

Data File : VV010706.D
Acq On : 07 May 2019 22:10
Operator : SY/MD
Sample : K2633-15
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA7

Quant Time: May 08 03:06:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	97668	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42728	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22688	14.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.80%
7) Chloroethane-d5	1.57	69	20648	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.16%
10) 1,1-Dichloroethene-d2	2.12	63	35131	10.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.68%#
20) 2-Butanone-d5	3.94	46	22299	48.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.96%
24) Chloroform-d	4.40	84	52463	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.08	65	36164	21.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.00%
29) Benzene-d6	5.10	84	100738	18.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.96%
33) 1,2-Dichloropropane-d6	6.12	67	34662	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.92%
37) Toluene-d8	7.36	98	89786	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.76%
38) trans-1,3-Dichloropropene-	7.66	79	12683	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.96%
39) 2-Hexanone-d5	8.13	63	16872	47.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33342	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	33976	20.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.12%

Target Compounds

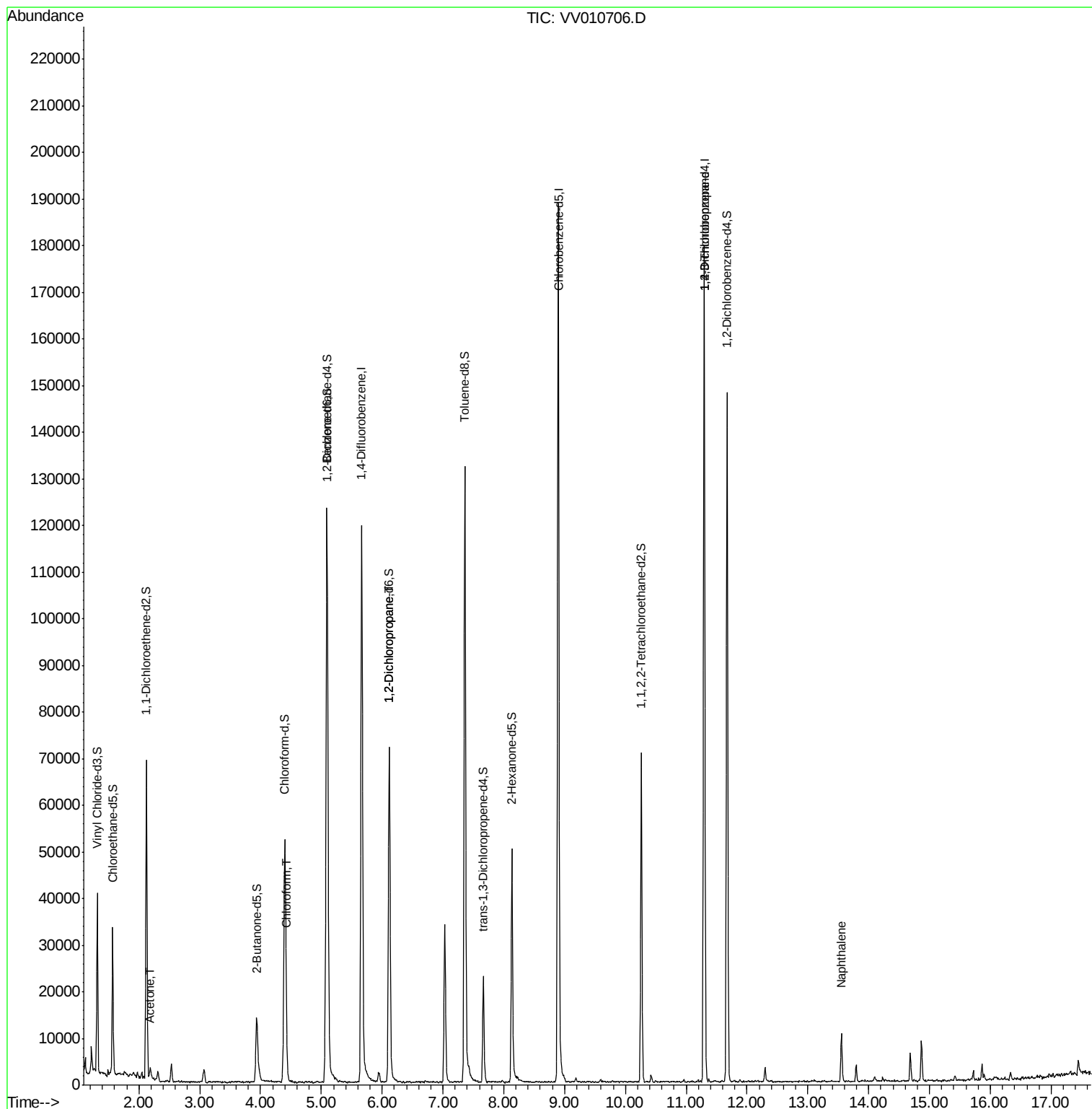
					Qvalue
13) Acetone	2.19	43	1700	2.412 ug/L	96
25) Chloroform	4.43	83	2439	0.825 ug/L #	72
40) 1,2-Dichloropropane	6.12	63	4127	2.587 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5993	4.473 ug/L #	79
69) Naphthalene	13.55	128	8133	2.292 ug/L	99

