

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026543.D
 Acq On : 05 Sep 2018 14:09
 Operator : MD/SY
 Sample : J4694-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE32

Quant Time: Sep 06 05:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39844	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.30%
7) Chloroethane-d5	1.68	69	39225	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.27	63	57587	25.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.26%#
21) 2-Butanone-d5	4.18	46	77599	98.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.25%
24) Chloroform-d	4.65	84	88217	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.31	65	60002	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.35	84	170266	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.33	67	60678	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.57	98	152612	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.85	79	15793	28.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.92%#
47) 2-Hexanone-d5	8.31	63	52955	95.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85071	47.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	60525	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

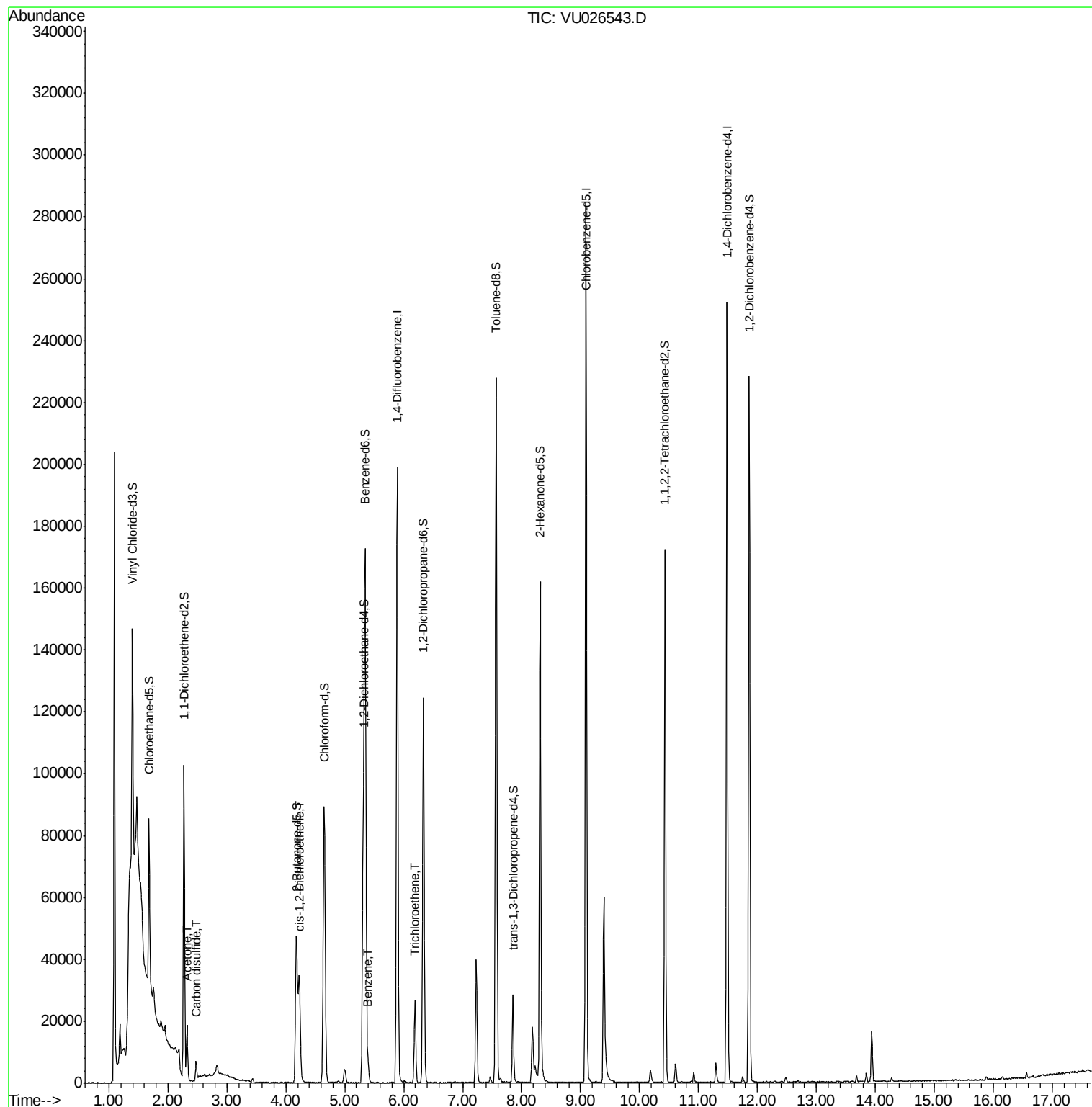
						Ovalue
13) Acetone	2.32	43	17735	25.93	ug/L	99
14) Carbon disulfide	2.48	76	8624	2.60	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	17318	14.58	ug/L	95
33) Benzene	5.39	78	6531	1.48	ug/L	100
34) Trichloroethene	6.19	95	9123	8.27	ug/L	93

