

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032795.D
 Acq On : 17 Jun 2019 20:07
 Operator : JC/SP
 Sample : K3324-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR6

Quant Time: Jun 18 04:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227536	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221768	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60505	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.82%
7) Chloroethane-d5	1.68	69	53241	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.27	63	96499	30.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.60%
21) 2-Butanone-d5	4.17	46	140557	108.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	4.64	84	134241	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.30	65	93442	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.33	84	258572	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.32	67	85883	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.26%
41) Toluene-d8	7.56	98	236243	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.84	79	41164	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	8.31	63	102416	119.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.10%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	131558	46.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	102184	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds

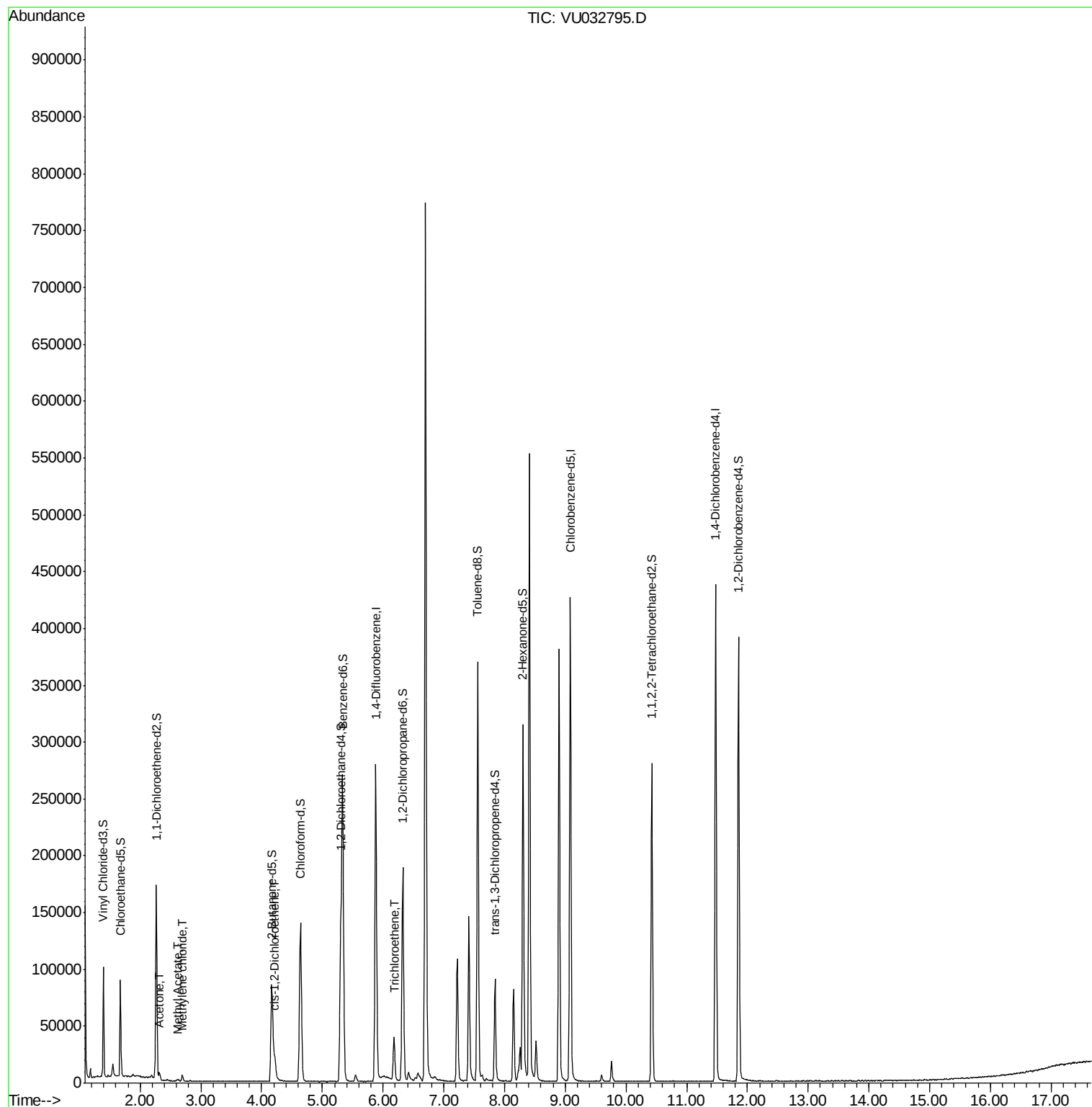
					Ovalue
13) Acetone	2.32	43	6124	3.426 ug/L	93
15) Methyl Acetate	2.62	43	2438	1.203 ug/L	92
16) Methylene chloride	2.69	84	2191	1.303 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	7751	4.579 ug/L	92
34) Trichloroethene	6.18	95	12268	7.187 ug/L	95

