

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035064.D
 Acq On : 10 Oct 2019 21:50
 Operator : JC/SP
 Sample : K5309-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191005-01

Quant Time: Oct 11 05:46:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	157229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37299	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.67	69	38481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	55861	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.18	46	164058	59.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	4.62	84	89499	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.29	65	53839	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.32	84	169472	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.31	67	62478	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.55	98	145746	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.84	79	17888	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.30	63	121466	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56758	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	59177	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

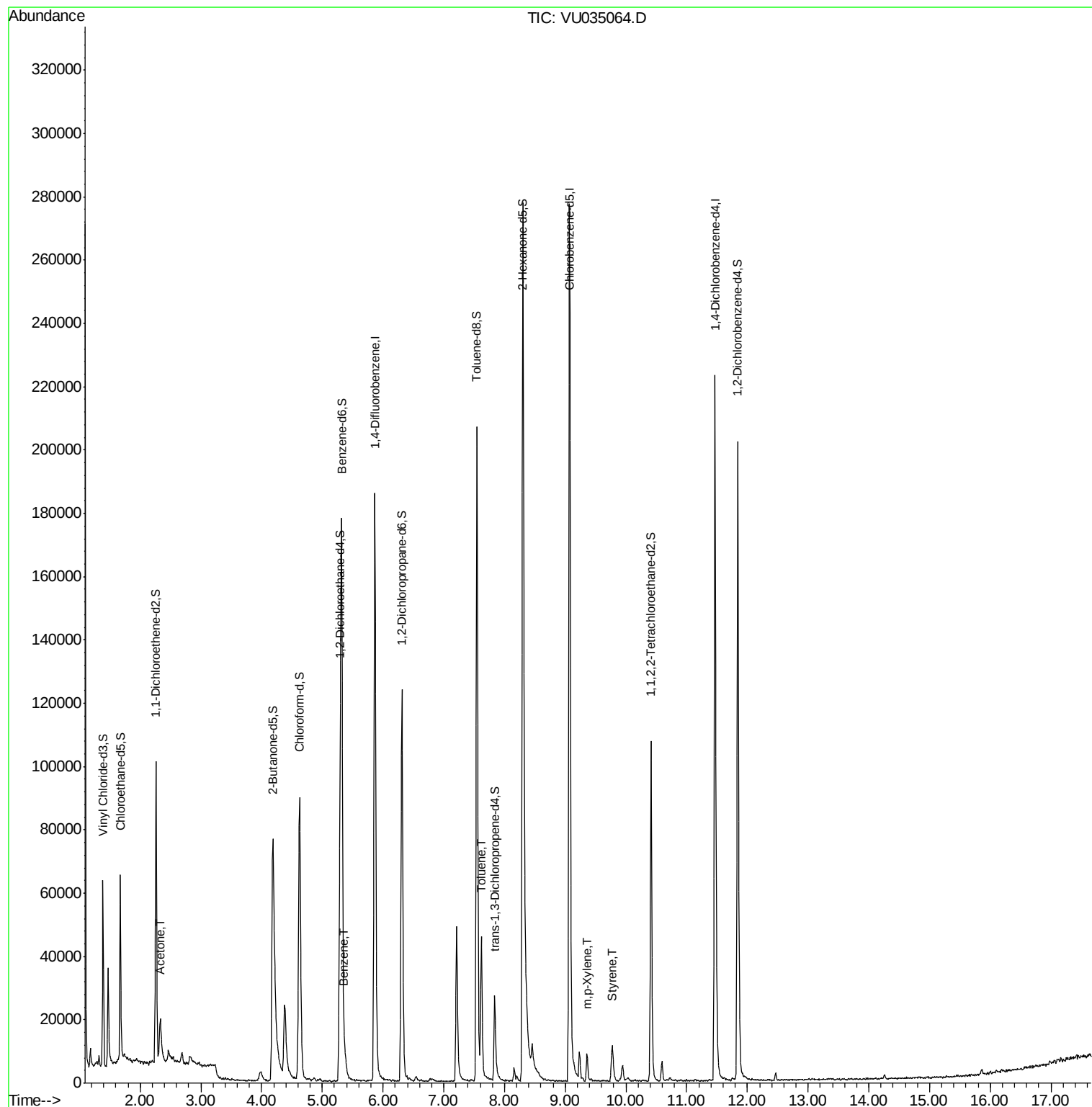
					Ovalue
13) Acetone	2.33	43	24996	11.151	ug/L 92
33) Benzene	5.37	78	5752	0.117	ug/L 100
42) Toluene	7.62	91	33497	0.650	ug/L 96
53) m,p-Xylene	9.36	106	2841	0.135	ug/L 96
55) Styrene	9.78	104	4752	0.143	ug/L 88