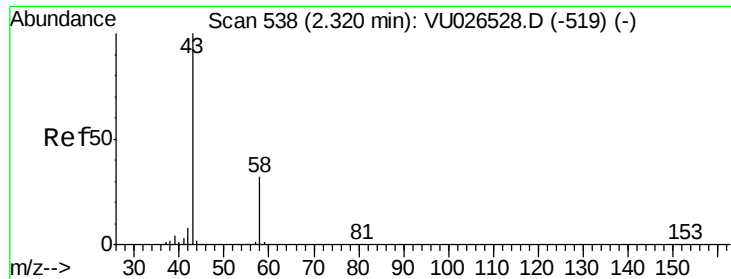
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.93 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

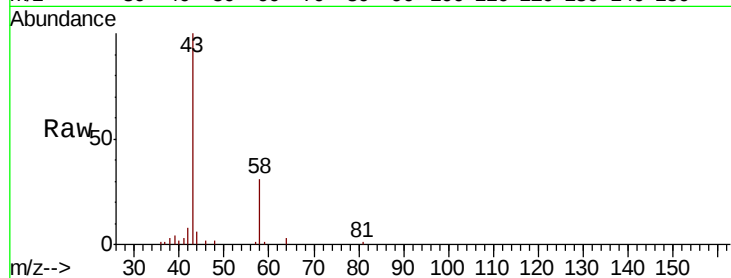
BEE32

Tot Ion: 43 Resp: 17735

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

12000

10000

8000

6000

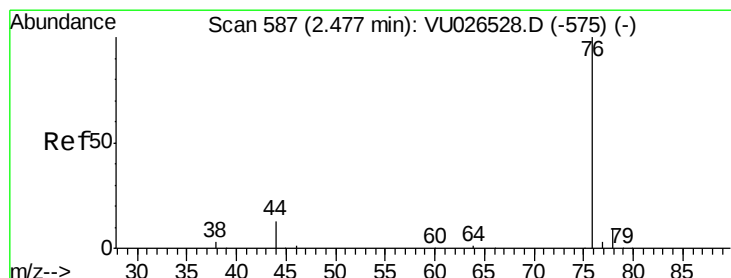
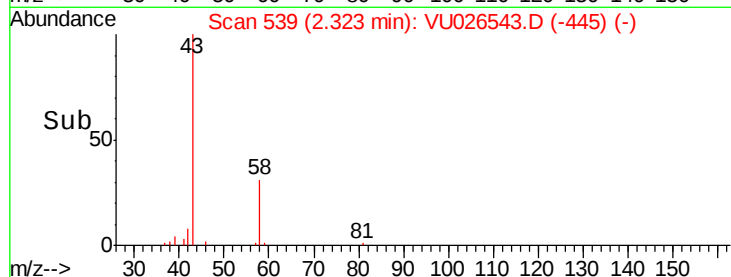
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#14

Carbon disulfide

Concen: 2.60 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

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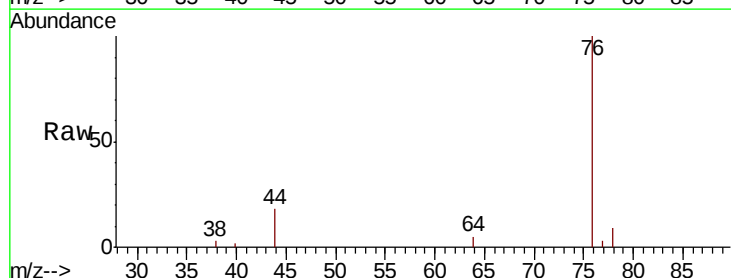
Acq: 05 Sep 2018 14:09

