

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010936.D
 Acq On : 24 Jun 2019 18:07
 Operator : SY/VA
 Sample : K3456-22MS
 Misc : 4.59G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANY8MS

Quant Time: Jun 25 03:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379668	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110323	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.68%
7) Chloroethane-d5	2.88	69	83269	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.02	63	267919	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.16%
20) 2-Butanone-d5	7.07	46	112856	48.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.66%
24) Chloroform-d	7.65	84	247450	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	160233	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.00%
29) Benzene-d6	8.27	84	512983	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	9.27	67	171752	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	10.32	98	460785	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.58	79	69910	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	10.93	63	76194	49.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135951	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	160332	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

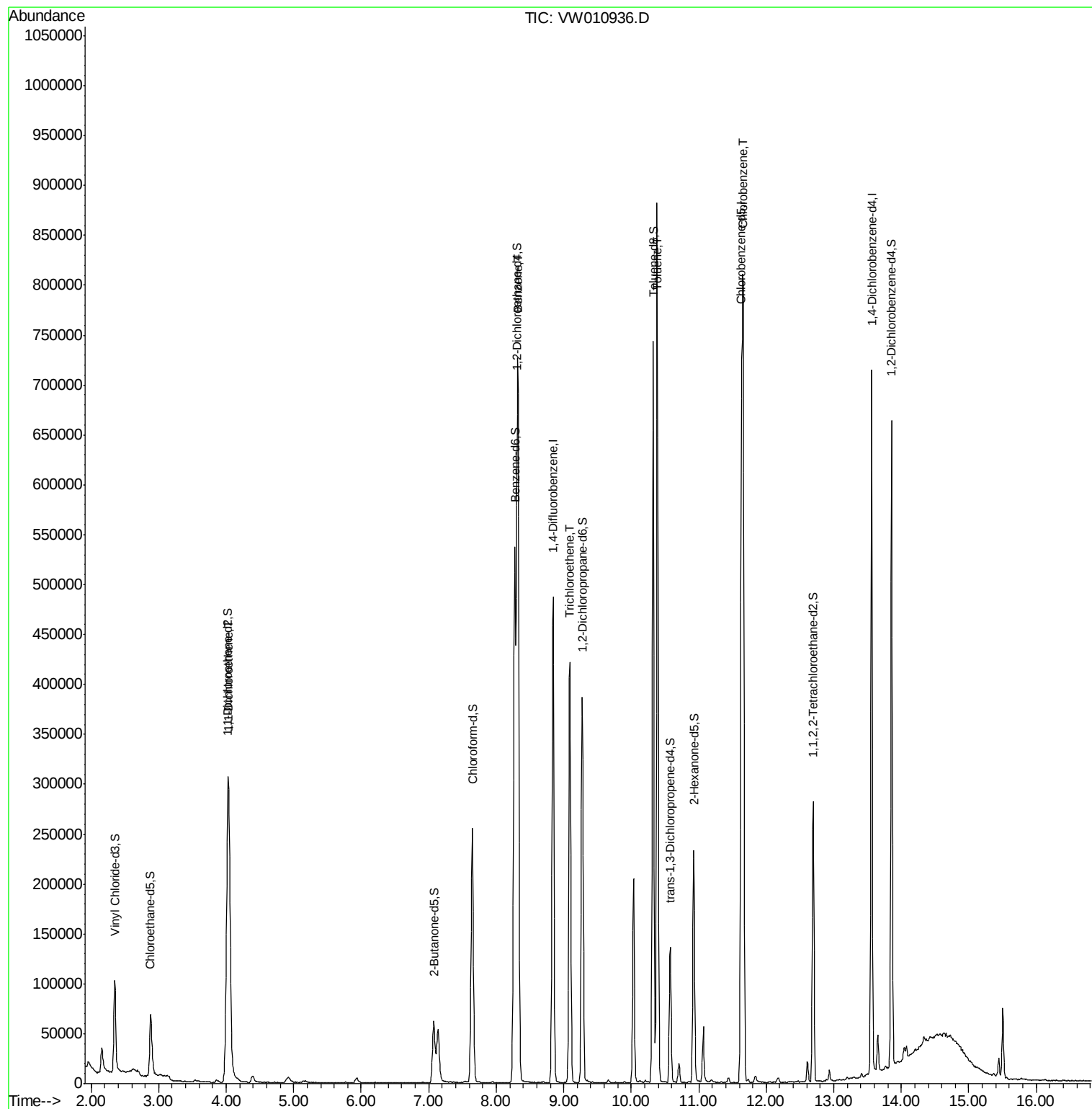
					Ovalue
12) 1,1-Dichloroethene	4.04	96	120818	22.734	ug/L 96
34) Benzene	8.32	78	584728	25.965	ug/L 100
35) Trichloroethene	9.09	95	144772	25.350	ug/L 100
44) Toluene	10.38	91	613564	26.056	ug/L 99
52) Chlorobenzene	11.66	112	367667	25.947	ug/L 99