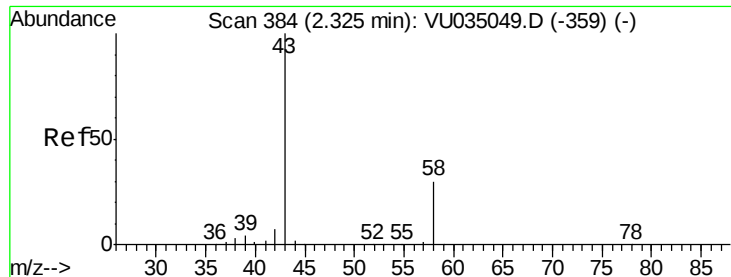
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.151 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

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ClientSampleId :

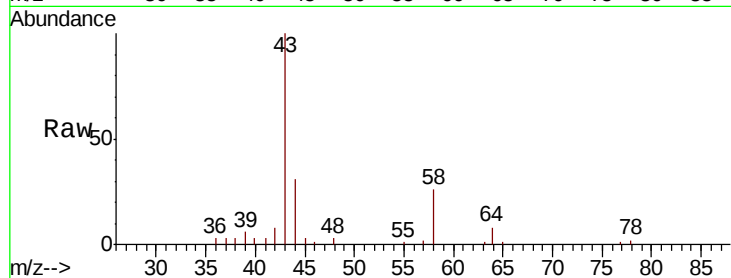
RB-2-191005-01

Tot Ion: 43 Resp: 24996

Ion Ratio Lower Upper

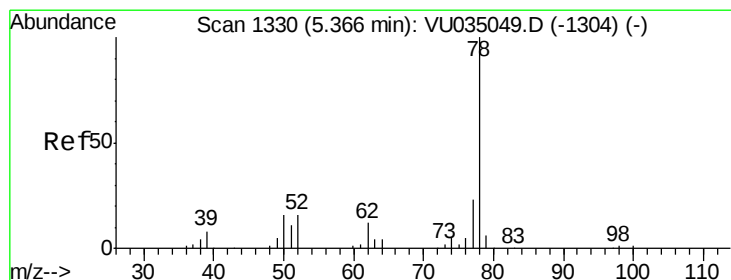
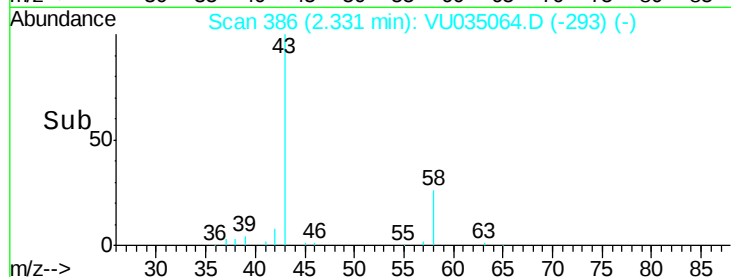
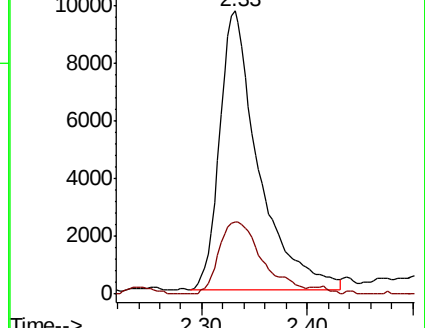
43 100

58 28.7 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)



#33

Benzene

Concen: 0.117 ug/L

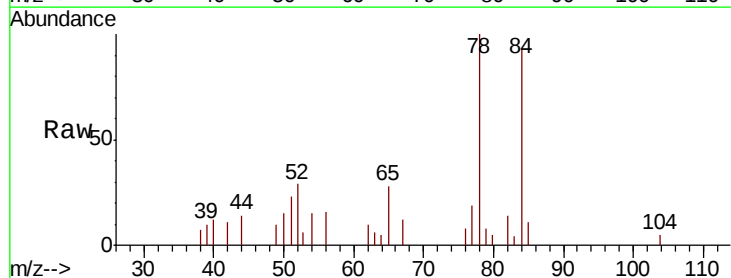
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU035064.D

