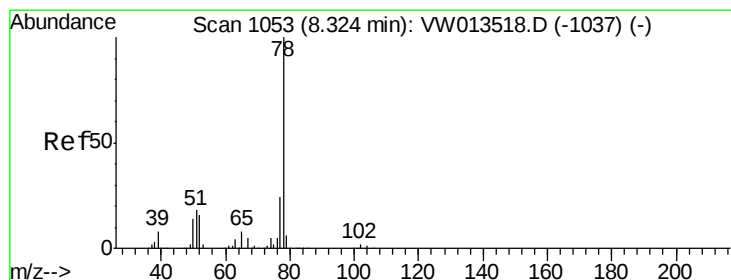
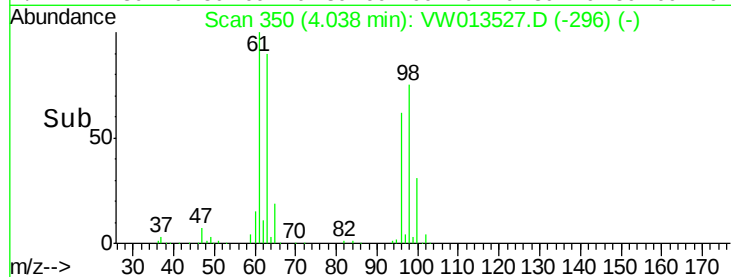
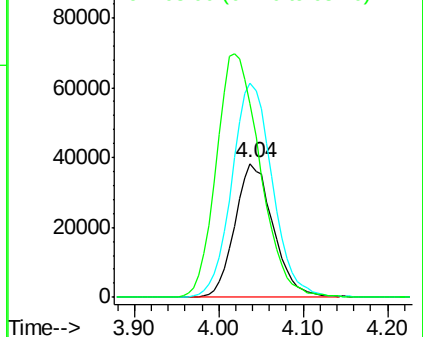
96 100

61 160.6 111.0 206.2

63 145.1 86.3 160.3



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#34

Benzene

Concen: 23.633 ug/L

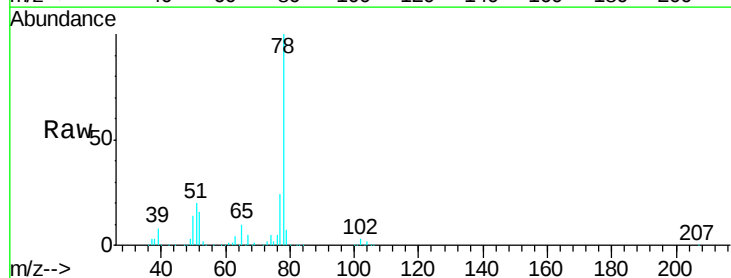
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

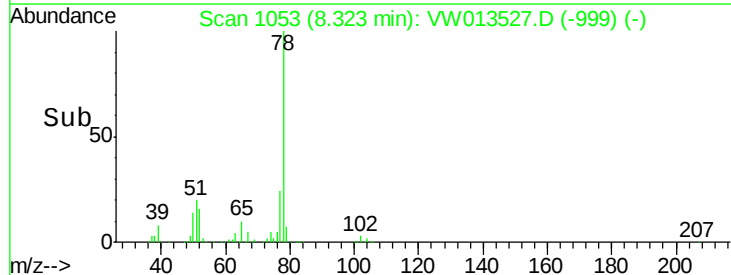
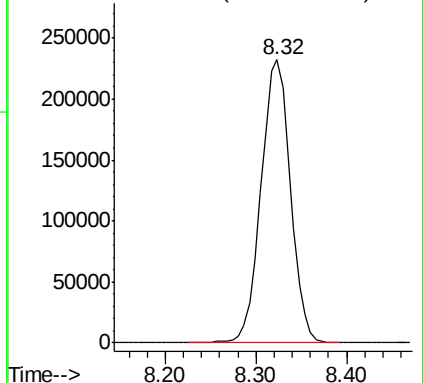
Lab File: VW013527.D

