

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041367.D
 Acq On : 20 Nov 2020 15:12
 Operator : SY/MD
 Sample : L4849-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4409

Quant Time: Nov 21 03:41:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16149	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.92	69	16890	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.57	63	29673	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.64	46	78793	44.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.08%
24) Chloroform-d	5.08	84	51088	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.72	65	32169	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	87272	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.70	67	30392	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.90	98	69911	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	11595	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	52192	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25973	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27039	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

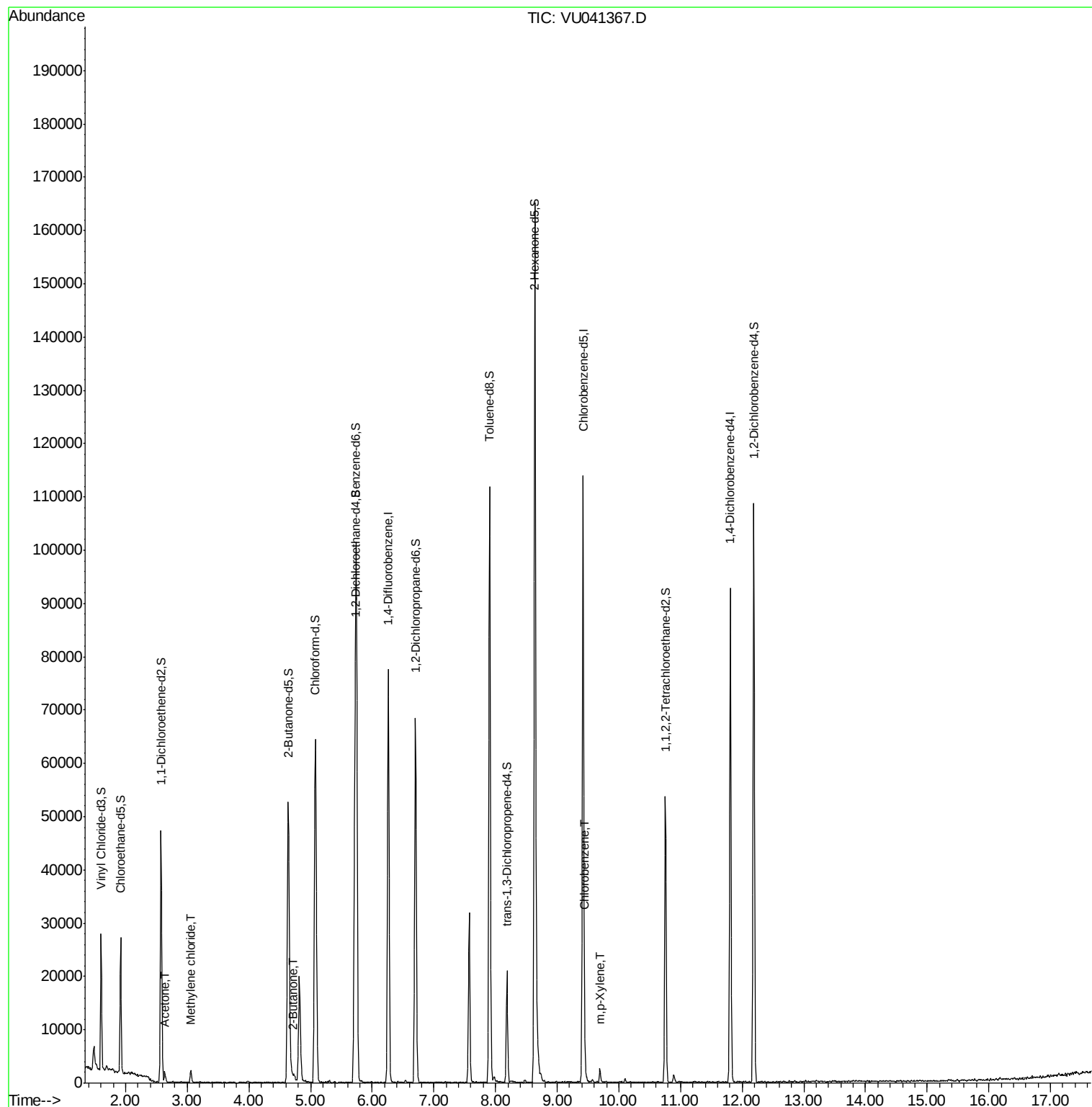
					Ovalue
13) Acetone	2.64	43	2177	1.834 ug/L #	66
16) Methylene chloride	3.06	84	1100	0.228 ug/L	83
21) 2-Butanone	4.73	43	1658	0.920 ug/L #	69
51) Chlorobenzene	9.45	112	1940	0.172 ug/L #	81
53) m,p-Xylene	9.69	106	734	0.111 ug/L	76

