

Data File : VW011913.D
Acq On : 14 Aug 2019 12:02
Operator : SY/VA
Sample : K4215-23RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

Quant Time: Aug 16 05:38:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 05:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	386102	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84280	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
7) Chloroethane-d5	2.89	69	71505	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
10) 1,1-Dichloroethene-d2	4.01	63	158953	12.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.00%
20) 2-Butanone-d5	7.07	46	86361	35.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.56%
24) Chloroform-d	7.65	84	207633	19.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.32%
26) 1,2-Dichloroethane-d4	8.31	65	126757	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.80%
29) Benzene-d6	8.27	84	412904	20.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.36%
33) 1,2-Dichloropropane-d6	9.27	67	141324	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.32	98	344448	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.40%
38) trans-1,3-Dichloropropene-	10.58	79	50845	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.68%
39) 2-Hexanone-d5	10.93	63	55017	36.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101996	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	93317	19.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.44%

Target Compounds

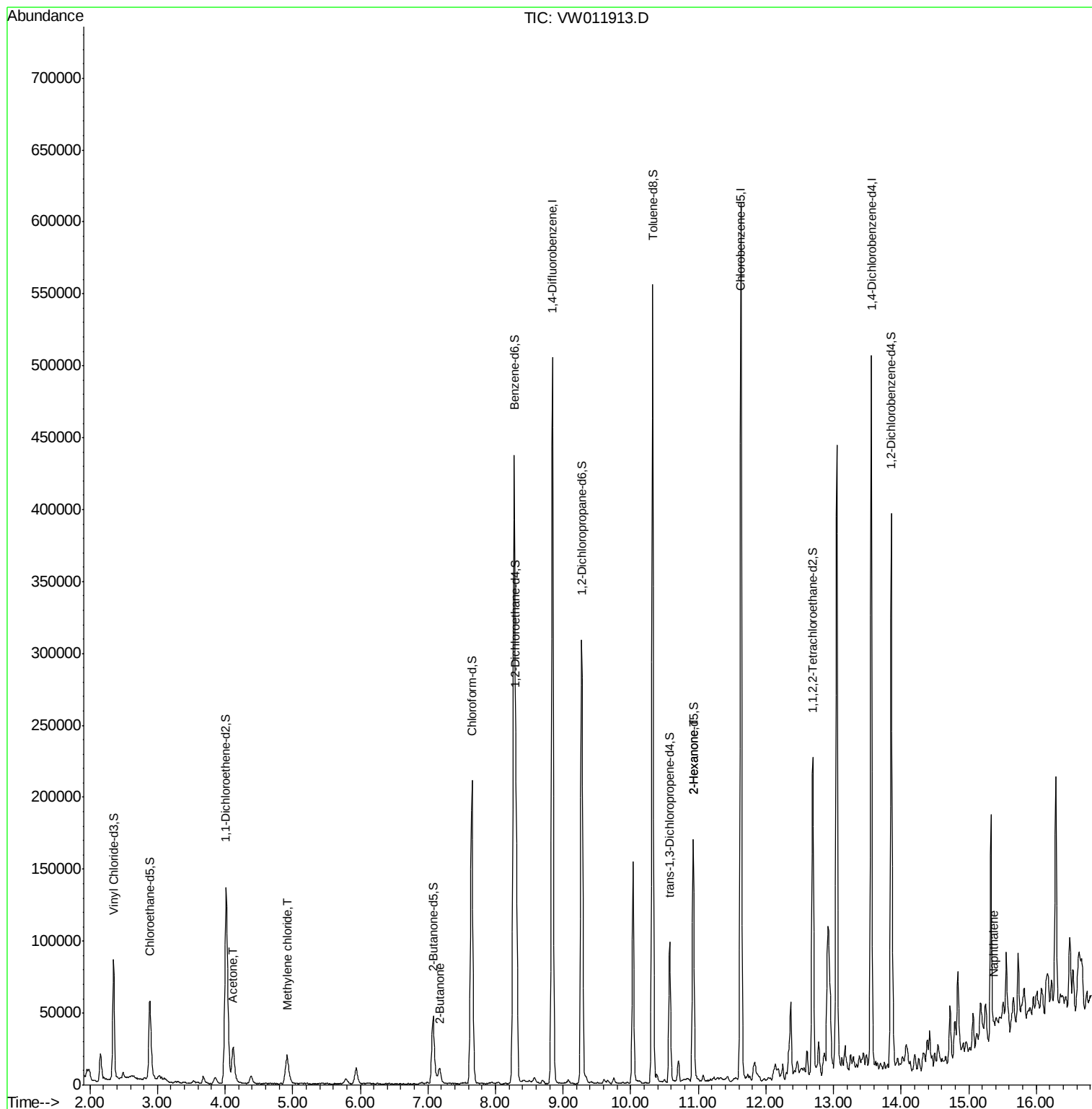
					Qvalue
13) Acetone	4.12	43	45071	17.191 ug/L	100
16) Methylene chloride	4.92	84	14107	2.341 ug/L	98
21) 2-Butanone	7.18	43	14585	4.437 ug/L	98
49) 2-Hexanone	10.93	43	7574	1.819 ug/L #	68
69) Naphthalene	15.37	128	9619	0.974 ug/L	97

