

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022020\
 Data File : VU036864.D
 Acq On : 20 Feb 2020 12:41
 Operator : JC/MD
 Sample : L1580-06DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ7DL

Quant Time: Feb 21 01:00:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 21 00:49:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	136514	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	131140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	62516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47911	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	45306	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	65866	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.68	46	127522	51.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.60%
24) Chloroform-d	5.11	84	81738	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	47397	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.76	84	183119	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.73	67	58262	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	162764	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	20740	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	106161	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43529	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	55317	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

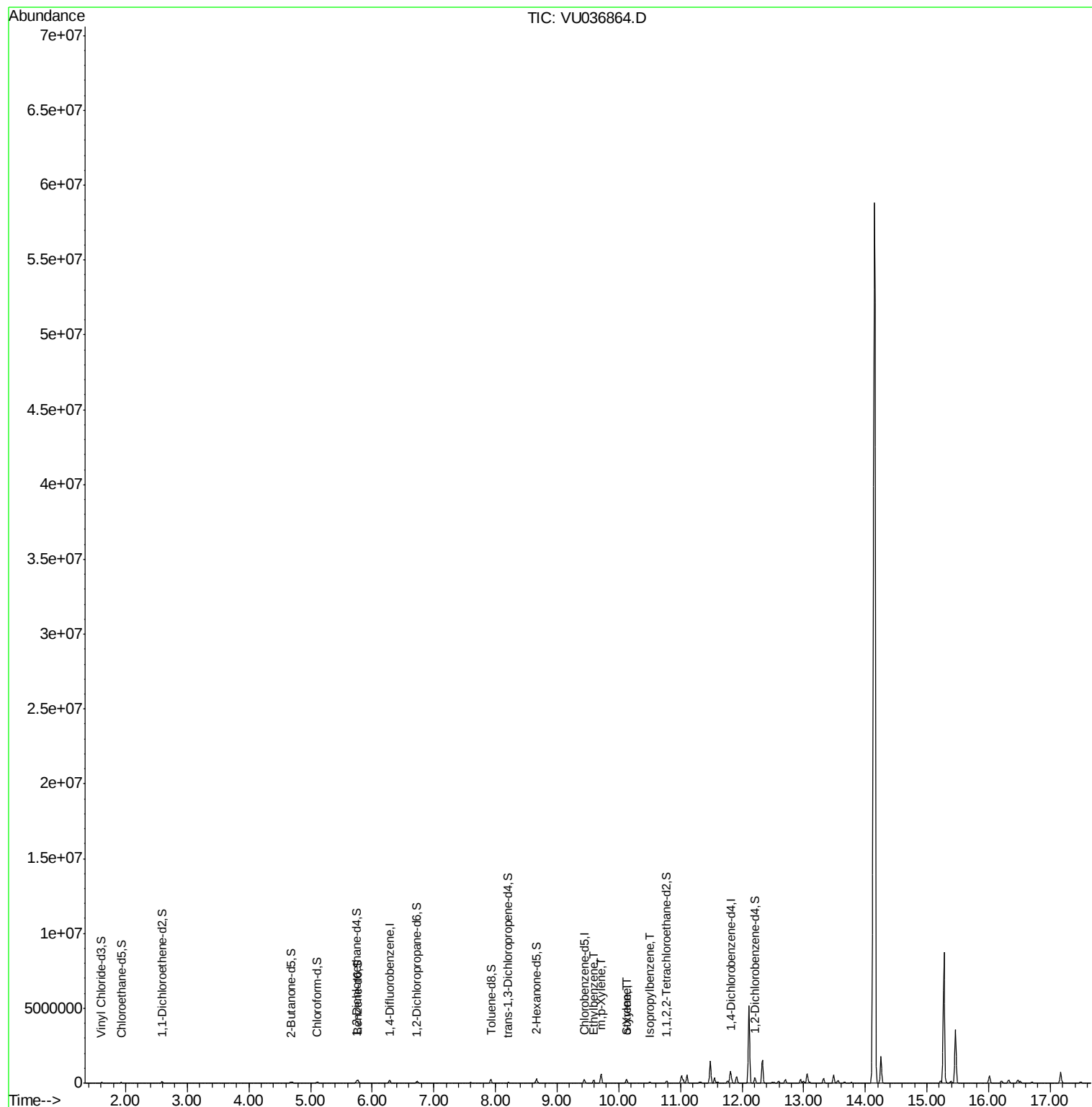
					Ovalue
52) Ethylbenzene	9.59	91	146017	3.009	ug/L 100
53) m,p-Xylene	9.71	106	156934	8.789	ug/L 95
54) o-Xylene	10.12	106	54578	3.113	ug/L 98
55) Styrene	10.13	104	35035	1.185	ug/L 88
56) Isopropylbenzene	10.50	105	34184	0.728	ug/L 98