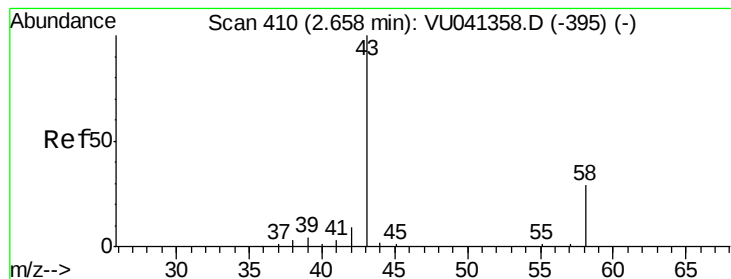
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.834 ug/L

RT: 2.64 min Scan# 403

Delta R.T. -0.02 min

Lab File: VU041367.D

Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_U

ClientSampled :

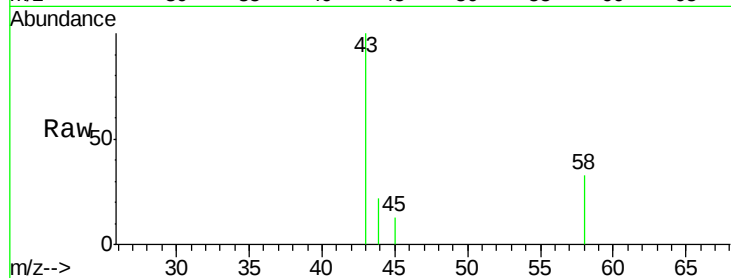
H4409

Tot Ion: 43 Resp: 2177

Ion Ratio Lower Upper

43 100

58 26.2 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.64

1500

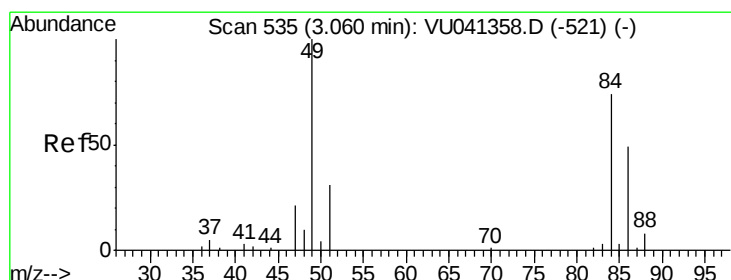
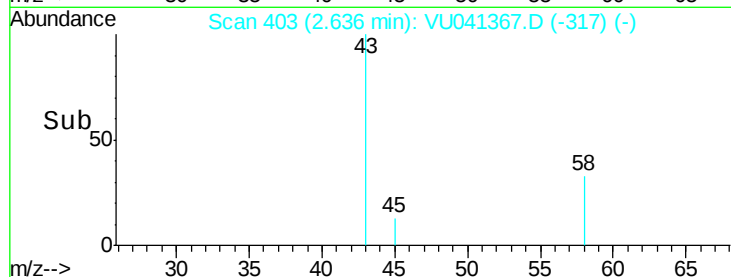
1000