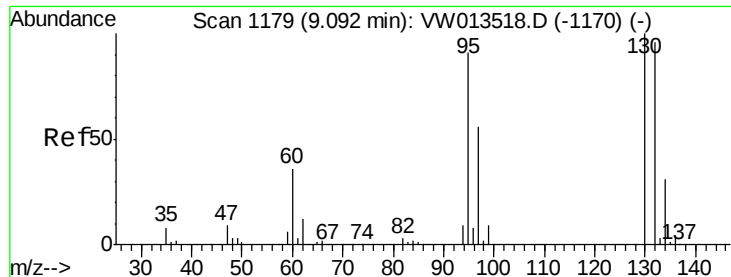
Acq: 10 Oct 2019 19:10

Tgt Ion: 78 Resp: 521683



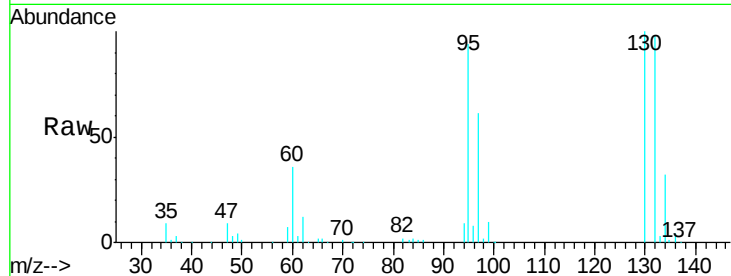
Abundance Ion 78.00 (77.70 to 78.70): VW



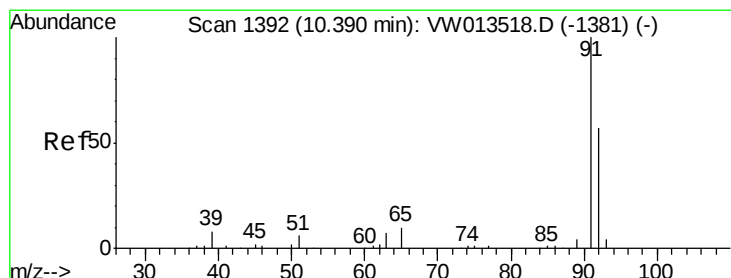
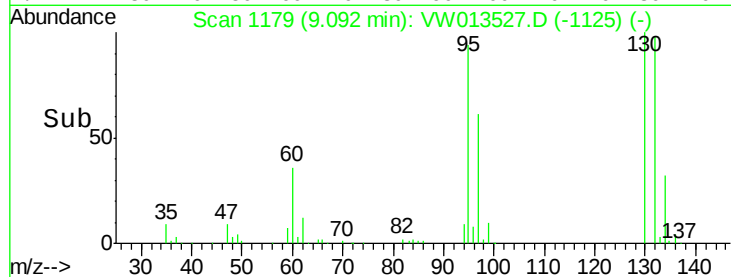
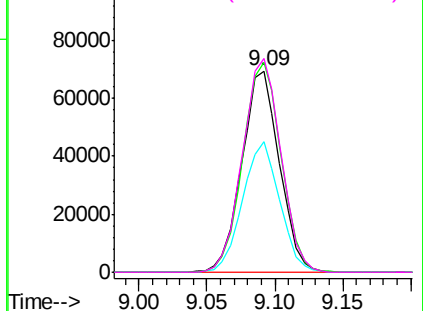


#35
 Trichloroethene
 Concen: 23.329 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013527.D
 Acq: 10 Oct 2019 19:10

Tgt Ion: 95 Resp: 134324
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.1 83.7
 132 106.2 73.6 136.8
 130 108.2 76.3 141.7