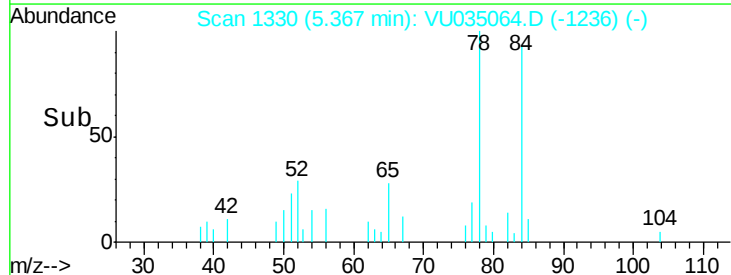
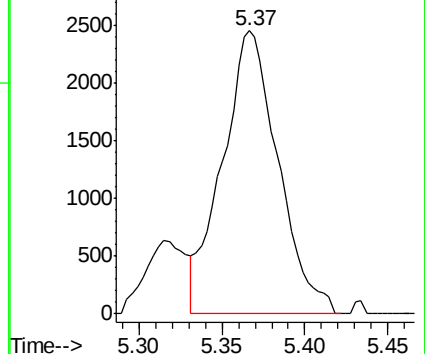
Acq: 10 Oct 2019 21:50

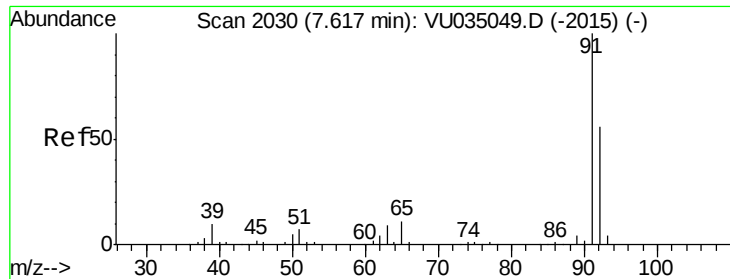
Tgt Ion: 78 Resp: 5752



Abundance Ion 78.10 (77.80 to 78.80): VU035049.D (-1304) (-)

Ion 84.10 (83.80 to 84.40): VU035049.D (-1304) (-)





#42

Toluene

Concen: 0.650 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

Instrument :

MSVOA_U

ClientSampleId :

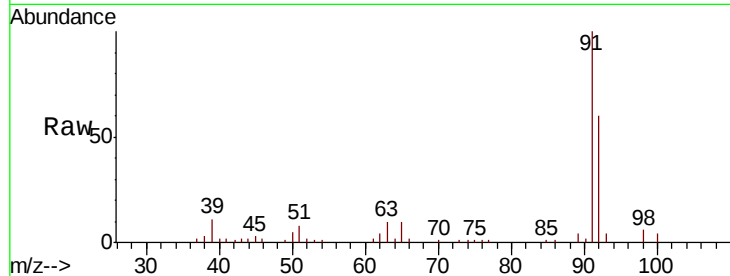
RB-2-191005-01

Tot Ion: 91 Resp: 33497

Ion Ratio Lower Upper

91 100

92 59.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)

7.62

15000

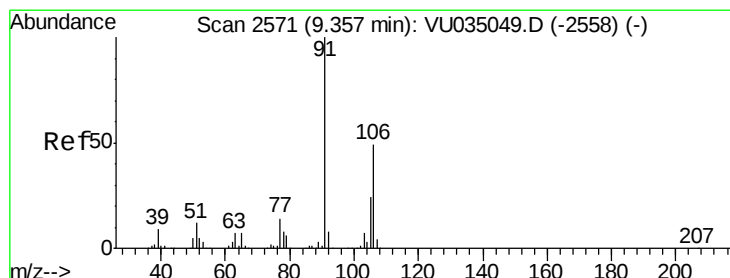
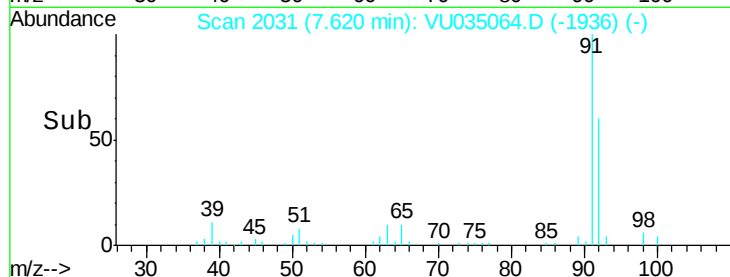
10000

