

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026342.D
 Acq On : 24 Aug 2018 18:39
 Operator : MD/SY
 Sample : J4644-06 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:28:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302121	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79211	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.44%
7) Chloroethane-d5	1.68	69	67878	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.64%
11) 1,1-Dichloroethene-d2	2.27	63	120971	32.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.06%
21) 2-Butanone-d5	4.18	46	151092	98.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.51%
24) Chloroform-d	4.65	84	188124	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.31	65	129180	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.34	84	369264	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.33	67	120956	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.22%
41) Toluene-d8	7.57	98	330737	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.85	79	57794	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.31	63	104595	94.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173286	45.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	145731	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%

Target Compounds

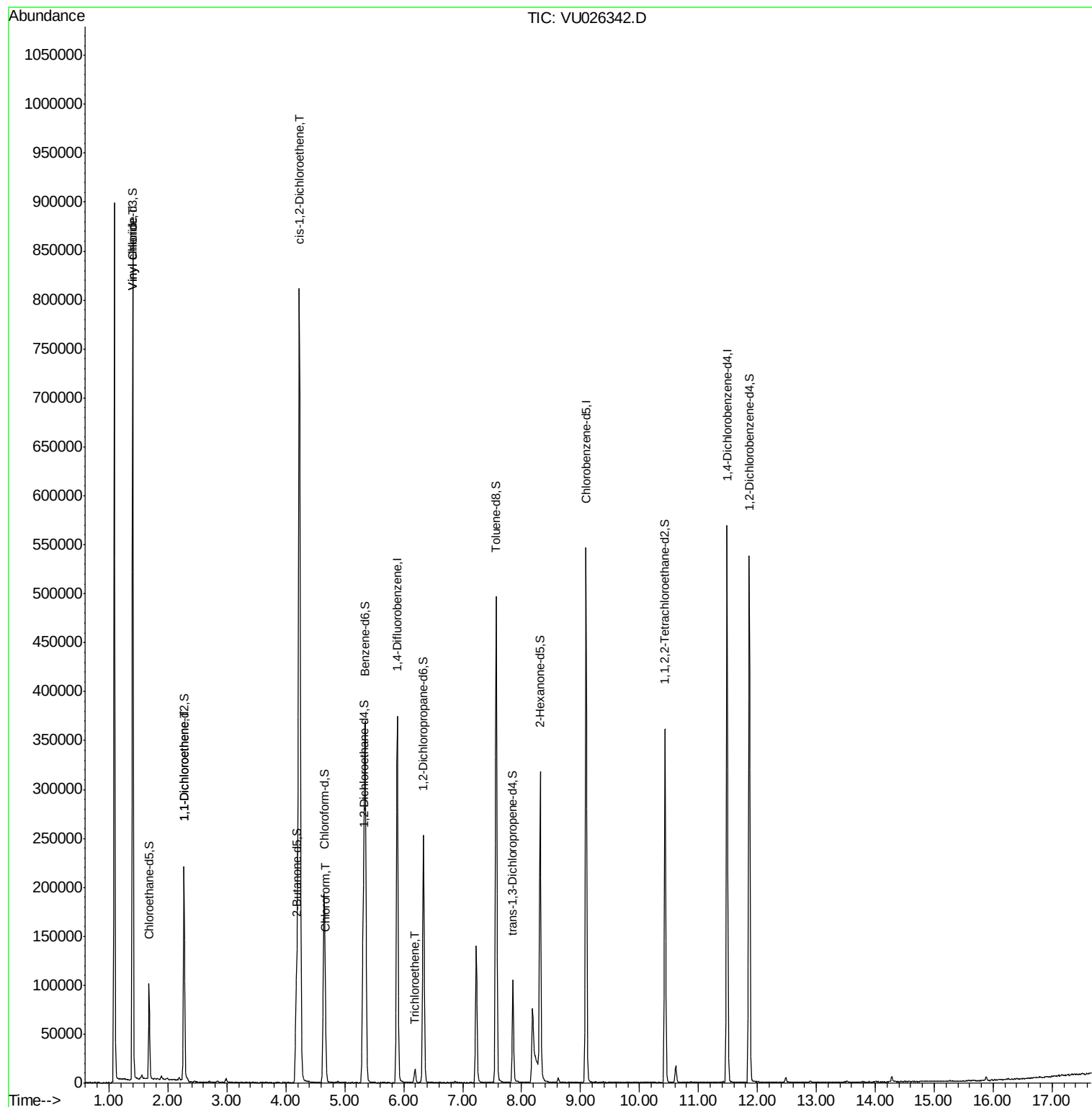
					Ovalue
5) Vinyl chloride	1.40	62	465235	202.443 ug/L	96
12) 1,1-Dichloroethene	2.28	96	2571	1.550 ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	459559	203.690 ug/L	96
25) Chloroform	4.68	83	5265	1.325 ug/L	95
34) Trichloroethene	6.19	95	4784	2.196 ug/L	93