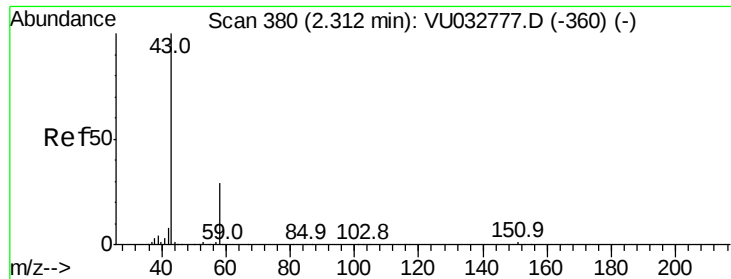
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.426 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

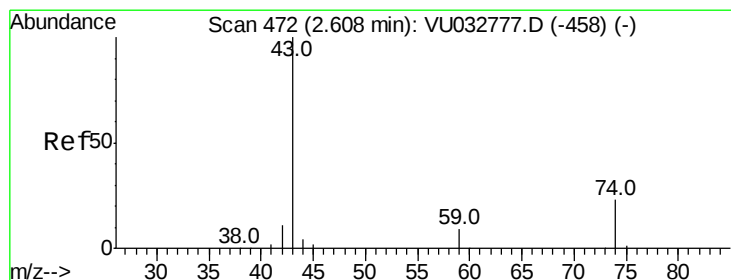
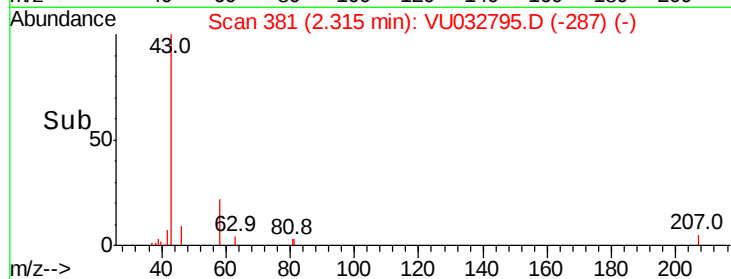
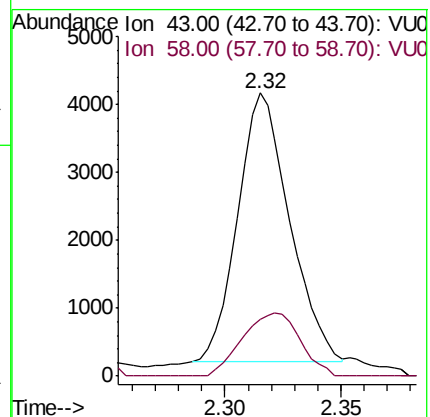
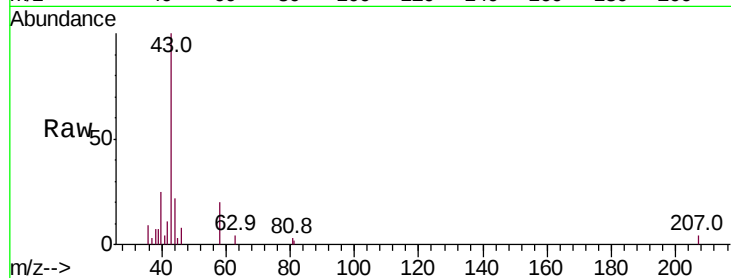
C0JR6

