

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022519\
 Data File : VV009349.D
 Acq On : 25 Feb 2019 15:23
 Operator : SY/MD
 Sample : K1579-13MS
 Misc : 6.85G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB609MS

Quant Time: Feb 26 03:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 26 02:46:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77525	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24827	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
7) Chloroethane-d5	1.57	69	26278	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	2.13	63	70583	27.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.32%#
20) 2-Butanone-d5	3.93	46	13754	38.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.20%
24) Chloroform-d	4.40	84	40711	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.08	65	25096	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	89920	28.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.76%
33) 1,2-Dichloropropane-d6	6.12	67	29674	32.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.68%#
37) Toluene-d8	7.36	98	78273	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	7.66	79	11683	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	8.13	63	10968	42.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21612	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	13605	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

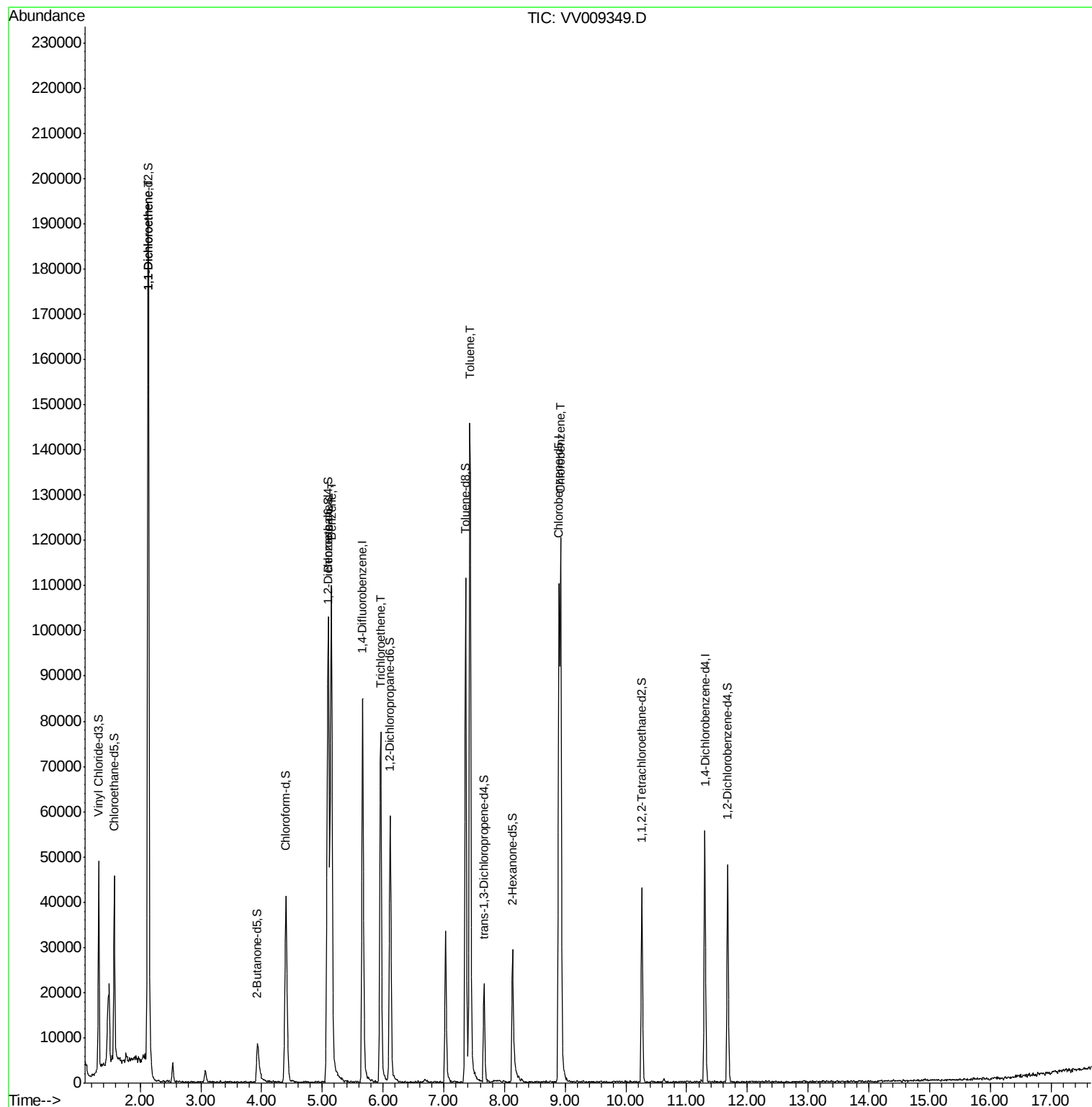
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	34972	30.746 ug/L	97
34) Benzene	5.15	78	111348	32.588 ug/L	100
35) Trichloroethene	5.96	95	26668	28.060 ug/L	99
44) Toluene	7.43	91	112879	29.786 ug/L	99
52) Chlorobenzene	8.93	112	63414	25.699 ug/L	99