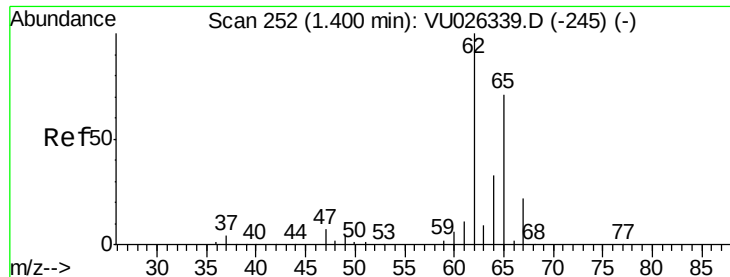
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 202.443 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026342.D

Acq: 24 Aug 2018 18:39

Instrument :

MSVOA_U

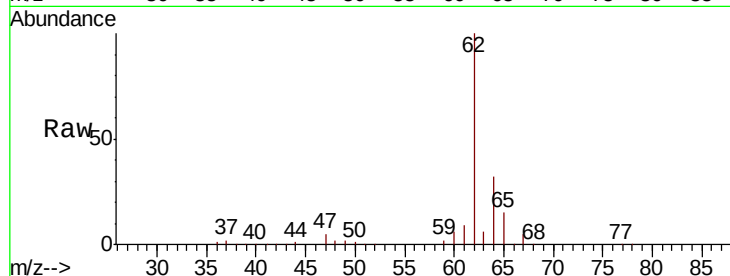
ClientSampled :

Tot Ion: 62 Resp: 465235

Ion Ratio Lower Upper

62 100

64 32.1 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

500000

400000

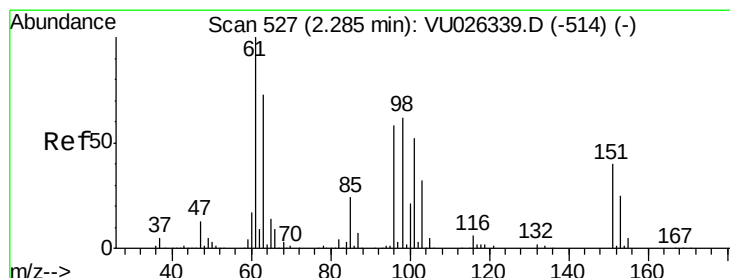
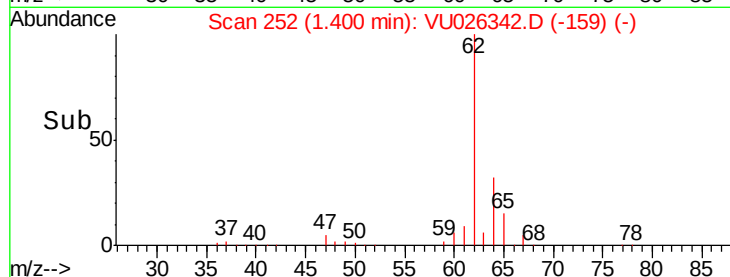
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.550 ug/L

RT: 2.28 min Scan# 525

Delta R.T. -0.01 min

Lab File: VU026342.D

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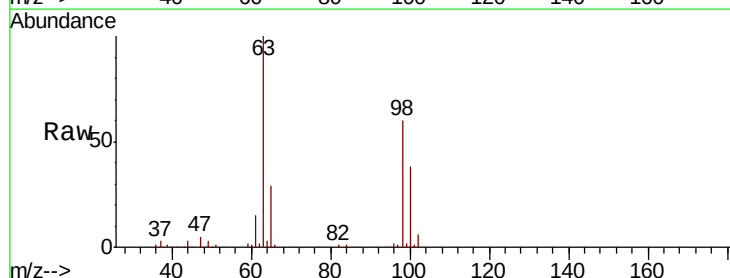
Tgt Ion: 96 Resp: 2571