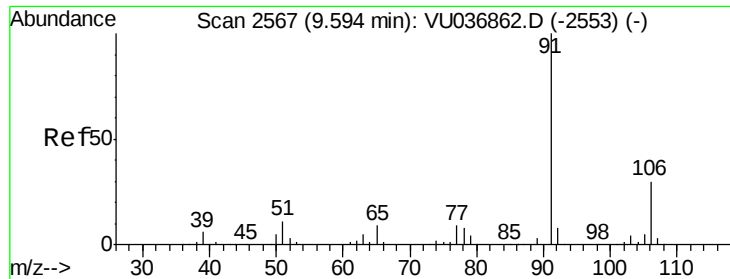
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 3.009 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU036864.D

Acq: 20 Feb 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

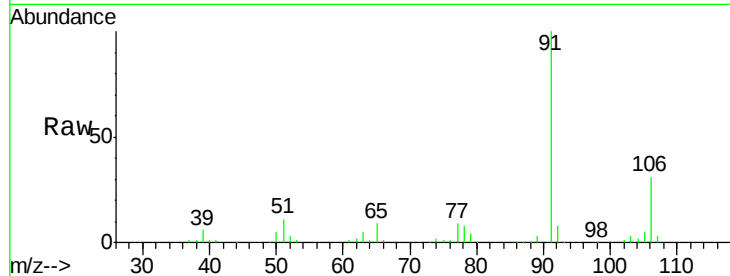
DBDJ7DL

Tot Ion: 91 Resp: 146017

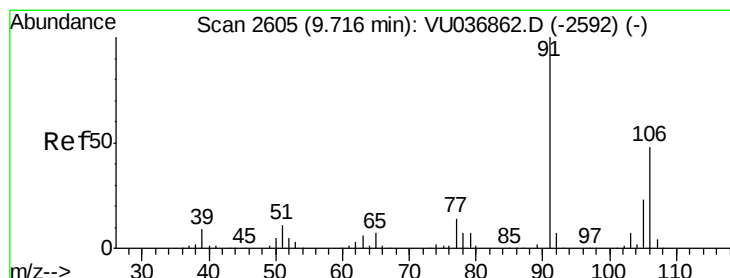
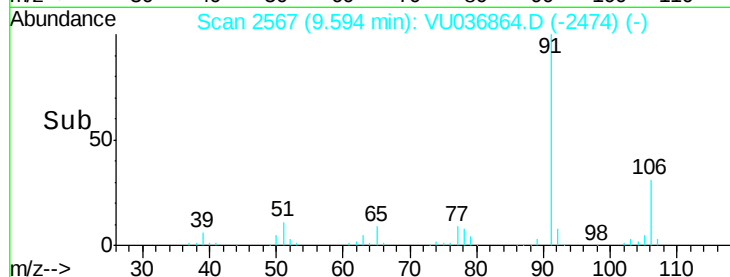
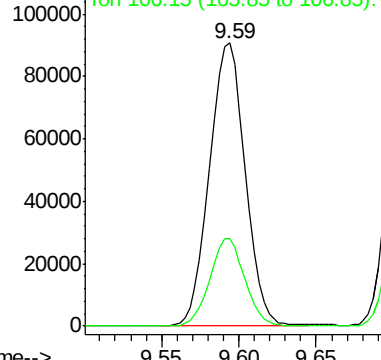
Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036864.D (-2474) (-)