Tgt Ion: 76 Resp: 8624

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

6000

5000

4000

3000

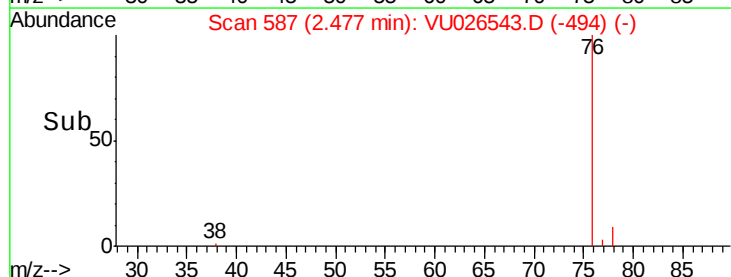
2000

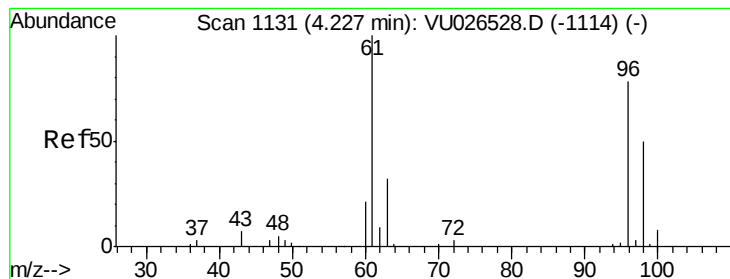
1000

0

2.45 2.50

Time-->





#20

cis-1,2-Dichloroethene

Concen: 14.58 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

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Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

BEE32

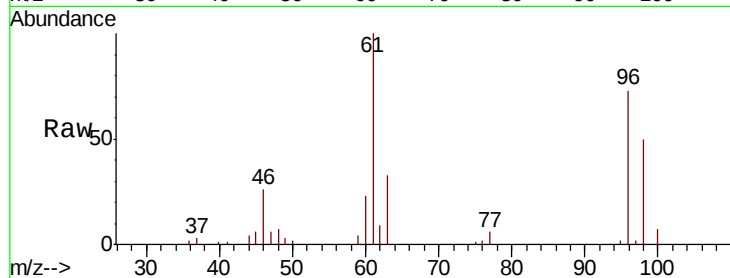
Tot Ion: 96 Resp: 17318

Ion Ratio Lower Upper

96 100

61 136.9 91.6 170.2

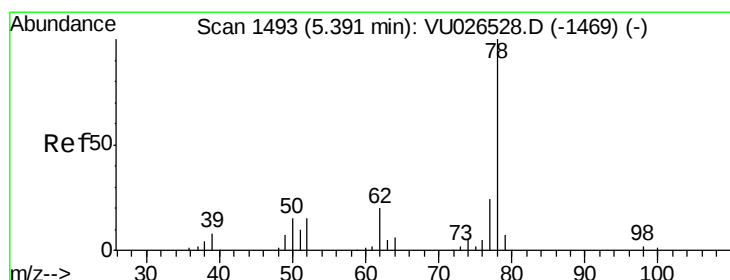
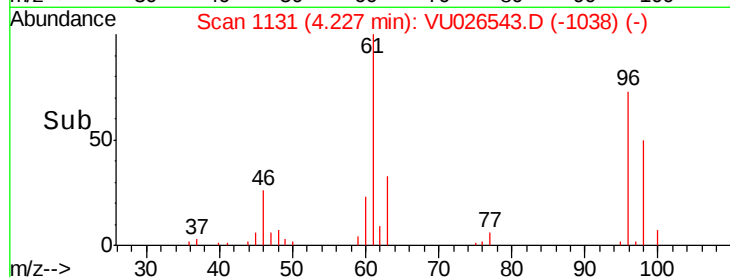
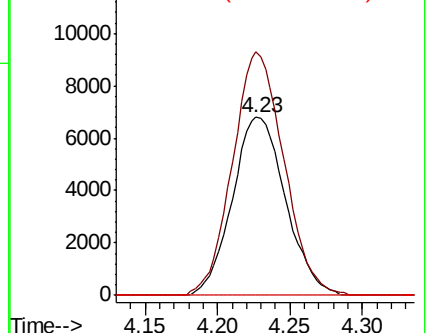
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#33