5000

0

7.55 7.60 7.65 7.70

Time-->



#53

m,p-Xylene

Concen: 0.135 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035064.D

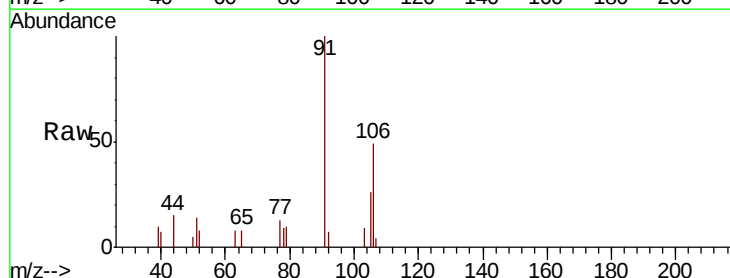
Acq: 10 Oct 2019 21:50

Tgt Ion: 106 Resp: 2841

Ion Ratio Lower Upper

106 100

91 205.1 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035049.D (-2558) (-)

Ion 91.15 (90.85 to 91.85): VU035049.D (-2558) (-)

9.36

3000

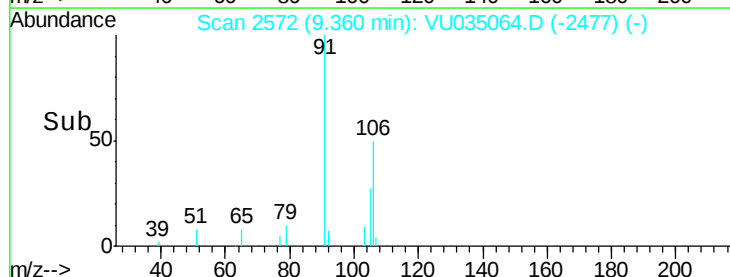
2000

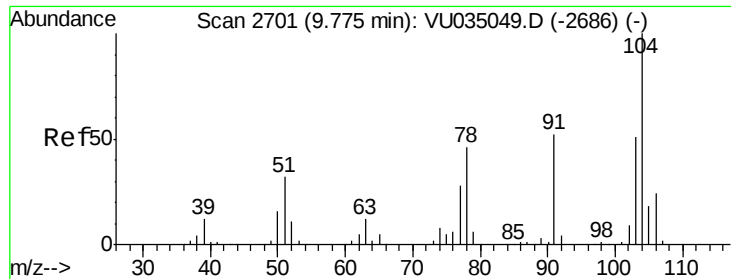
1000

0

9.30 9.35 9.40

Time-->





#55

Stvrene

Concen: 0.143 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.01 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

Instrument :

MSVOA_U

ClientSampleId :

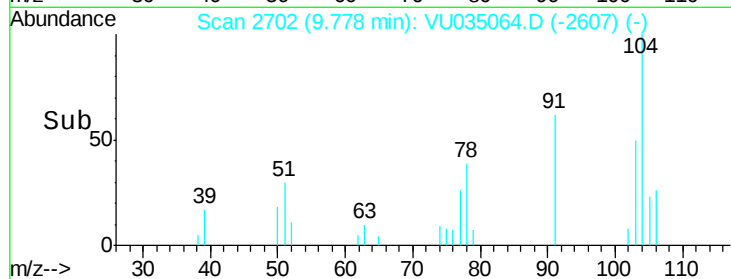
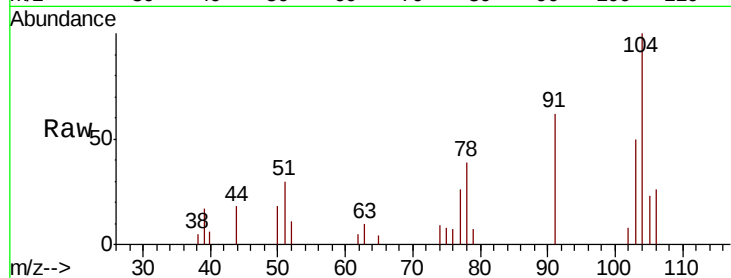
RB-2-191005-01

Tot Ion:104 Resp: 4752

Ion Ratio Lower Upper

104 100

78 39.1 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