#53

m,p-Xylene

Concen: 8.789 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036864.D

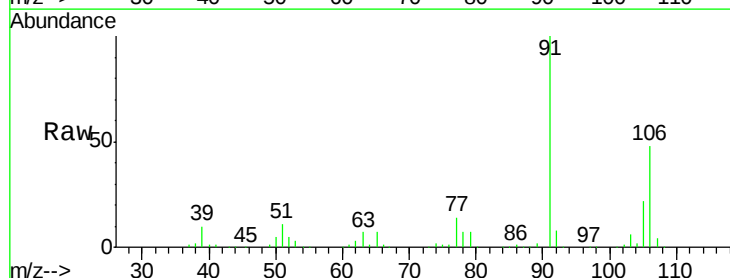
Acq: 20 Feb 2020 12:41

Tgt Ion: 106 Resp: 156934

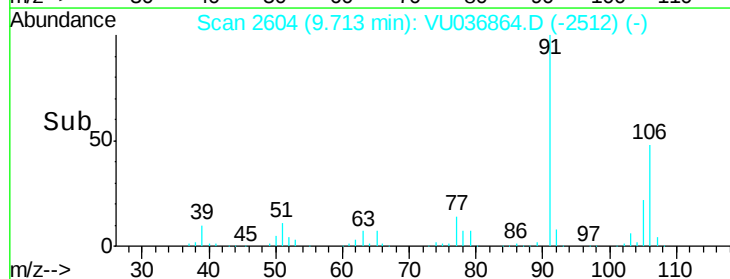
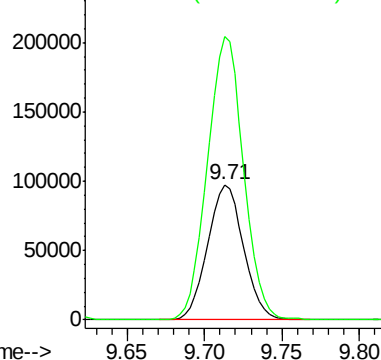
Ion Ratio Lower Upper

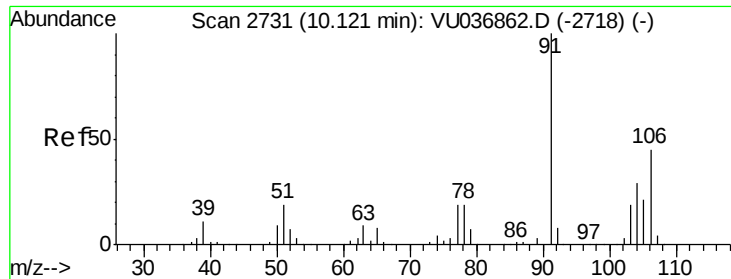
106 100

91 209.8 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036864.D (-2512) (-)

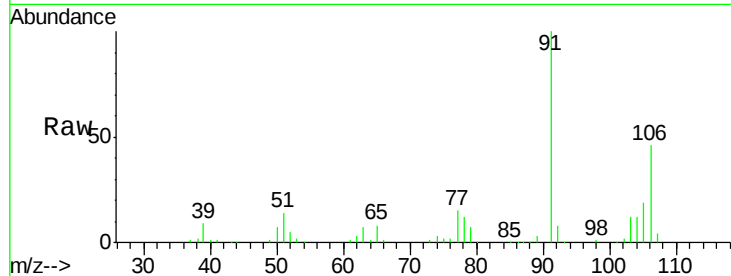




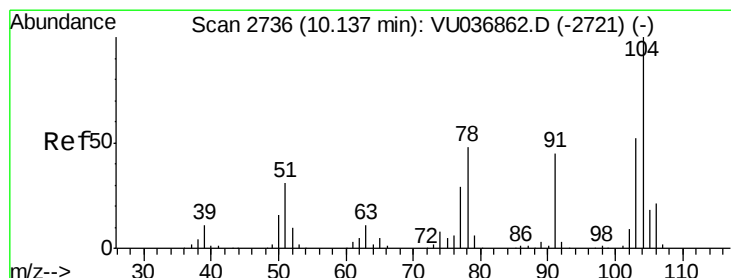
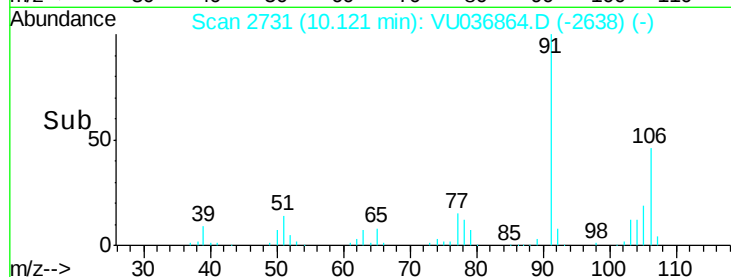
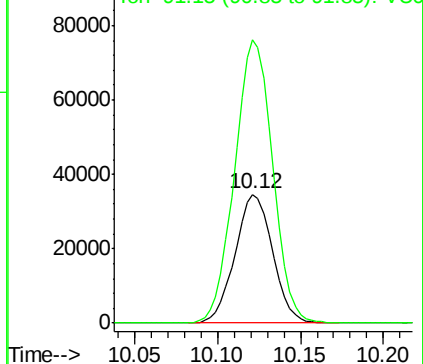
#54
o-Xylene
Concen: 3.113 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU036864.D
Acq: 20 Feb 2020 12:41

