

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032822.D
 Acq On : 18 Jun 2019 14:23
 Operator : JC/SP
 Sample : K3363-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT8

Quant Time: Jun 19 04:21:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222781	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107773	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74597	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	62105	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.30%
11) 1,1-Dichloroethene-d2	2.27	63	115581	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.17	46	142399	112.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.37%
24) Chloroform-d	4.64	84	147643	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.30	65	103324	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.33	84	300315	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
36) 1,2-Dichloropropane-d6	6.32	67	97007	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.60%
41) Toluene-d8	7.56	98	279061	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%
43) trans-1,3-Dichloropropene-	7.84	79	42493	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.31	63	98655	117.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.19%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	141220	50.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	110624	53.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.08%

Target Compounds

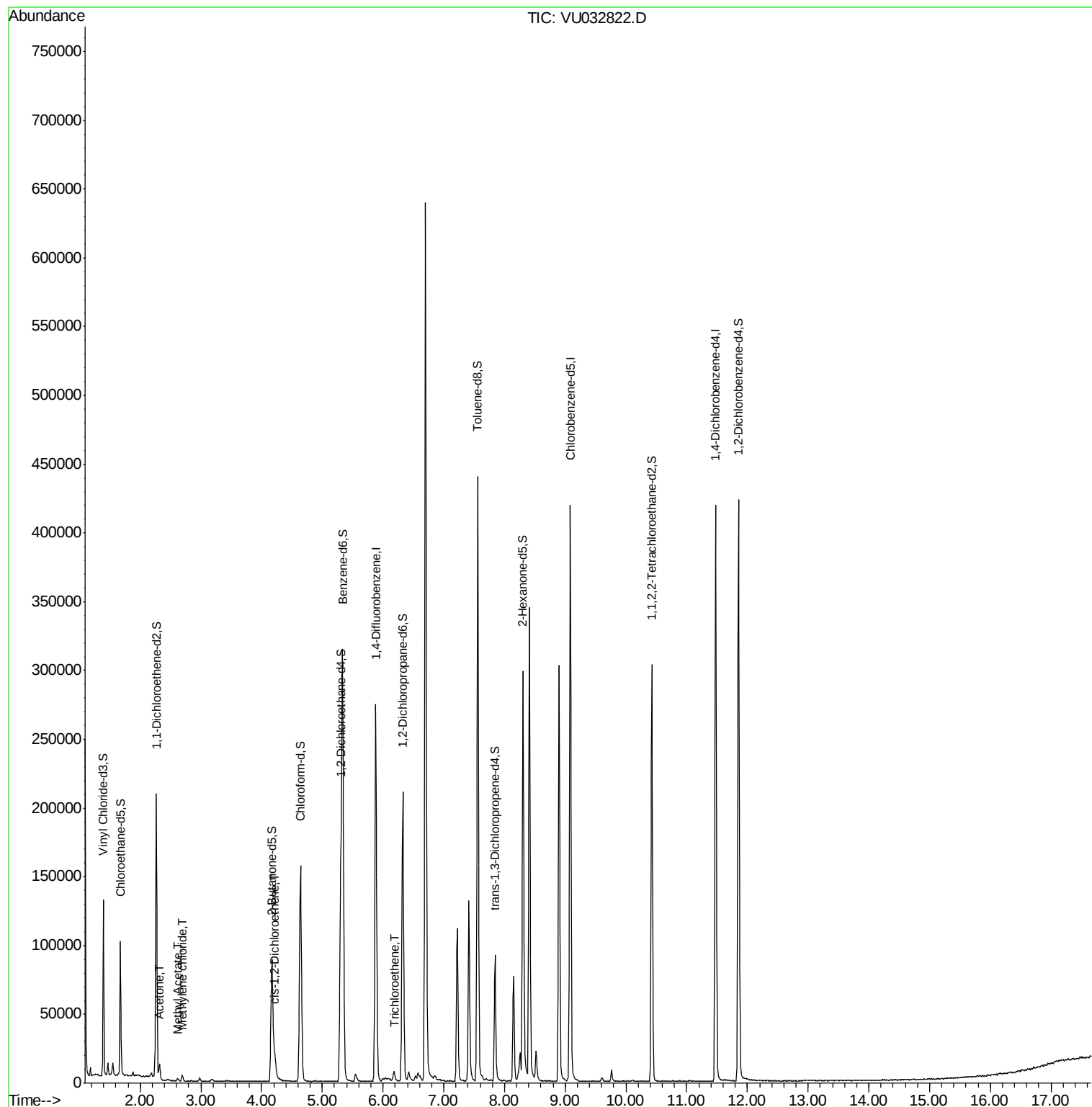
					Ovalue
13) Acetone	2.32	43	10735	6.133 ug/L	99
15) Methyl Acetate	2.62	43	2326	1.172 ug/L #	83
16) Methylene chloride	2.70	84	1988	1.208 ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	6824	4.117 ug/L	94
34) Trichloroethene	6.18	95	2107	1.261 ug/L	95

