

Data File : VV010429.D
Acq On : 22 Apr 2019 23:28
Operator : SY/MD
Sample : K2456-17
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN7

Quant Time: Apr 23 07:01:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386069	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	191371	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82404	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.64%
7) Chloroethane-d5	1.57	69	80213	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	2.13	63	133602	13.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.68%
20) 2-Butanone-d5	3.93	46	58795	46.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.54%
24) Chloroform-d	4.40	84	201228	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	5.08	65	131797	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	5.10	84	377821	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	6.12	67	118933	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.48%
37) Toluene-d8	7.36	98	369850	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.56%
38) trans-1,3-Dichloropropene-	7.66	79	49211	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.04%
39) 2-Hexanone-d5	8.13	63	43352	41.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107099	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	161911	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds

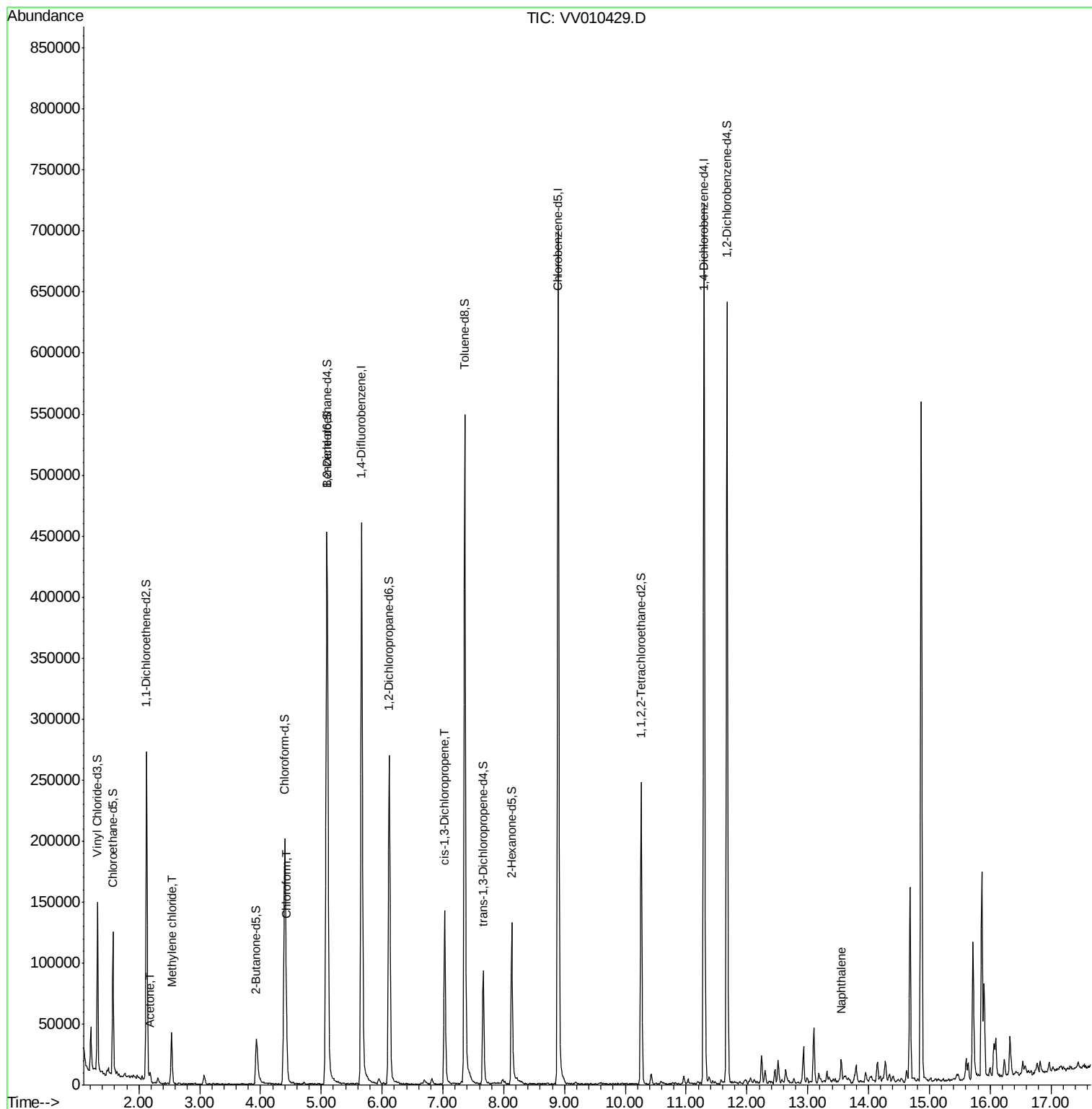
					Qvalue
13) Acetone	2.19	43	3104	2.279 ug/L	96
16) Methylene chloride	2.54	84	16609	2.871 ug/L	99
25) Chloroform	4.43	83	13137	1.393 ug/L	87
42) cis-1,3-Dichloropropene	7.03	75	4562	0.658 ug/L	86
69) Naphthalene	13.55	128	11943	1.101 ug/L #	90