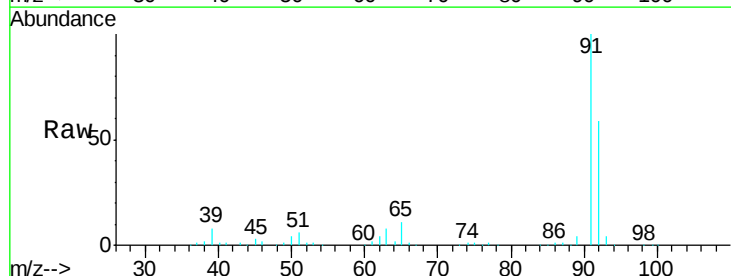


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

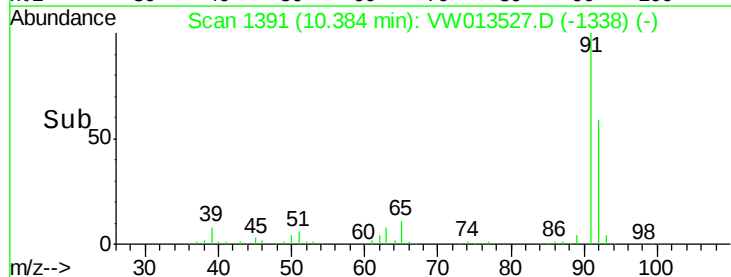
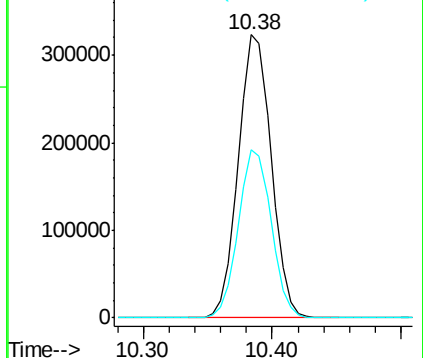


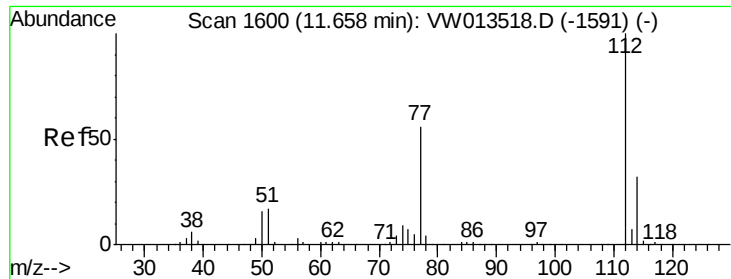
#44
 Toluene
 Concen: 23.886 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW013527.D
 Acq: 10 Oct 2019 19:10

Tgt Ion: 91 Resp: 571406
 Ion Ratio Lower Upper
 91 100
 92 59.4 40.0 74.4



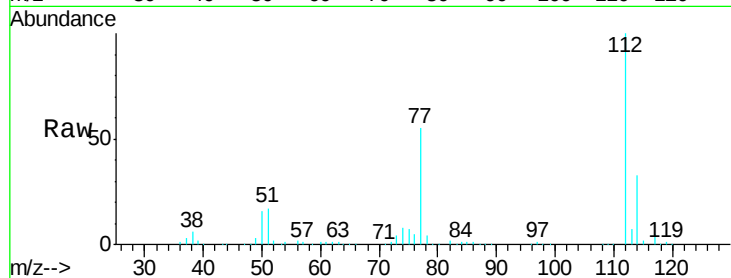
Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#52
 Chlorobenzene
 Concen: 24.036 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW013527.D
 Acq: 10 Oct 2019 19:10

Tgt Ion:	112	Resp:	364923
Ion	Ratio	Lower	Upper
112	100		
77	55.2	44.5	66.7
114	33.4	22.7	42.3



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 77.00 (76.70 to 77.70): VW
 Ion 114.00 (113.70 to 114.70): V