Benzene

Concen: 1.48 ug/L

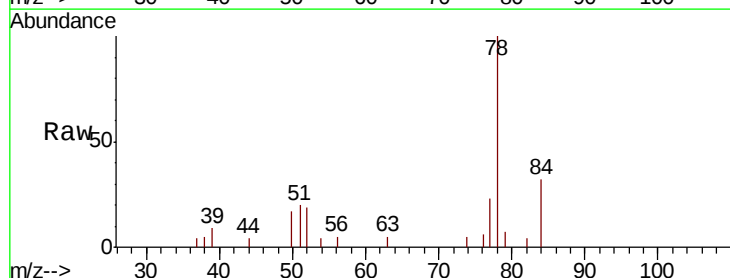
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

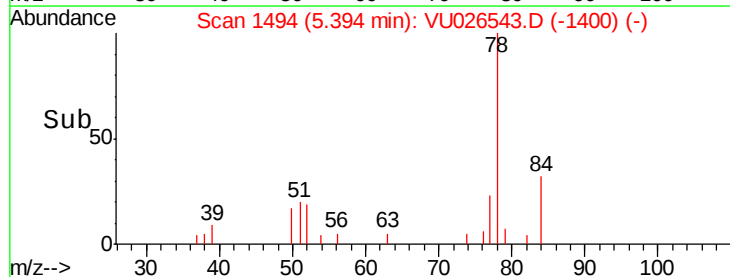
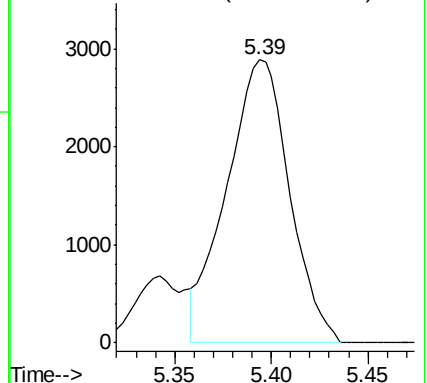
Lab File: VU026543.D

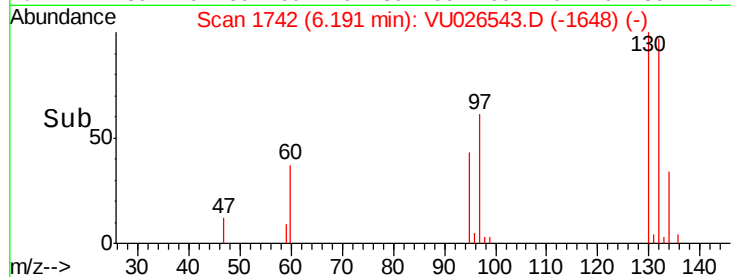
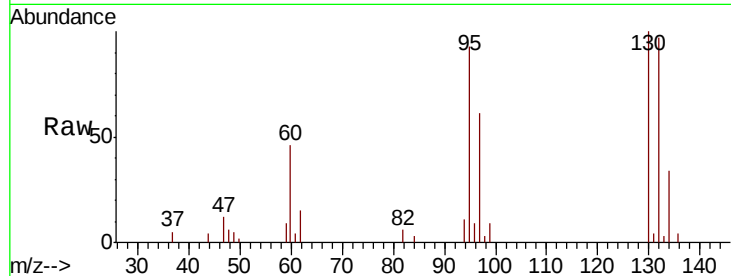
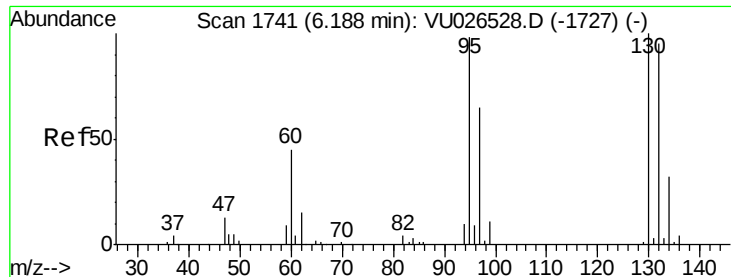
Acq: 05 Sep 2018 14:09

Tgt Ion: 78 Resp: 6531



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 8.27 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026543.D

Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

BEE32

Tot Ion: 95 Resp: 9123

Ion Ratio Lower Upper

95 100

97 66.2 45.1 83.7

132 104.4 67.5 125.3

130 107.7 69.3 128.7

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