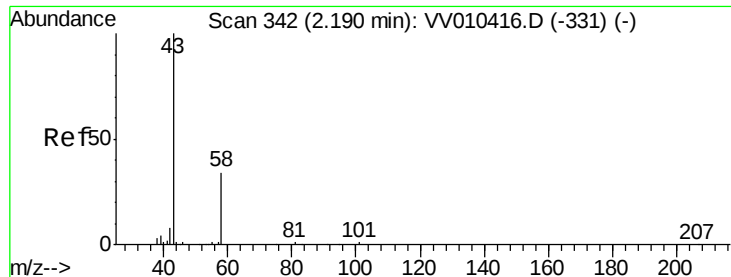
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.279 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

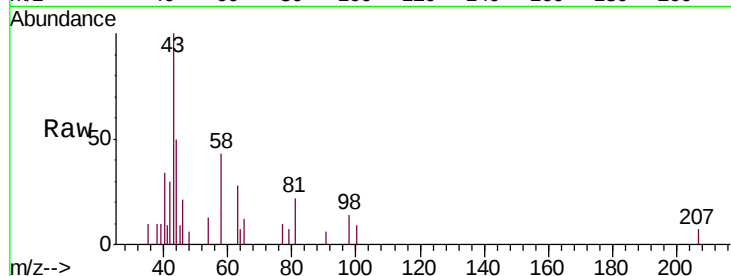
GAHN7

Tgt Ion: 43 Resp: 3104

Ion Ratio Lower Upper

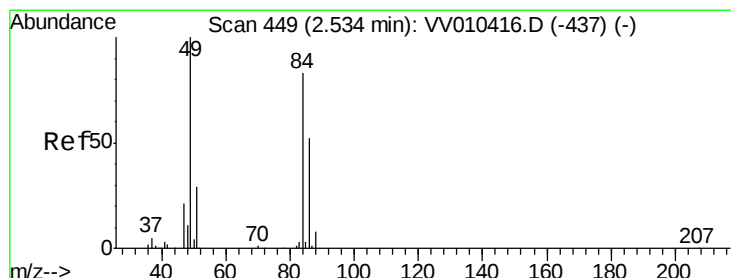
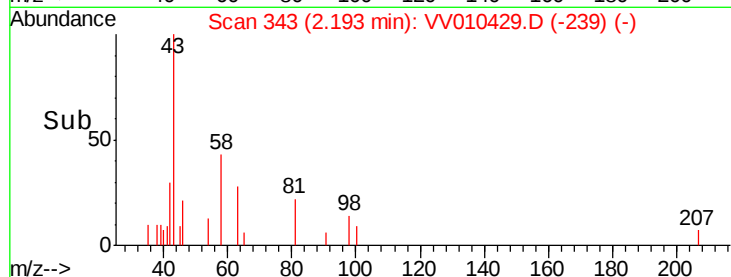
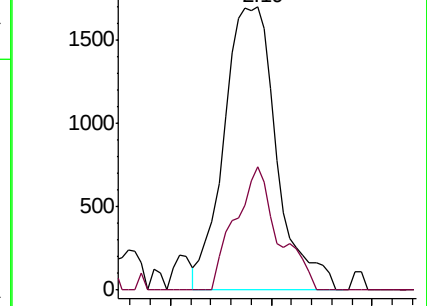
43 100

58 30.7 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010416.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010416.D (-331) (-)