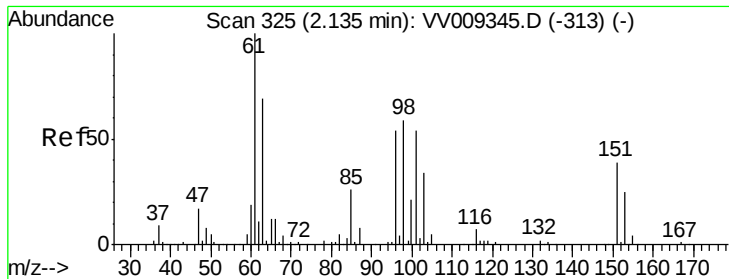
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 30.746 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

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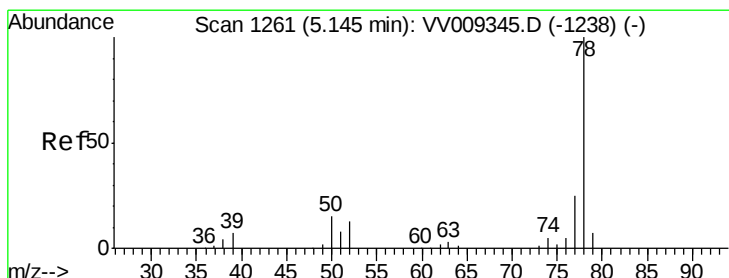
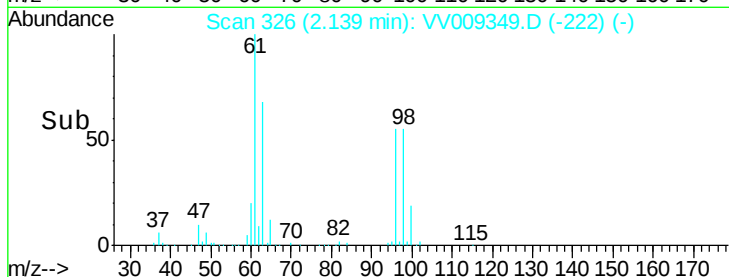
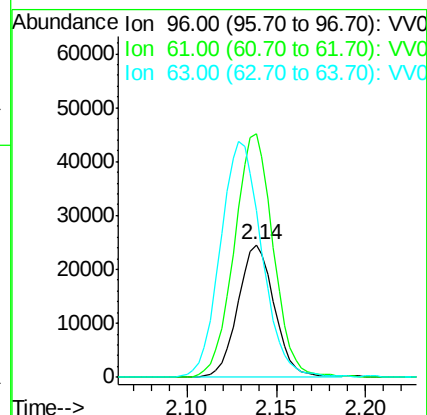
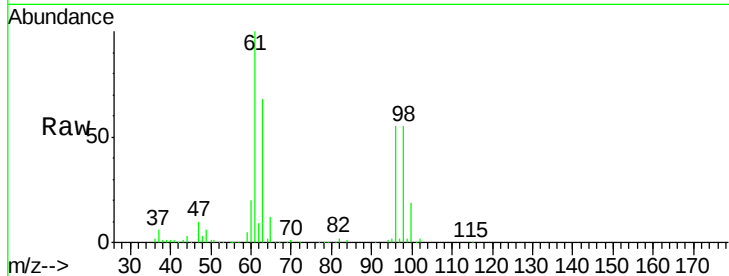
Tot Ion: 96 Resp: 34972