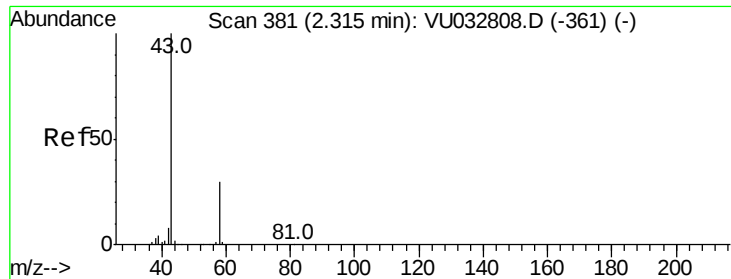
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.133 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032822.D

Acq: 18 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

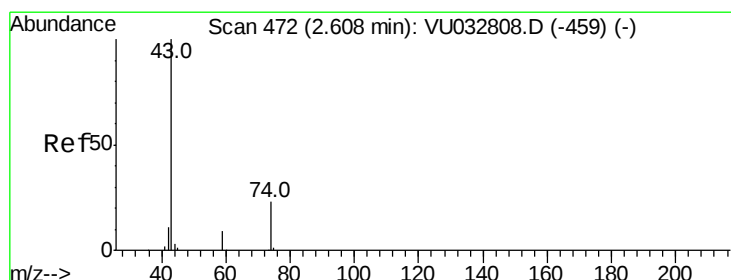
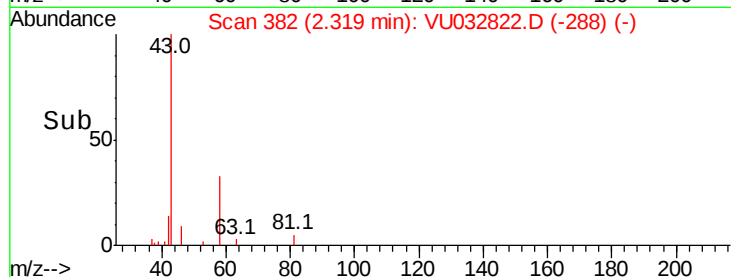
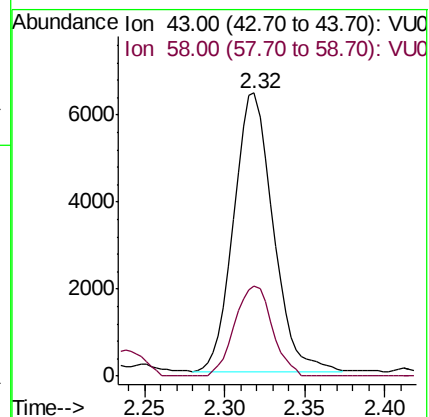
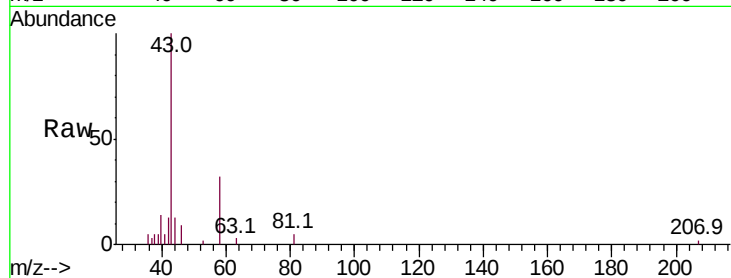
C0JT8