#16

Methylene chloride

Concen: 2.871 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010429.D

Acq: 22 Apr 2019 23:28

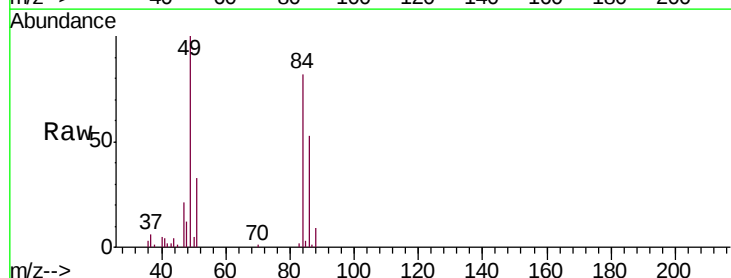
Tgt Ion: 84 Resp: 16609

Ion Ratio Lower Upper

84 100

49 122.1 85.0 158.0

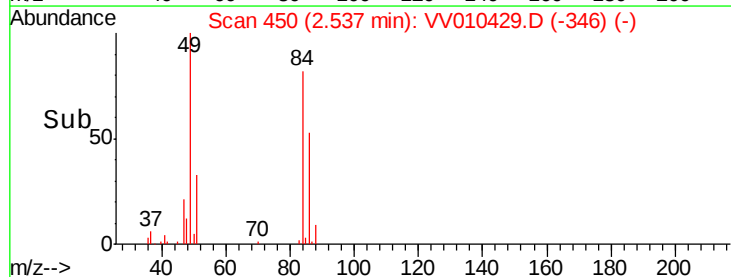
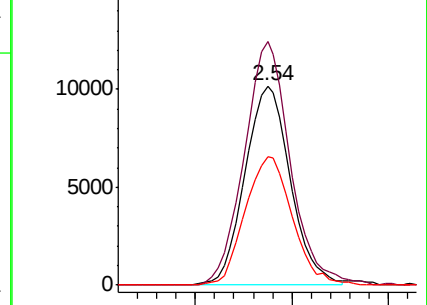
86 64.4 43.9 81.5

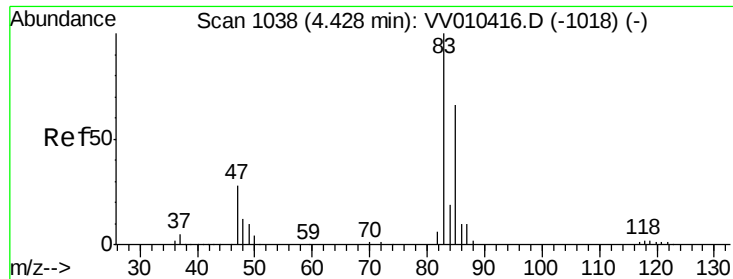


Abundance Ion 84.00 (83.70 to 84.70): VV010416.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010416.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010416.D (-437) (-)

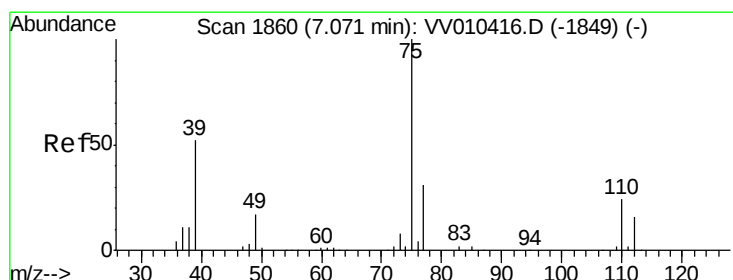
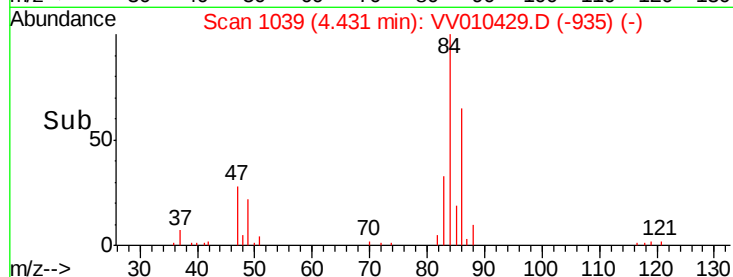
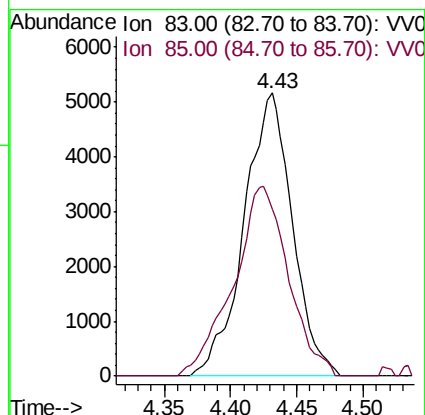
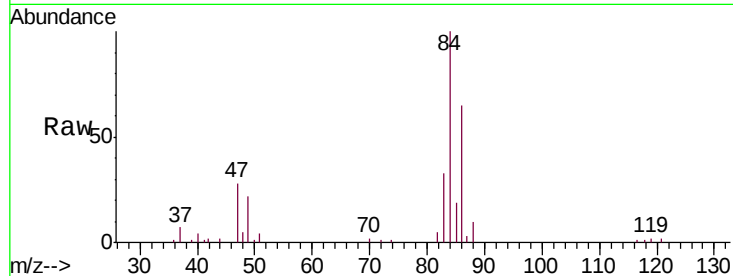