Ion Ratio Lower Upper

96 100

61 183.3 123.3 228.9

63 125.4 88.4 164.2



#34

Benzene

Concen: 32.588 ug/L

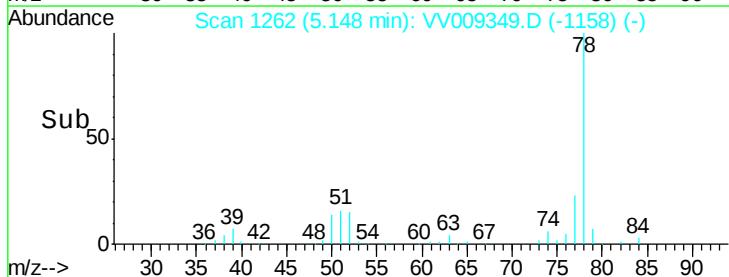
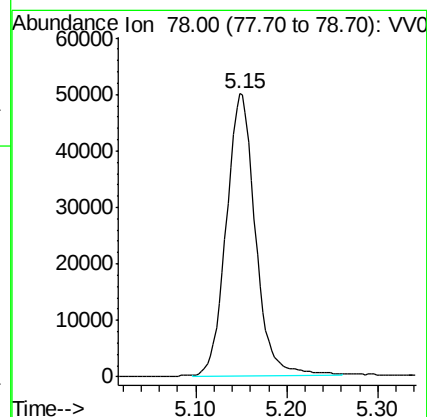
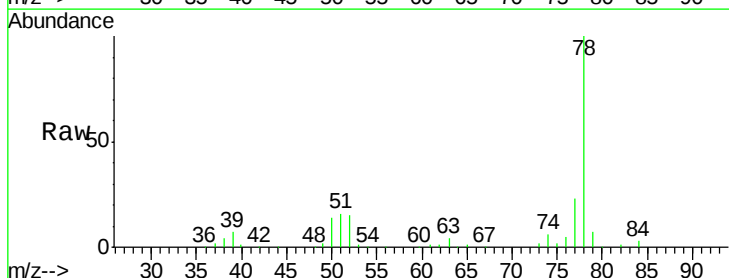
RT: 5.15 min Scan# 1262

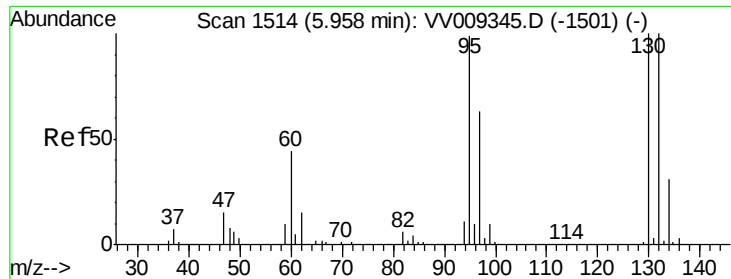
Delta R.T. 0.00 min

Lab File: VV009349.D

Acq: 25 Feb 2019 15:23

Tgt Ion: 78 Resp: 111348

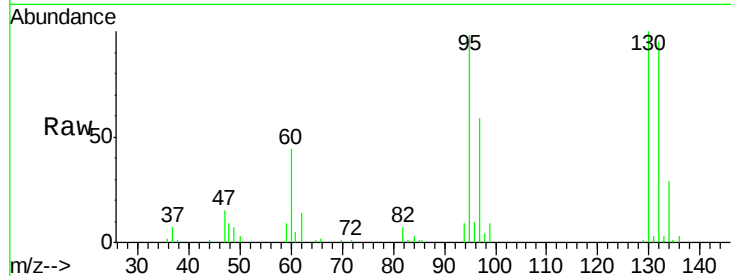




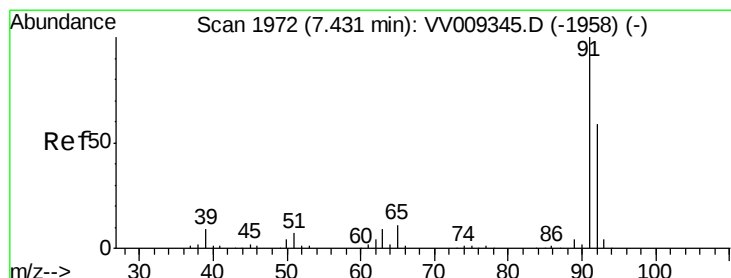
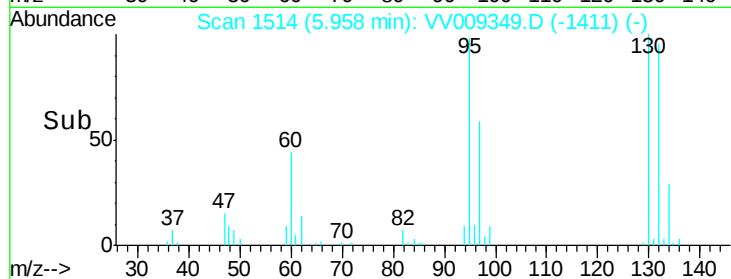
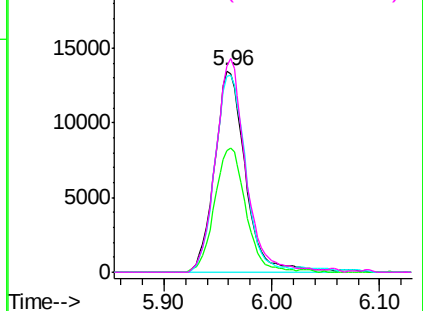
#35
 Trichloroethene
 Concen: 28.060 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
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Tot Ion: 95 Resp: 26668
 Ion Ratio Lower Upper
 95 100
 97 62.6 45.0 83.6
 132 97.5 68.7 127.5
 130 102.9 72.2 134.0