Tot Ion: 43 Resp: 6124

Ion Ratio Lower Upper

43 100

58 26.5 0.0 60.6



#15

Methyl Acetate

Concen: 1.203 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032795.D

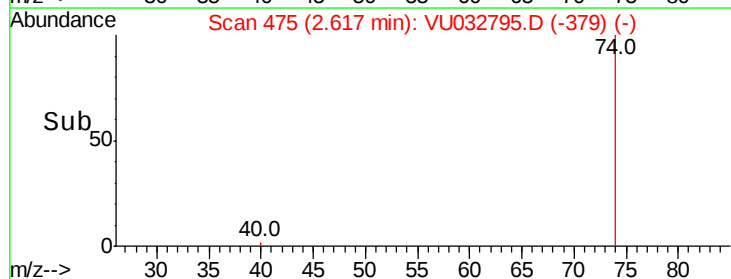
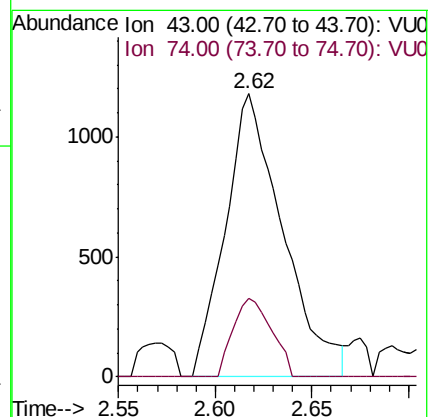
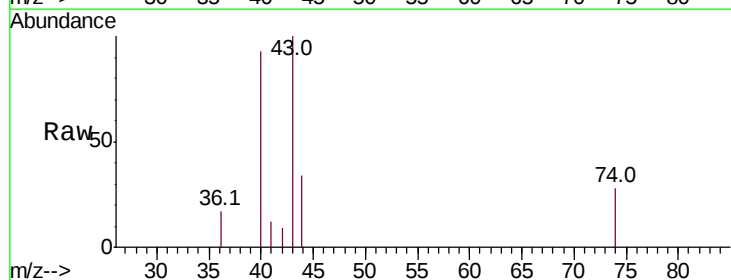
Acq: 17 Jun 2019 20:07

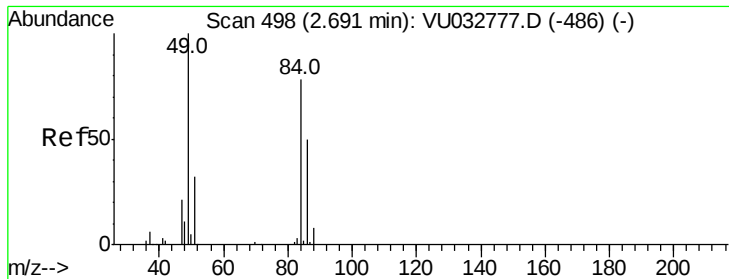
Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

43 100

74 18.7 18.1 27.1

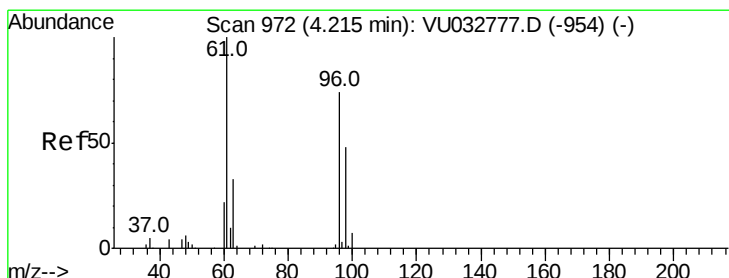
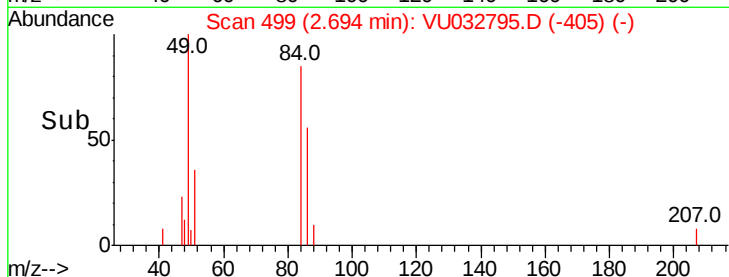
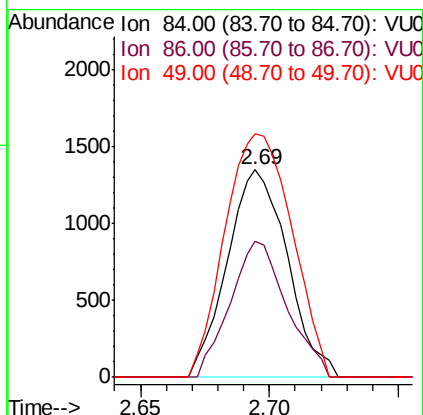
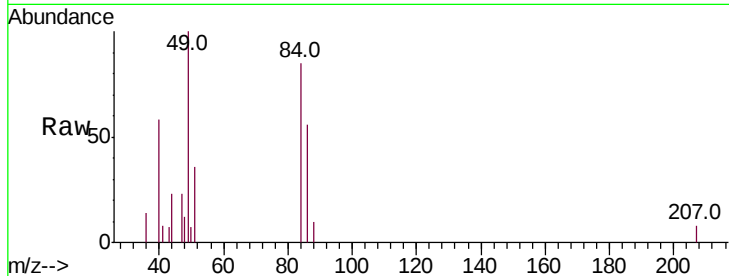