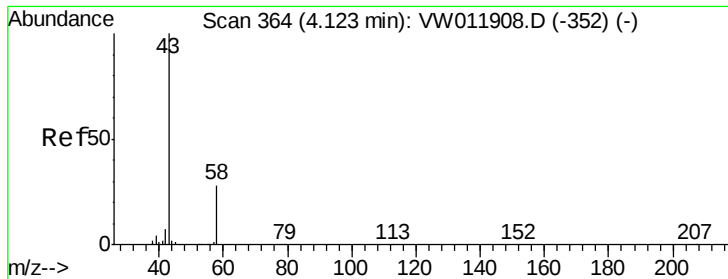
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.191 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

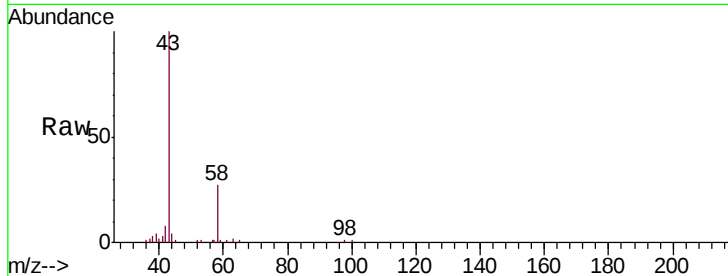
ETOC7

Tgt Ion: 43 Resp: 45071

Ion Ratio Lower Upper

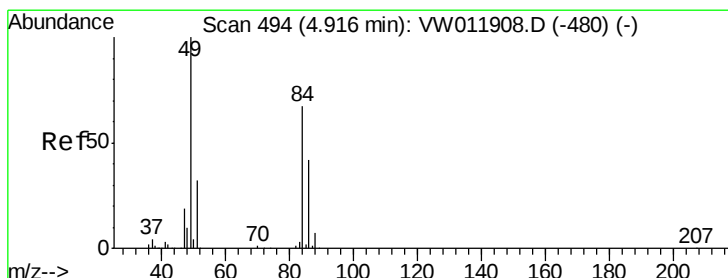
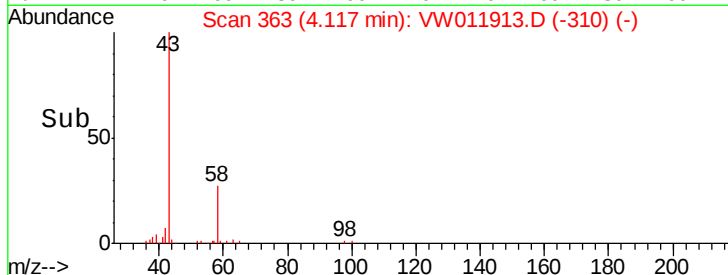
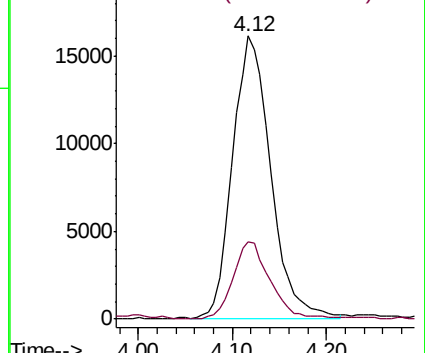
43 100

58 26.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.341 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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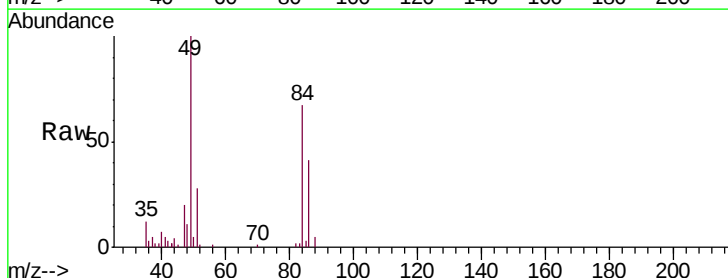
Tgt Ion: 84 Resp: 14107