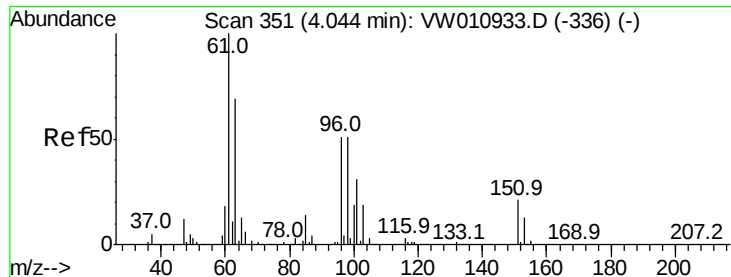
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.734 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW010936.D

Acq: 24 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

YANY8MS

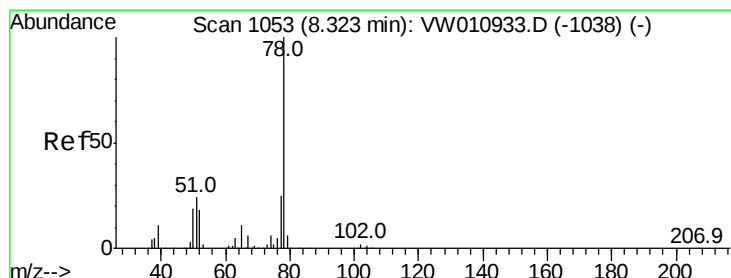
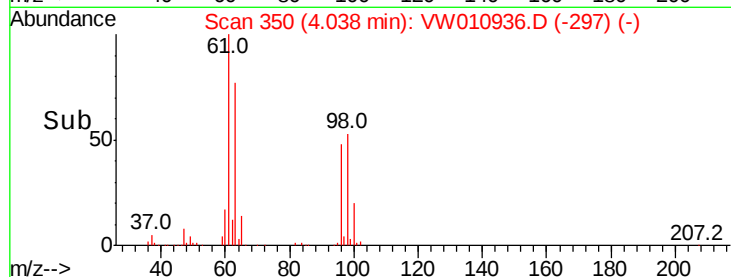
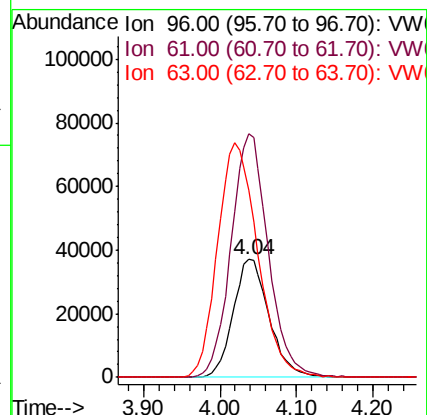
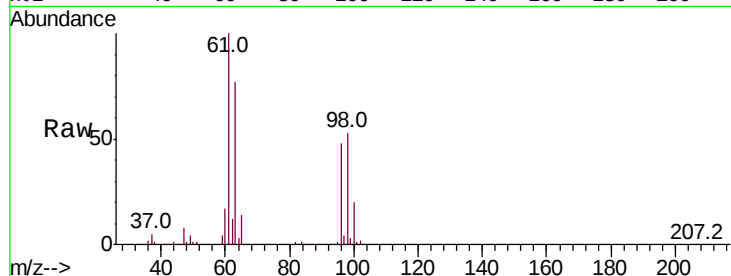
Tot Ion: 96 Resp: 120818

