

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039110.D
 Acq On : 25 Jun 2020 12:57
 Operator : SY/MD
 Sample : L3109-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F42

Quant Time: Jun 26 01:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	255811	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	106413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87770	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	83768	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.59	63	133132	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.67	46	385791	57.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	5.10	84	196327	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.74	65	122398	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.76	84	368853	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	125173	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.92	98	283461	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	51381	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	284382	53.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105815	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	111108	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

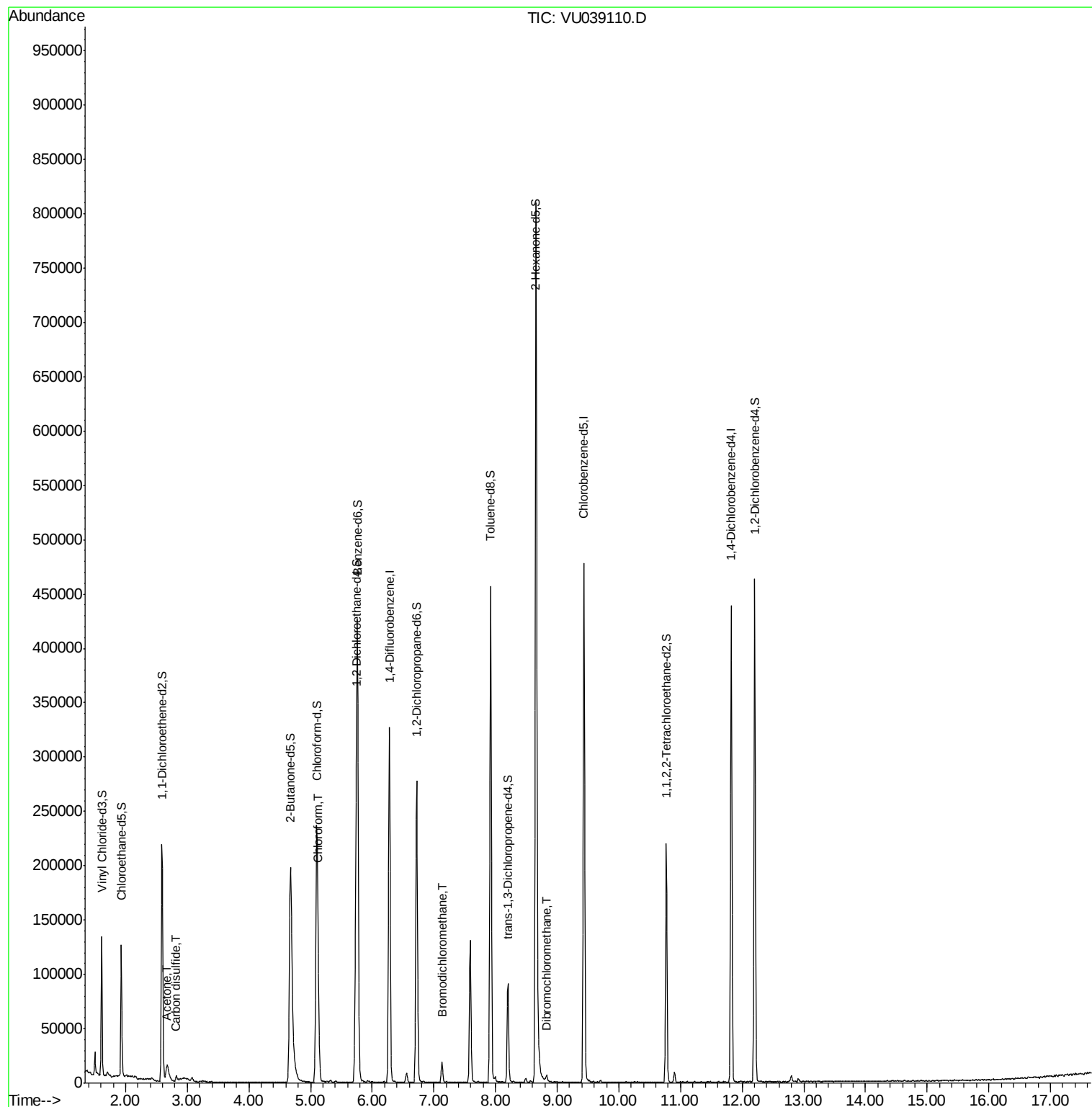
					Ovalue
13) Acetone	2.68	43	32928	7.239 ug/L	75
14) Carbon disulfide	2.82	76	5826	0.100 ug/L	96
25) Chloroform	5.13	83	53538	1.427 ug/L	100
38) Bromodichloromethane	7.13	83	12632	0.465 ug/L	100
49) Dibromochloromethane	8.83	129	3001	0.171 ug/L	89