500

0

Time-->

2.60 2.65



#16

Methylene chloride

Concen: 0.228 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

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Acq: 20 Nov 2020 15:12

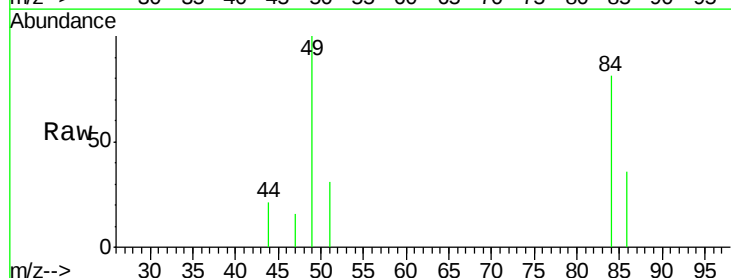
Tgt Ion: 84 Resp: 1100

Ion Ratio Lower Upper

84 100

86 44.3 42.8 79.6

49 123.8 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

1000

800

600

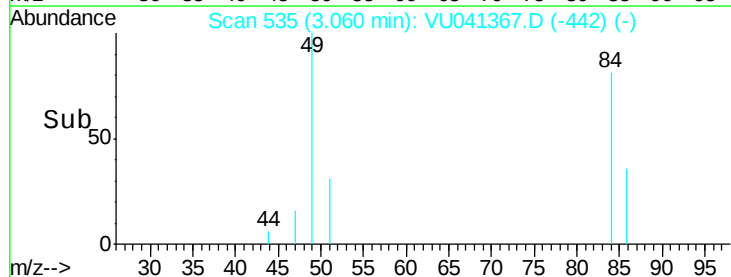
400

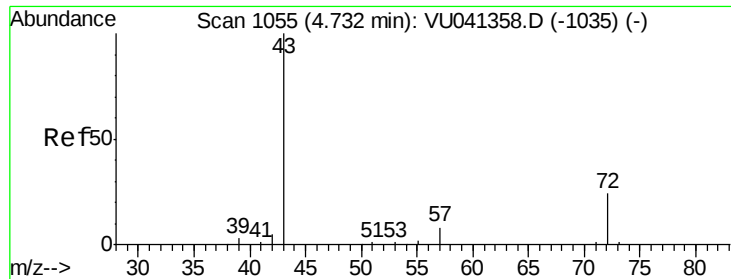
200

0

Time-->

3.05 3.10

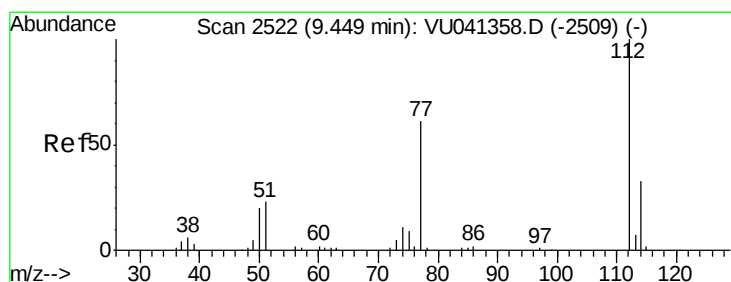
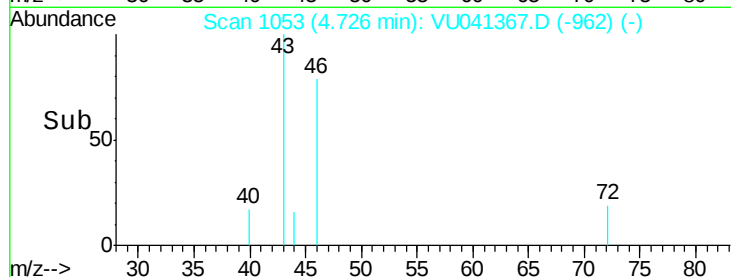
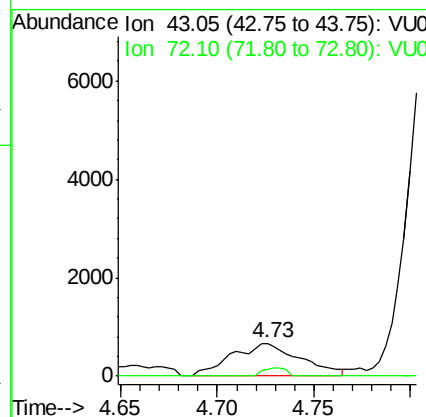
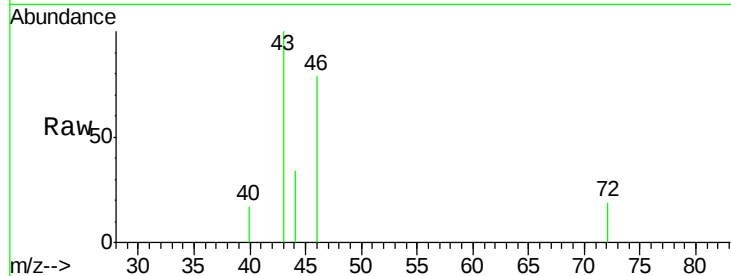




#21
2-Butanone
Concen: 0.920 ug/L
RT: 4.73 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VU041367.D
Acq: 20 Nov 2020 15:12