Tot Ion: 43 Resp: 10735

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.6



#15

Methyl Acetate

Concen: 1.172 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032822.D

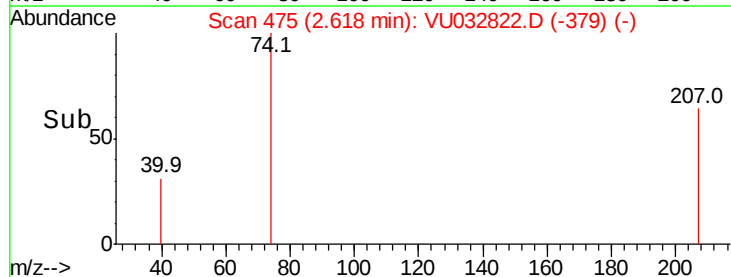
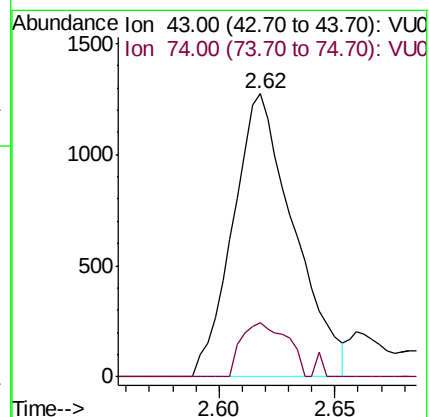
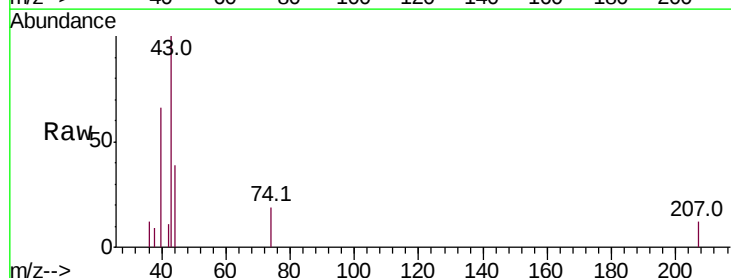
Acq: 18 Jun 2019 14:23

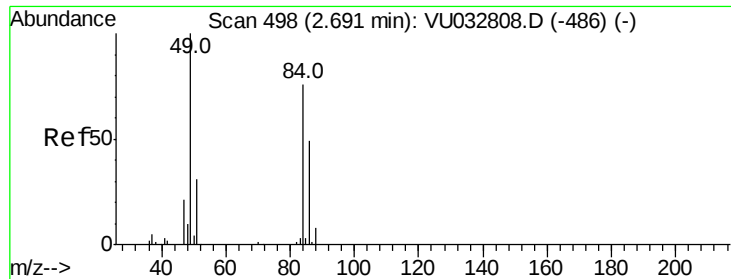
Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

74 14.3 18.1 27.1#

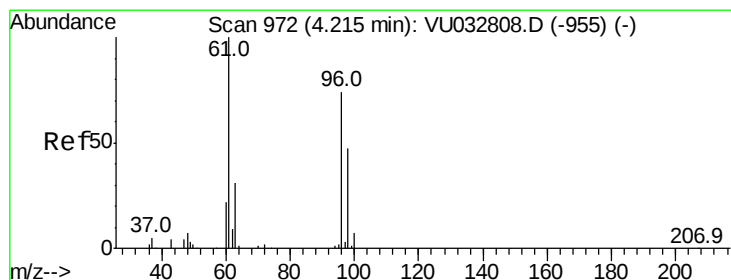
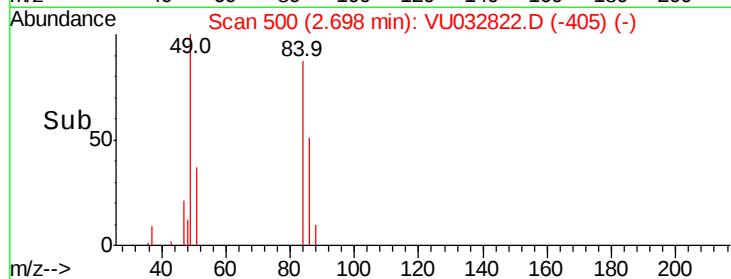
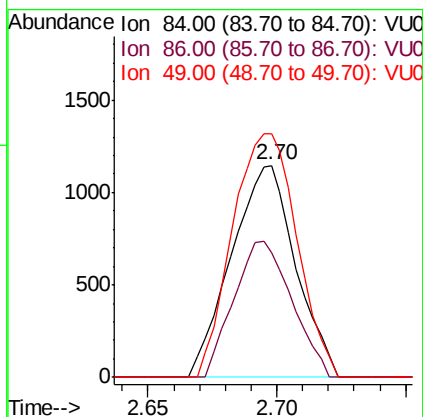
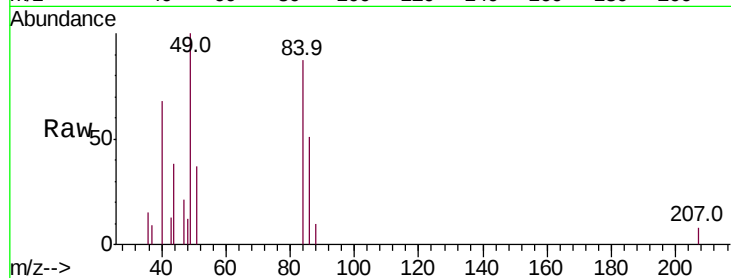