Ion Ratio Lower Upper

96 100

61 206.8 144.5 268.3

63 158.9 102.3 189.9



#34

Benzene

Concen: 25.965 ug/L

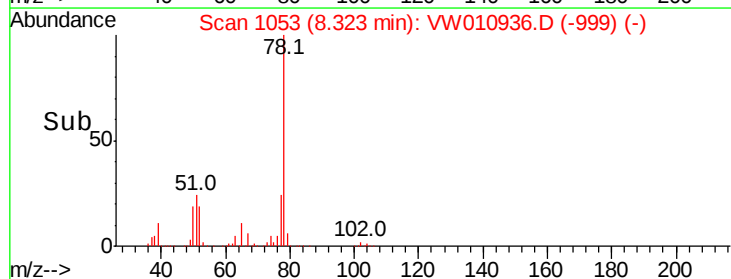
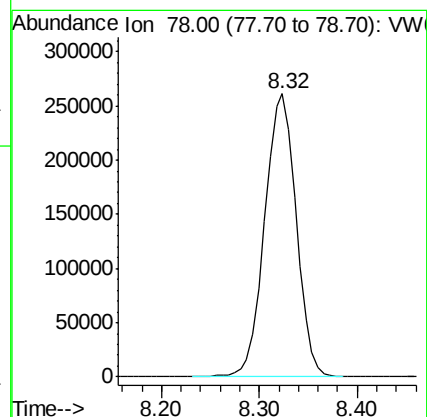
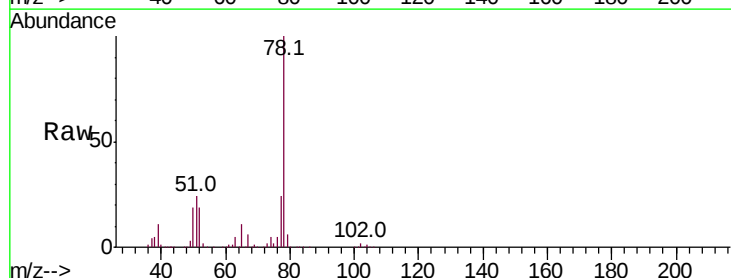
RT: 8.32 min Scan# 1053

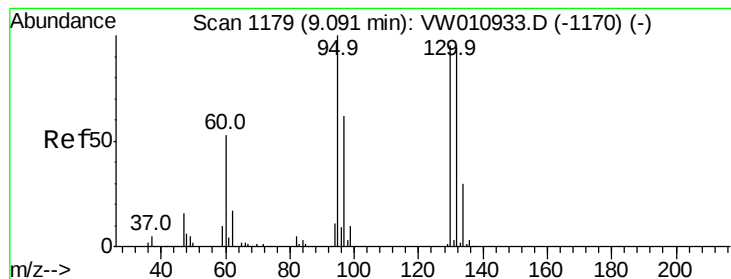
Delta R.T. 0.00 min

Lab File: VW010936.D

Acq: 24 Jun 2019 18:07

Tgt Ion: 78 Resp: 584728





#35

Trichloroethene

Concen: 25.350 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010936.D

Acq: 24 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

YANY8MS

Tot Ion: 95 Resp: 144772

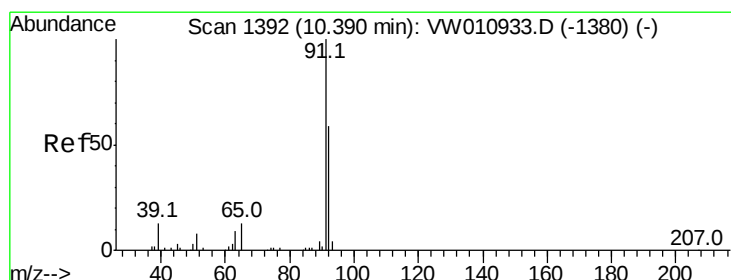
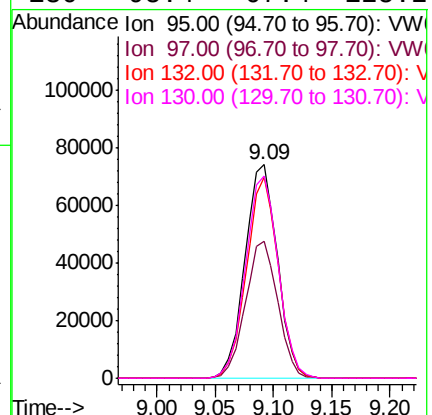
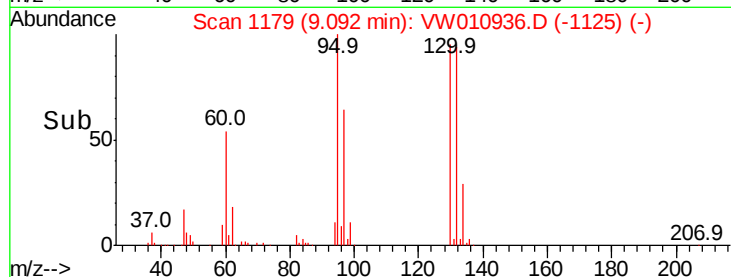
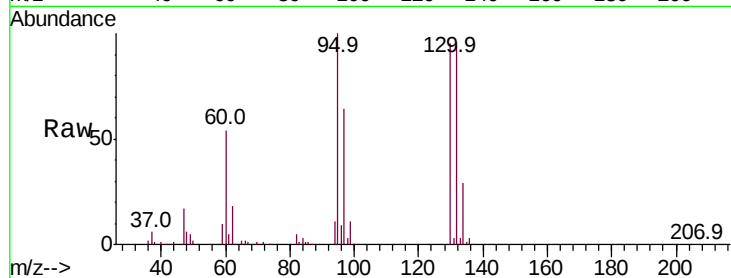
Ion Ratio Lower Upper