#16
Methvlene chloride
Concen: 1.303 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032795.D
Acq: 17 Jun 2019 20:07

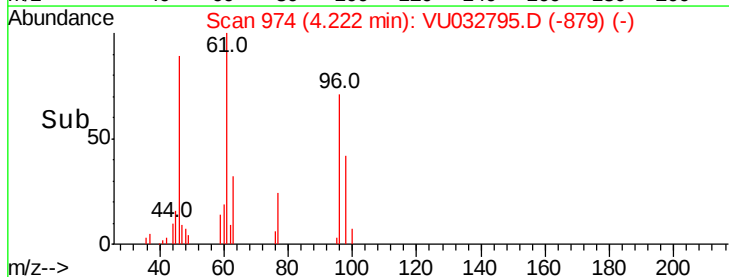
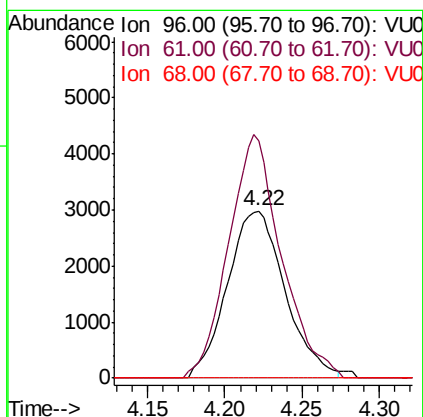
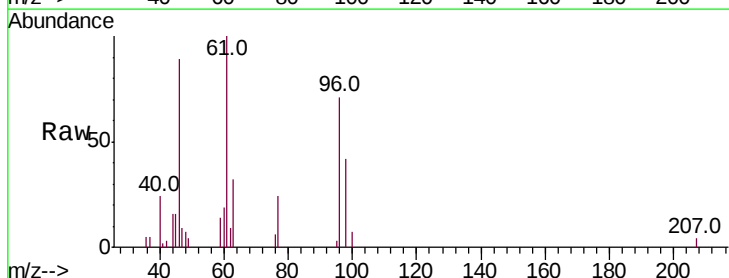
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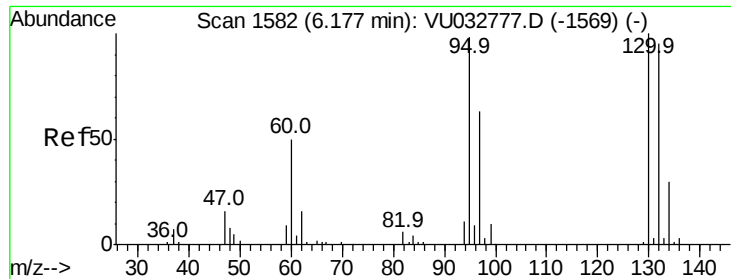
Tot Ion: 84 Resp: 2191
Ion Ratio Lower Upper
84 100
86 65.6 45.5 84.5
49 117.5 92.1 171.1



#20
cis-1,2-Dichloroethene
Concen: 4.579 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032795.D
Acq: 17 Jun 2019 20:07

Tgt Ion: 96 Resp: 7751
Ion Ratio Lower Upper
96 100
61 141.5 92.4 171.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.187 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0JR6

Tot Ion: 95 Resp: 12268

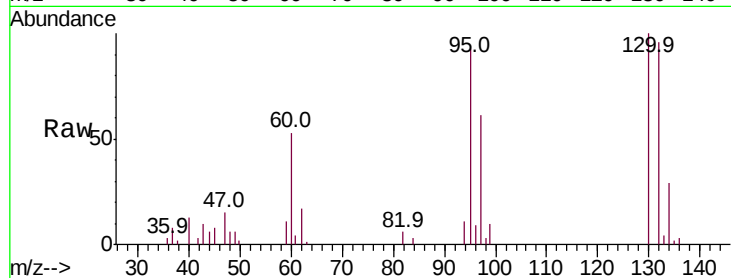
Ion Ratio Lower Upper

95 100

97 66.1 45.9 85.3

132 103.8 68.5 127.3

130 107.6 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