Ion Ratio Lower Upper

96 100

61 661.3 124.7 231.5#

63 4464.1 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

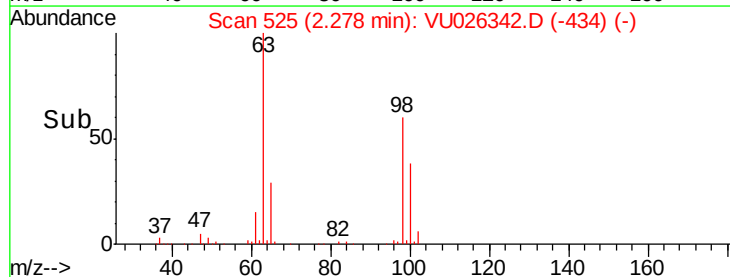
60000

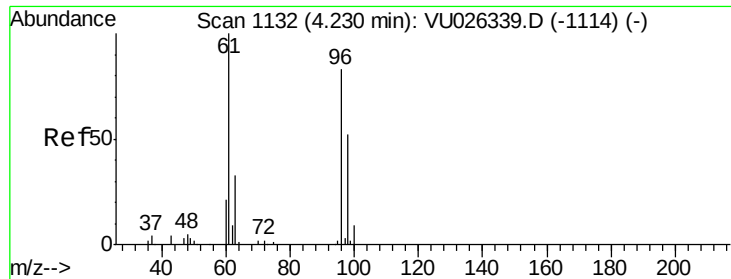
40000

20000

0

Time-->

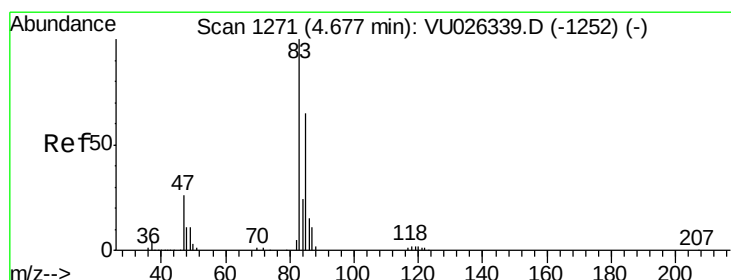
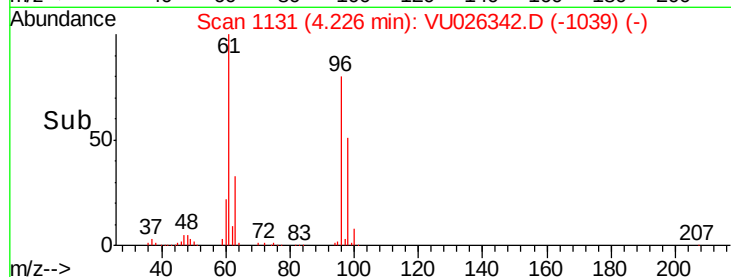
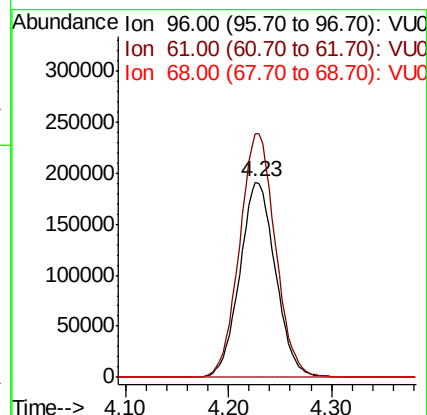
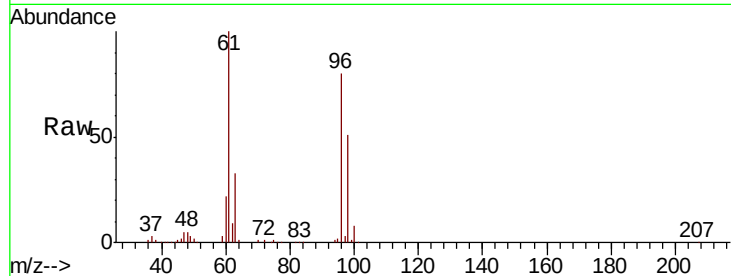




#20
 cis-1,2-Dichloroethene
 Concen: 203.690 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026342.D
 Acq: 24 Aug 2018 18:39