Instrument :
MSVOA_U
ClientSampleId :
DBDJ7DL

Tot Ion:106 Resp: 54578
Ion Ratio Lower Upper
106 100
91 219.5 151.1 280.5

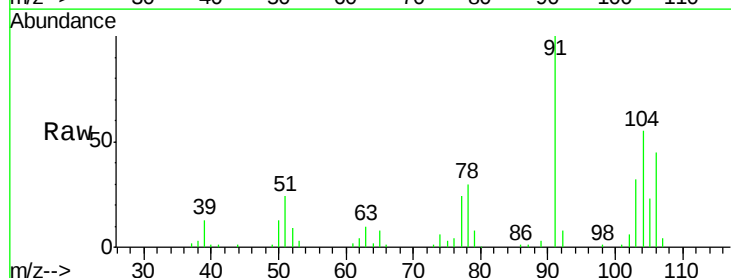


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

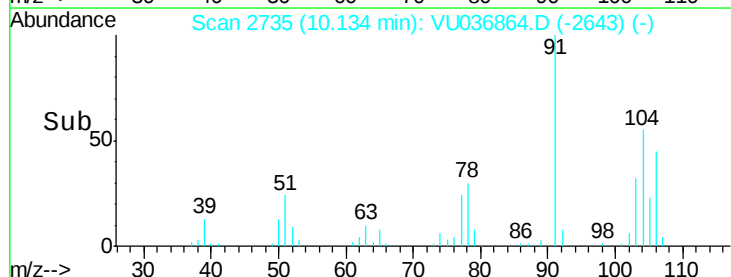
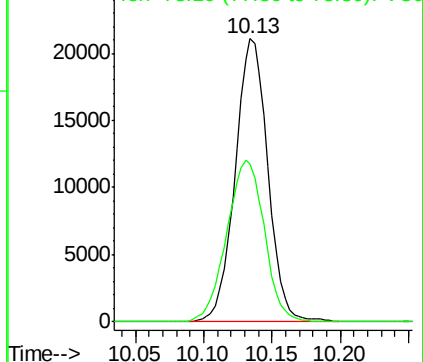


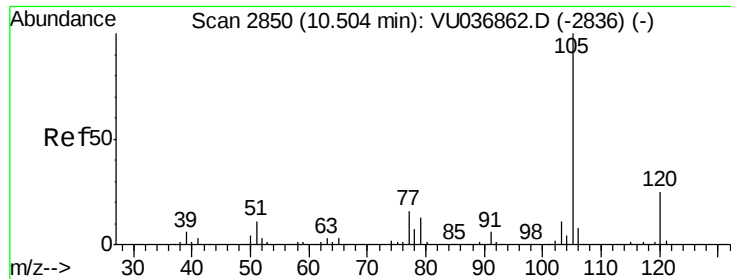
#55
Styrene
Concen: 1.185 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036864.D
Acq: 20 Feb 2020 12:41

Tgt Ion:104 Resp: 35035
Ion Ratio Lower Upper
104 100
78 55.8 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.728 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU036864.D

Acq: 20 Feb 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

DBDJ7DL

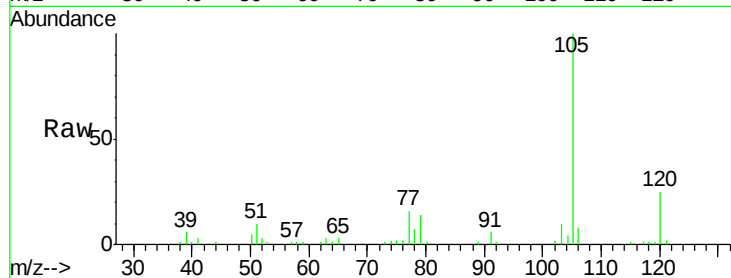
Tot Ion:105 Resp: 34184

Ion Ratio Lower Upper

105 100

120 23.9 20.5 30.7

77 15.9 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