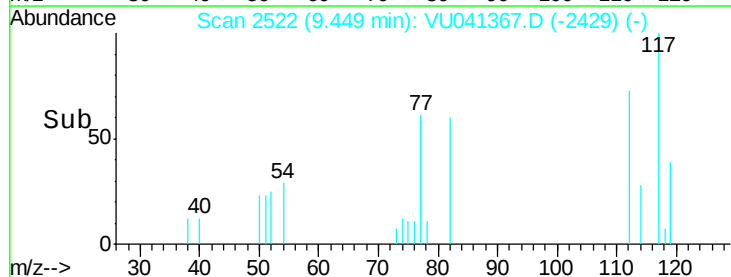
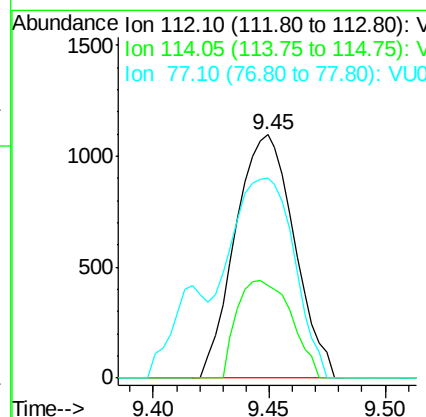
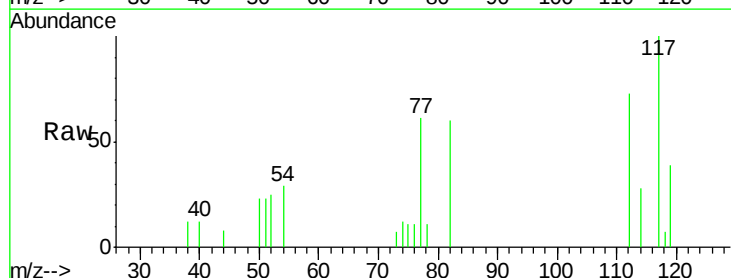
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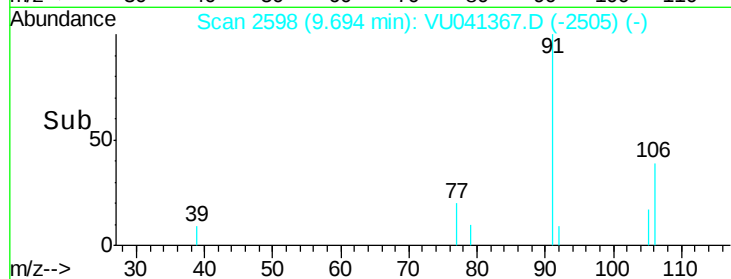
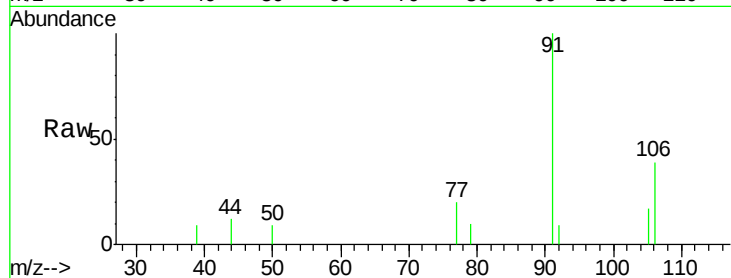
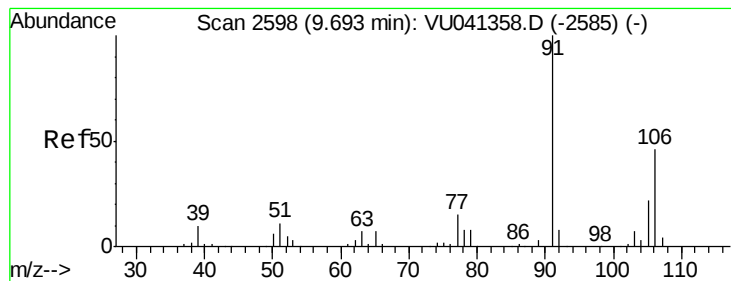
Tot Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
72 8.4 11.8 35.4#



#51
Chlorobenzene
Concen: 0.172 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041367.D
Acq: 20 Nov 2020 15:12

Tgt Ion: 112 Resp: 1940
Ion Ratio Lower Upper
112 100
114 38.3 22.4 41.6
77 82.4 51.2 76.8#





#53

m,p-Xylene

Concen: 0.111 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041367.D

Acq: 20 Nov 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

H4409

Tot Ion:106 Resp: 734

Ion Ratio Lower Upper

106 100

91 254.2 150.9 280.3

Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