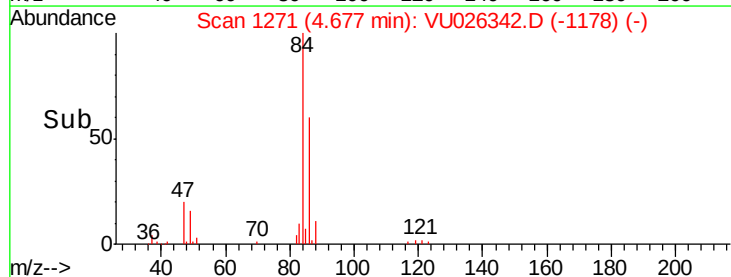
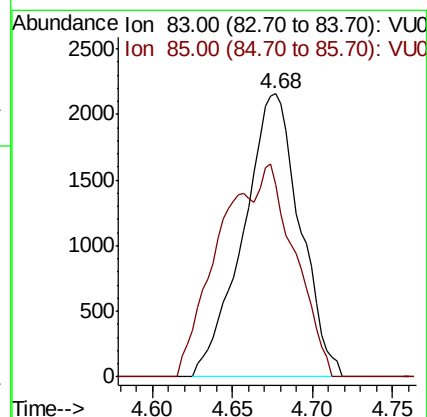
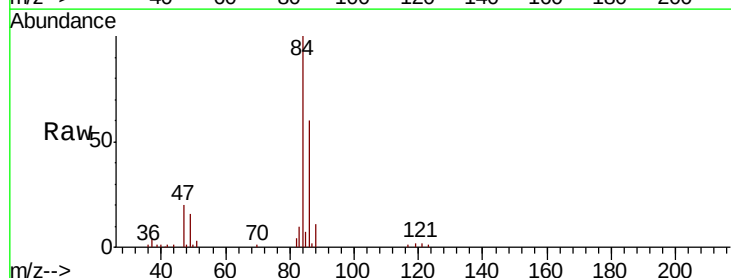
Instrument :
 MSVOA_U
 ClientSampled :

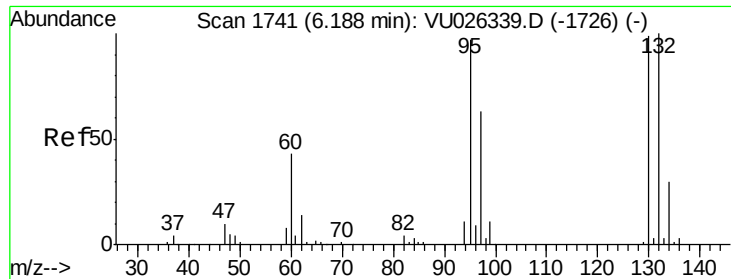
Tot Ion: 96 Resp: 459559
 Ion Ratio Lower Upper
 96 100
 61 124.7 90.3 167.7
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.325 ug/L
 RT: 4.68 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VU026342.D
 Acq: 24 Aug 2018 18:39

Tgt Ion: 83 Resp: 5265
 Ion Ratio Lower Upper
 83 100
 85 68.2 45.0 83.6





#34

Trichloroethene

Concen: 2.196 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026342.D

Acq: 24 Aug 2018 18:39

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 4784

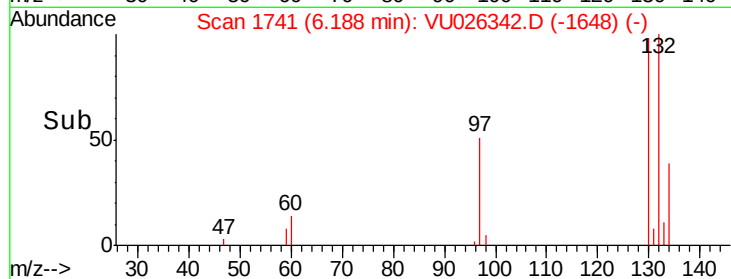
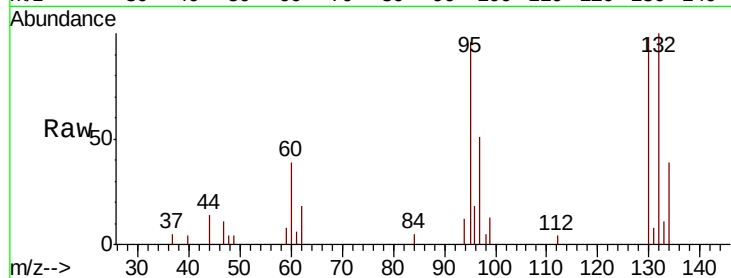
Ion Ratio Lower Upper

95 100

97 53.4 47.2 87.6

132 104.3 70.2 130.4

130 101.9 73.4 136.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