95 100

97 63.9 44.9 83.3

132 91.4 64.0 119.0

130 95.4 67.4 125.2



#44

Toluene

Concen: 26.056 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010936.D

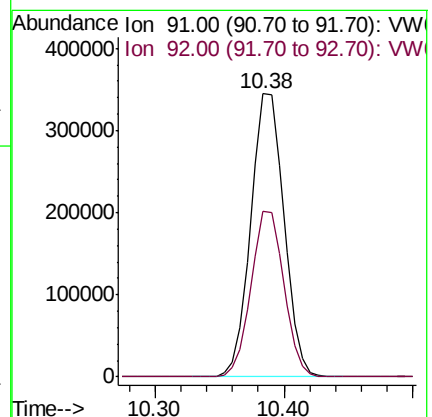
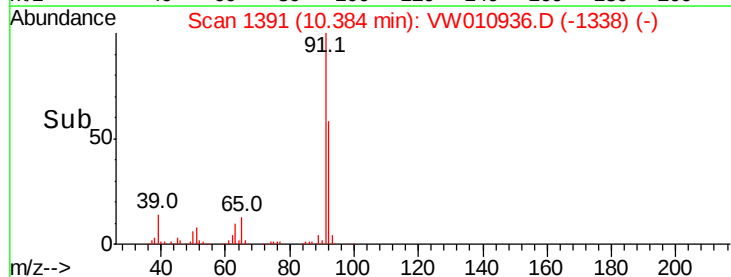
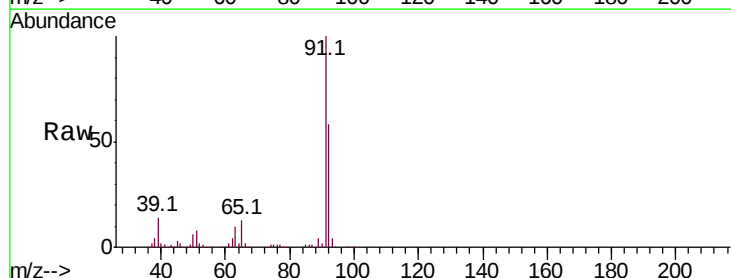
Acq: 24 Jun 2019 18:07

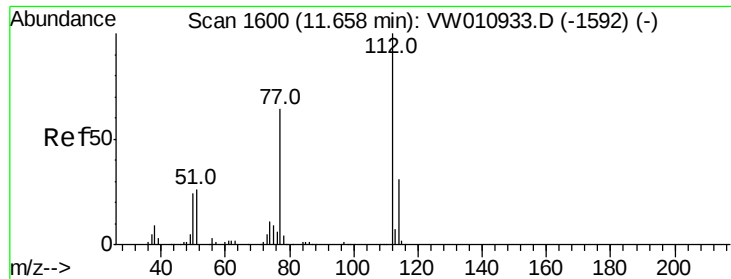
Tgt Ion: 91 Resp: 613564

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4





#52

Chlorobenzene

Concen: 25.947 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010936.D

Acq: 24 Jun 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

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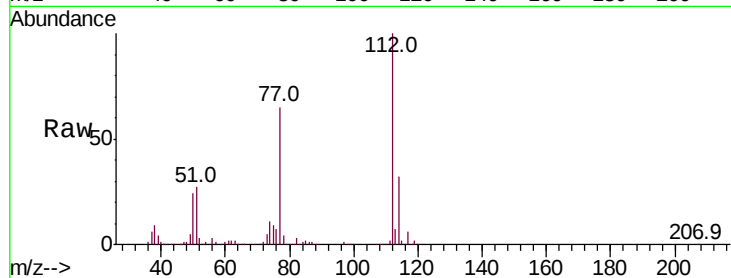
Tot Ion:112 Resp: 367667

Ion Ratio Lower Upper

112 100

77 65.1 51.1 76.7

114 32.2 22.7 42.1



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