Ion Ratio Lower Upper

84 100

49 148.9 106.8 198.4

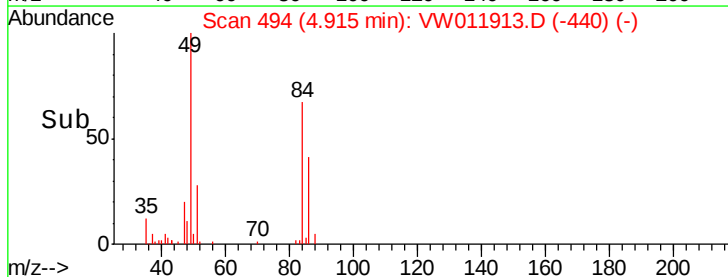
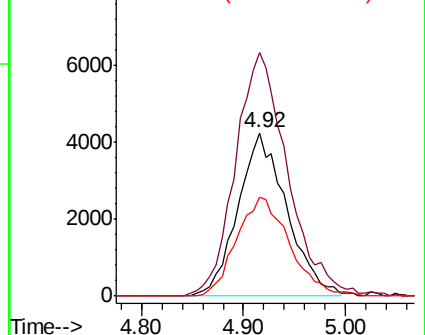
86 60.6 42.8 79.4

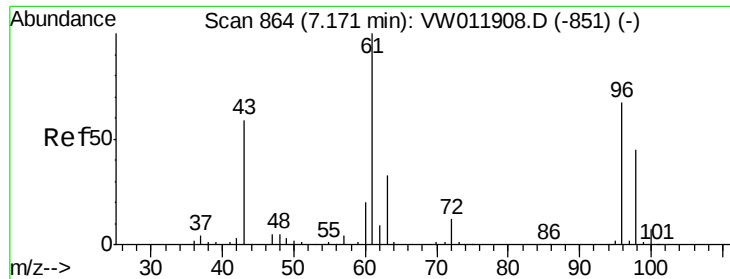


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 4.437 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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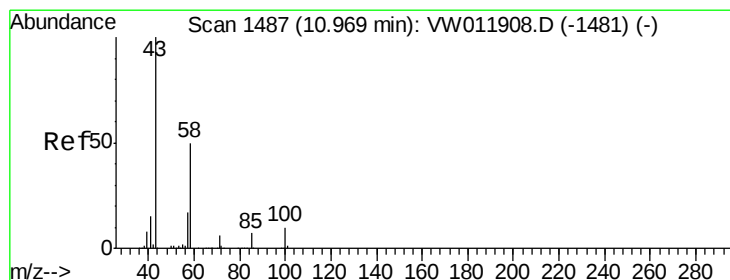
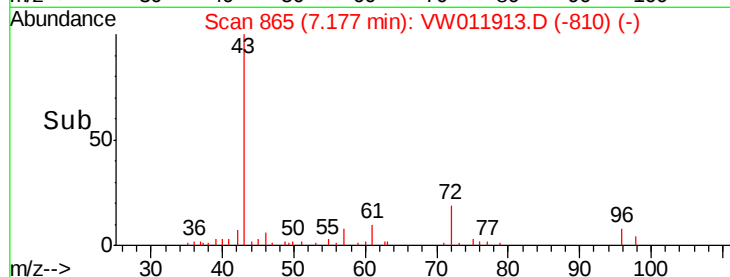
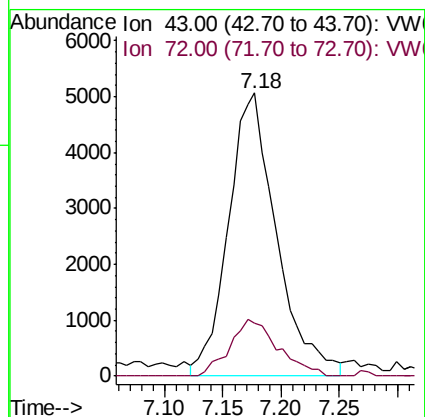
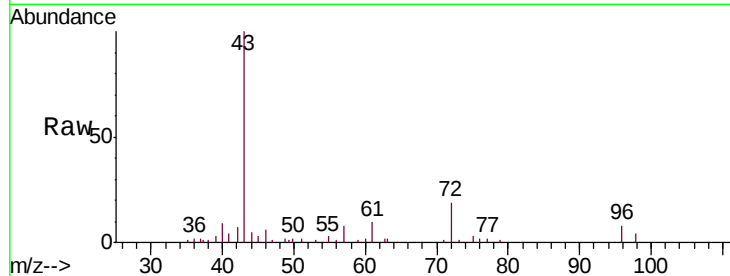
ETOC7