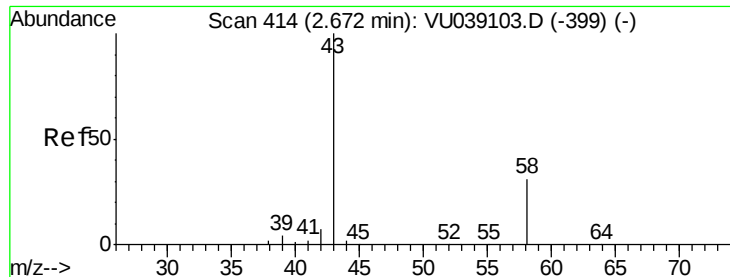
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.239 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU039110.D

Acq: 25 Jun 2020 12:57

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MSVOA_U

ClientSampleId :

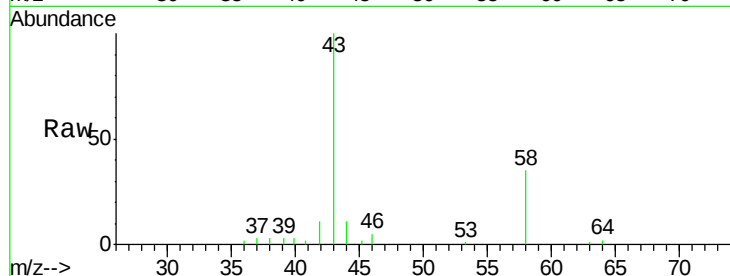
F9F42

Tot Ion: 43 Resp: 32928

Ion Ratio Lower Upper

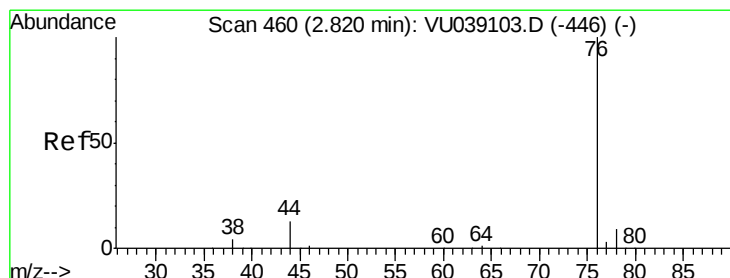
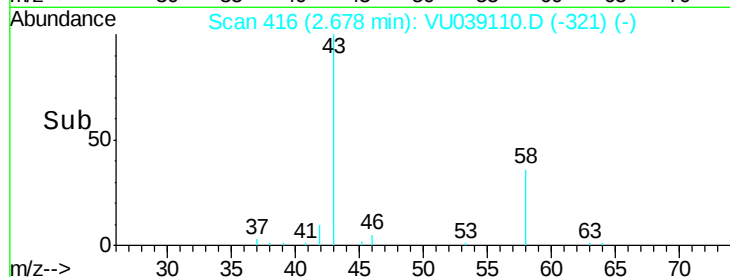
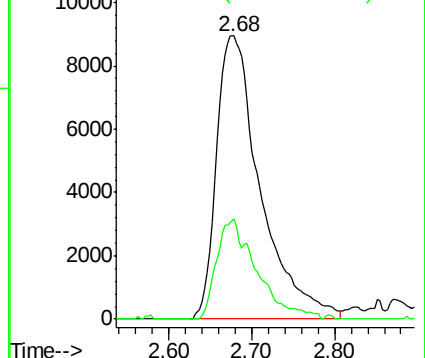
43 100