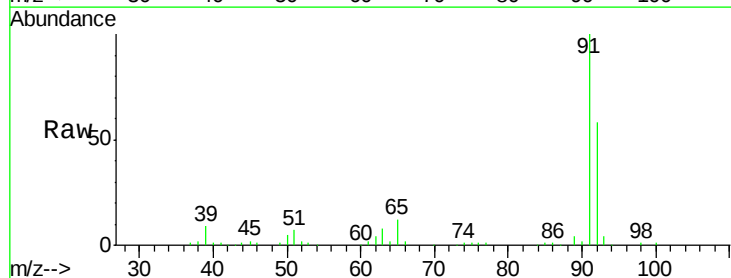


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

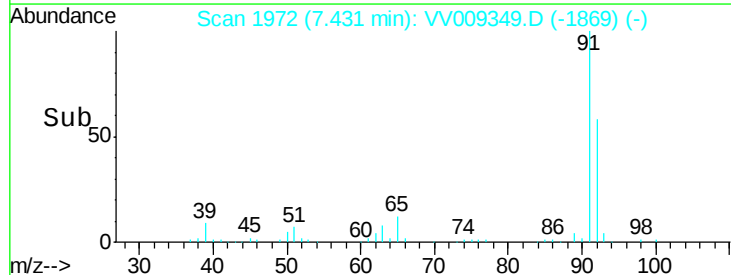
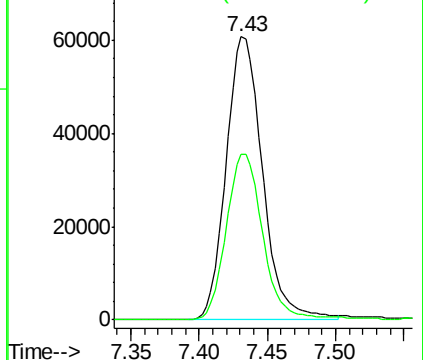


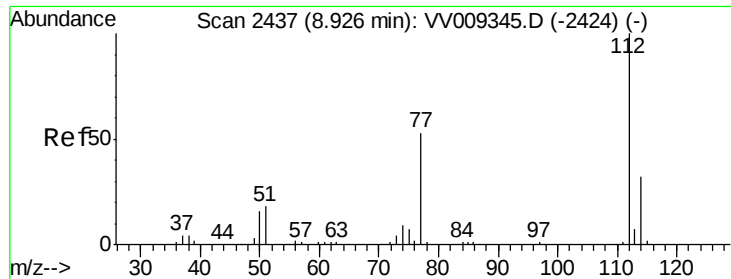
#44
 Toluene
 Concen: 29.786 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009349.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 91 Resp: 112879
 Ion Ratio Lower Upper
 91 100
 92 58.4 40.5 75.3



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#52

Chlorobenzene

Concen: 25.699 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV009349.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_V

ClientSampleId :

DB609MS

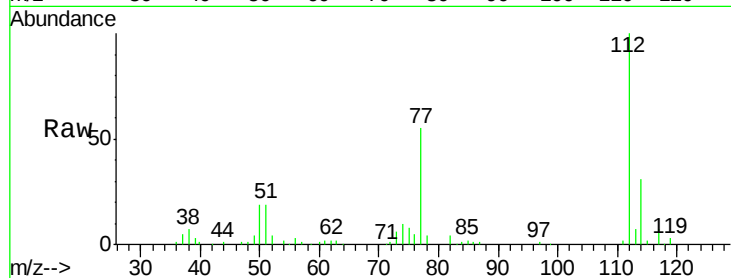
Tot Ion:112 Resp: 63414

Ion Ratio Lower Upper

112 100

77 55.2 45.0 67.4

114 31.4 22.0 41.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V