#16
Methylene chloride
Concen: 1.208 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032822.D
Acq: 18 Jun 2019 14:23

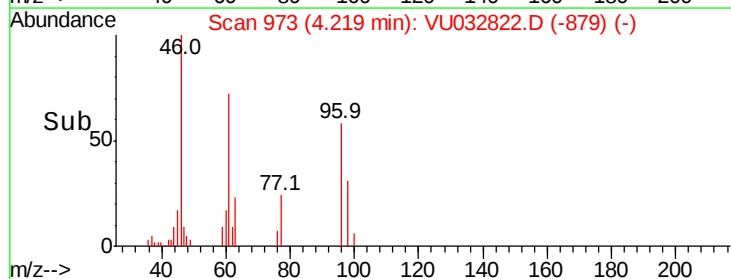
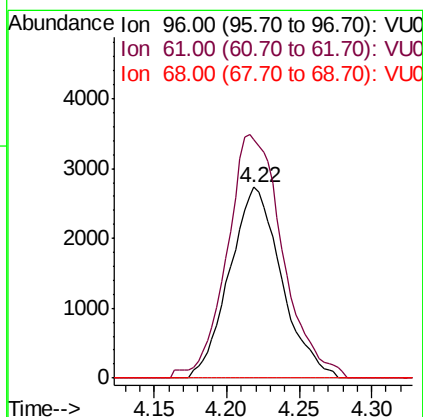
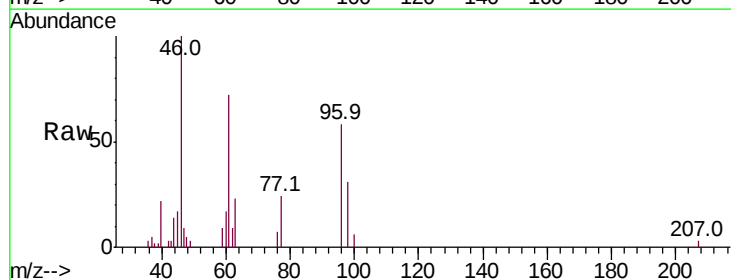
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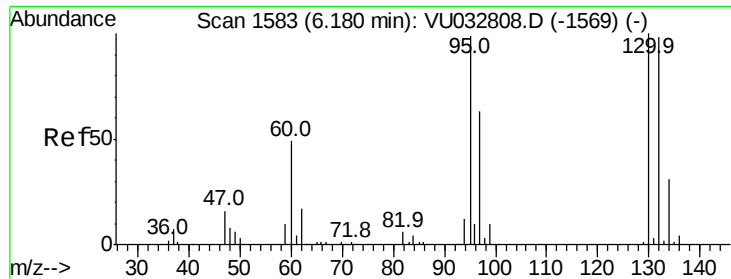
Tot Ion: 84 Resp: 1988
Ion Ratio Lower Upper
84 100
86 59.0 45.5 84.5
49 115.0 92.1 171.1



#20
cis-1,2-Dichloroethene
Concen: 4.117 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032822.D
Acq: 18 Jun 2019 14:23

Tgt Ion: 96 Resp: 6824
Ion Ratio Lower Upper
96 100
61 124.8 92.4 171.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.261 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032822.D

Acq: 18 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

C0JT8

Tot Ion: 95 Resp: 2107

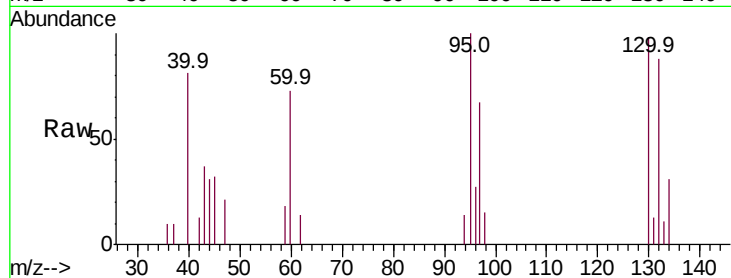
Ion Ratio Lower Upper

95 100

97 67.0 45.9 85.3

132 88.3 68.5 127.3

130 97.6 70.8 131.4



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