58 18.3 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU039110.D

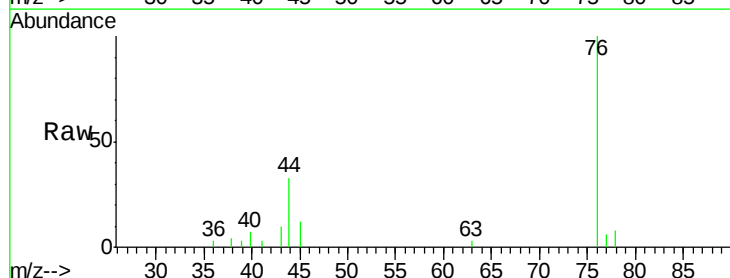
Acq: 25 Jun 2020 12:57

Tgt Ion: 76 Resp: 5826

Ion Ratio Lower Upper

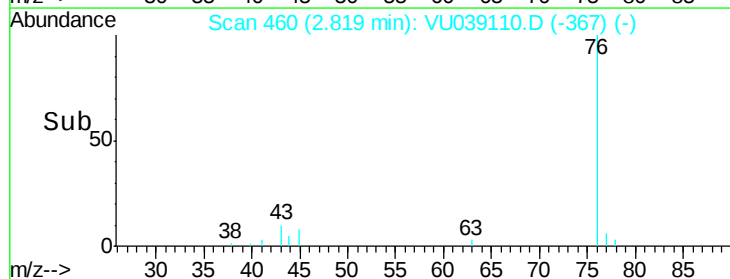
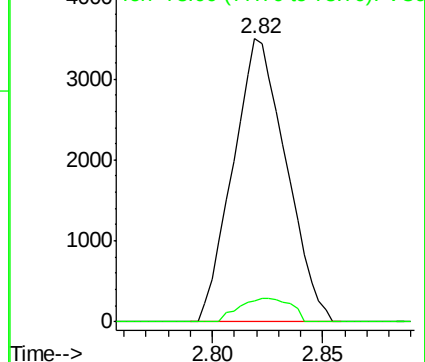
76 100

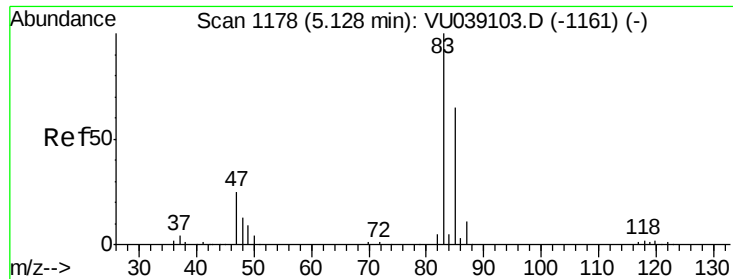
78 7.5 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

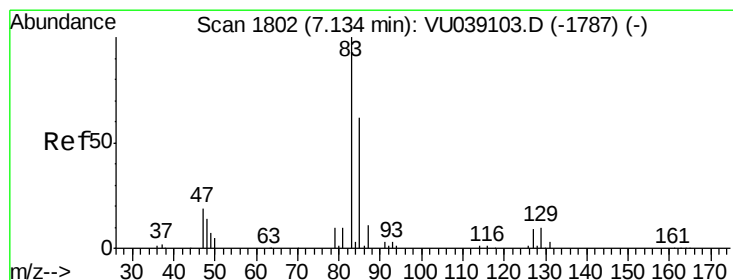
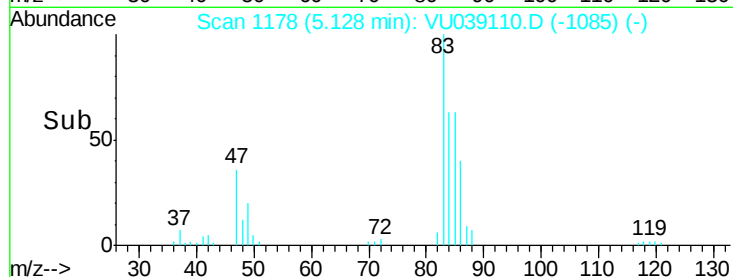
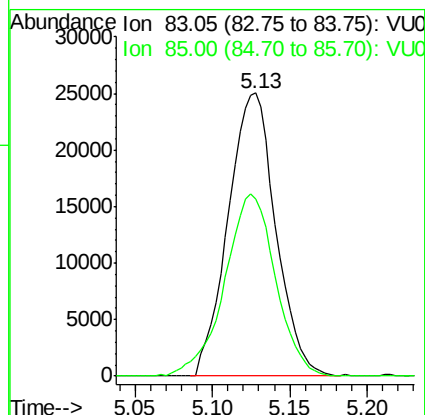
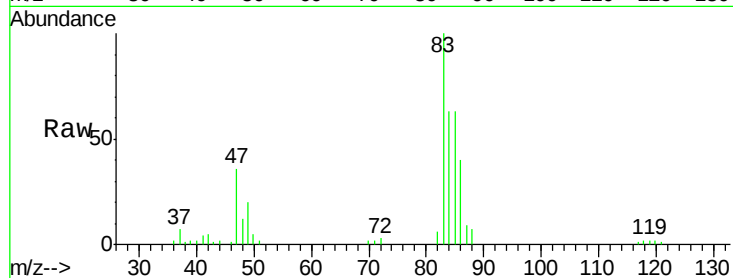