Tgt Ion: 43 Resp: 14585

Ion Ratio Lower Upper

43 100

72 20.3 10.7 32.1



#49

2-Hexanone

Concen: 1.819 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 14 Aug 2019 12:02

Tgt Ion: 43 Resp: 7574

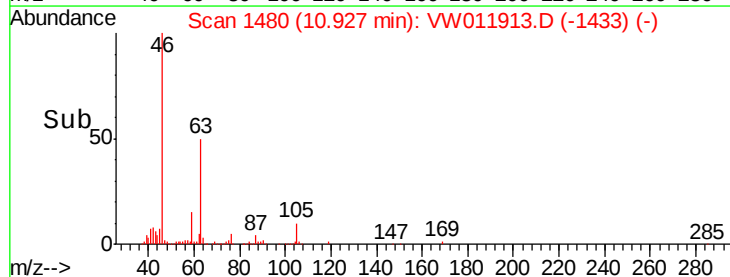
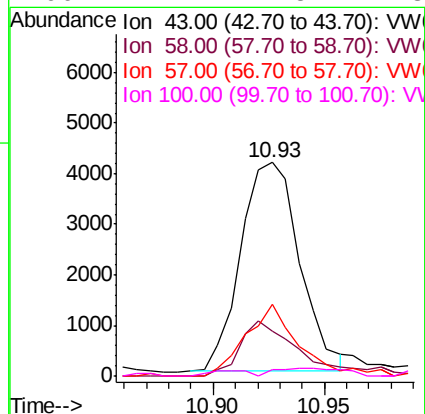
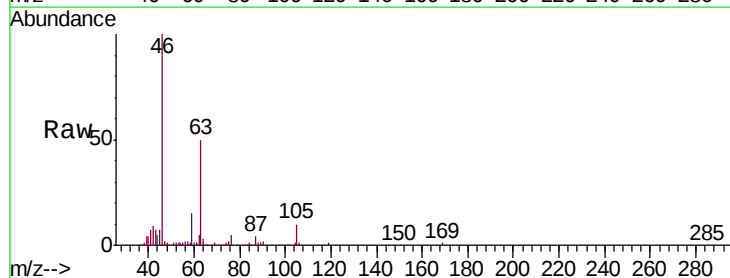
Ion Ratio Lower Upper

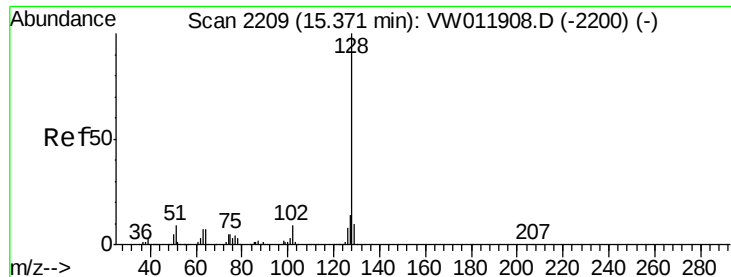
43 100

58 26.2 38.6 57.8#

57 31.4 13.0 19.6#

100 1.7 7.5 11.3#





#69

Naphthalene

Concen: 0.974 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

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Acq: 14 Aug 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

ETOC7

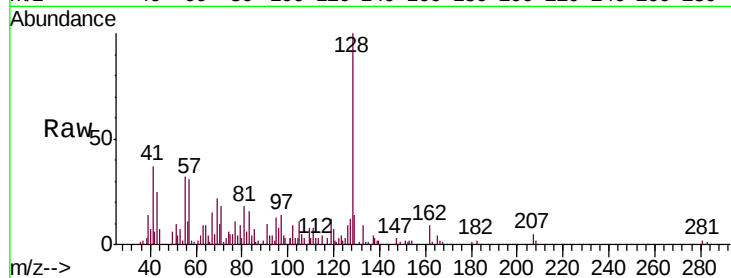
Tgt Ion:128 Resp: 9619

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 11.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