#25
Chloroform
Concen: 1.393 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010429.D
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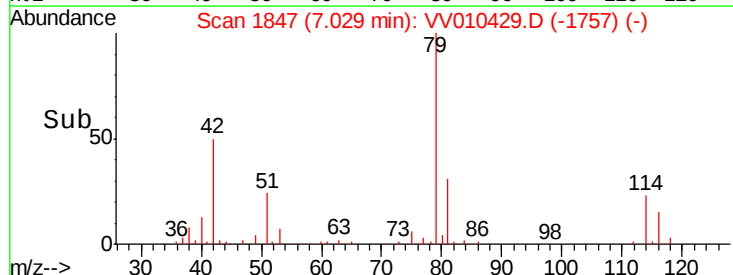
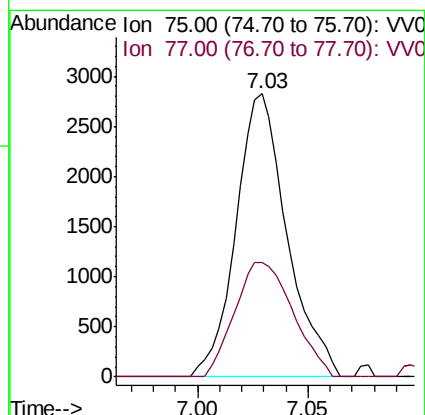
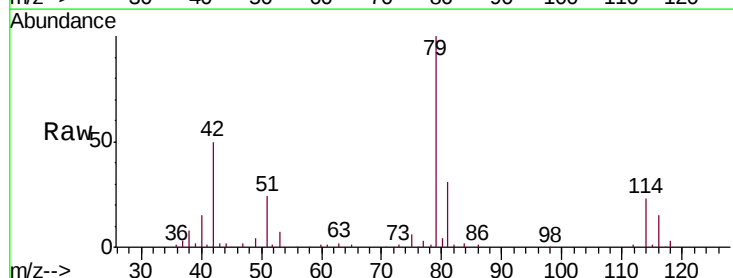
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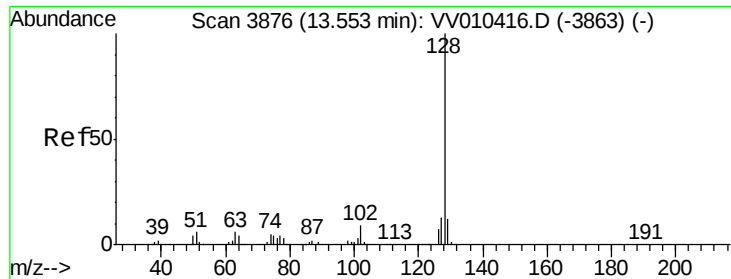
Tgt Ion: 83 Resp: 13137
Ion Ratio Lower Upper
83 100
85 76.2 46.1 85.5



#42
cis-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010429.D
Acq: 22 Apr 2019 23:28

Tgt Ion: 75 Resp: 4562
Ion Ratio Lower Upper
75 100
77 40.4 22.9 42.5





#69

Naphthalene

Concen: 1.101 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010429.D

Acq: 22 Apr 2019 23:28

Instrument :

MSVOA_V

ClientSampleId :

GAHN7

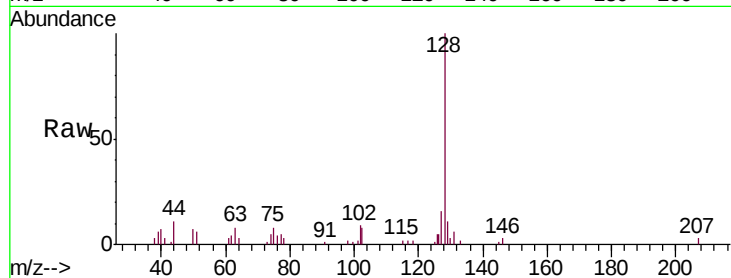
Tgt Ion:128 Resp: 11943

Ion Ratio Lower Upper

128 100

129 14.3 8.4 12.6#

127 16.8 10.2 15.2#



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