#25
Chloroform
Concen: 1.427 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU039110.D
Acq: 25 Jun 2020 12:57

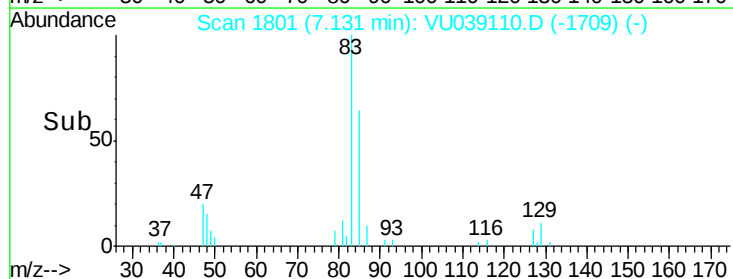
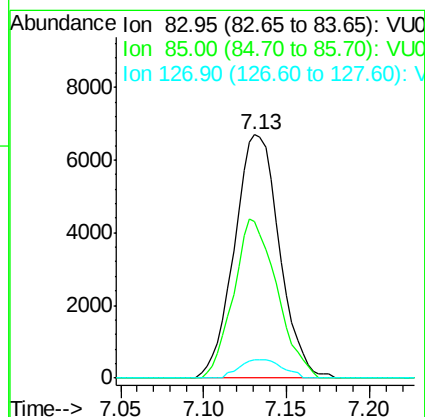
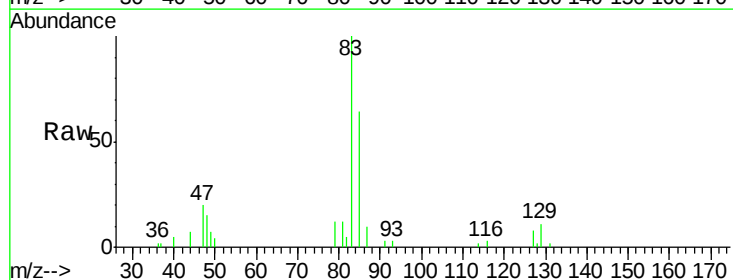
Instrument :
MSVOA_U
ClientSampled :
F9F42

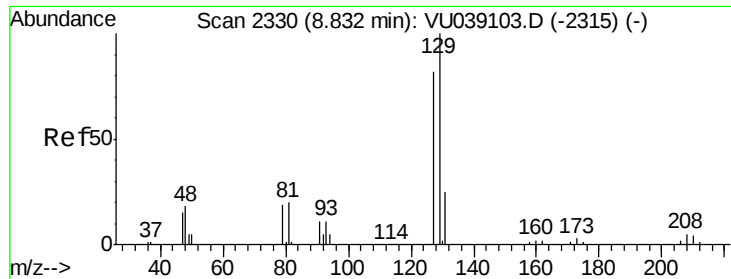
Tot Ion: 83 Resp: 53538
Ion Ratio Lower Upper
83 100
85 62.5 43.8 81.4



#38
Bromodichloromethane
Concen: 0.465 ug/L
RT: 7.13 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VU039110.D
Acq: 25 Jun 2020 12:57

Tgt Ion: 83 Resp: 12632
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.3
127 7.6 6.3 9.5





#49

Dibromochloromethane

Concen: 0.171 ug/L

RT: 8.83 min Scan# 2328

Delta R.T. -0.01 min

Lab File: VU039110.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

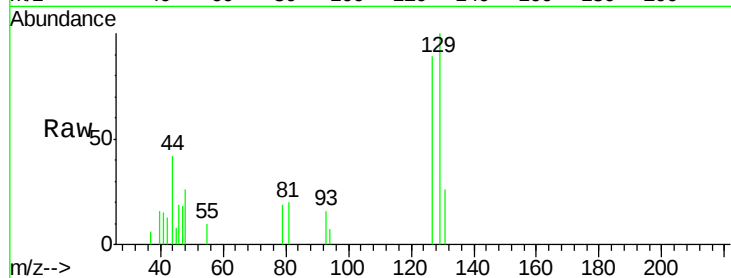
F9F42

Tot Ion:129 Resp: 3001

Ion Ratio Lower Upper

129 100

127 88.8 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