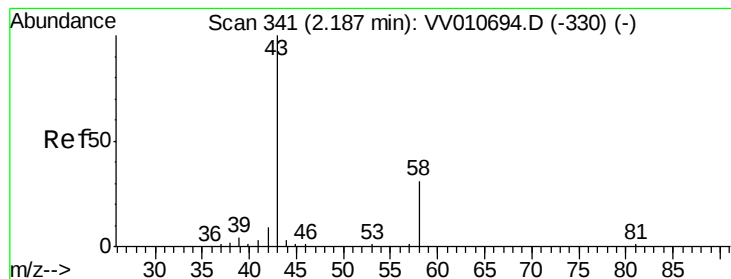
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.412 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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ClientSampleId :

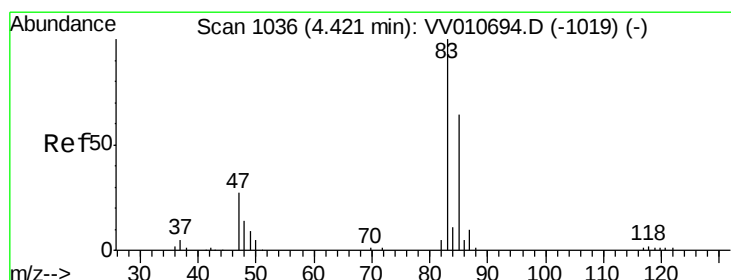
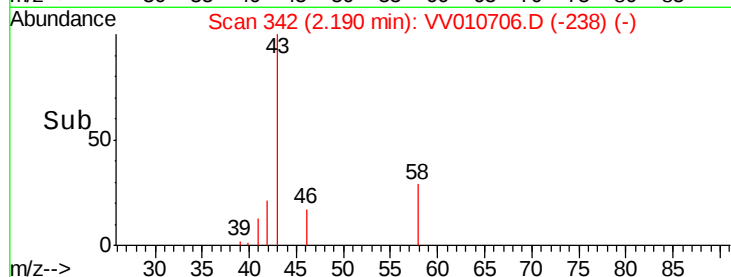
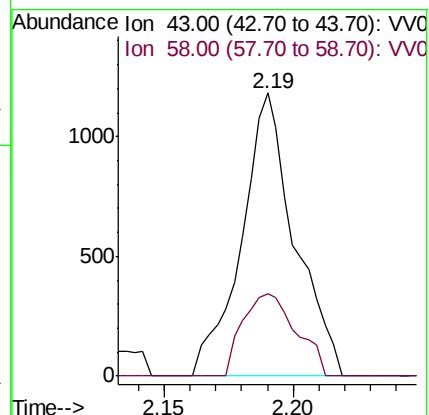
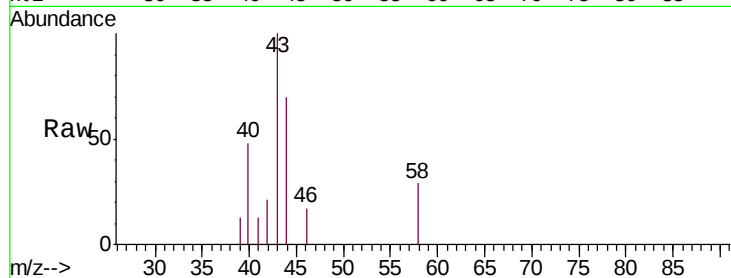
GAJA7

Tgt Ion: 43 Resp: 1700

Ion Ratio Lower Upper

43 100

58 29.3 0.0 63.4



#25

Chloroform

Concen: 0.825 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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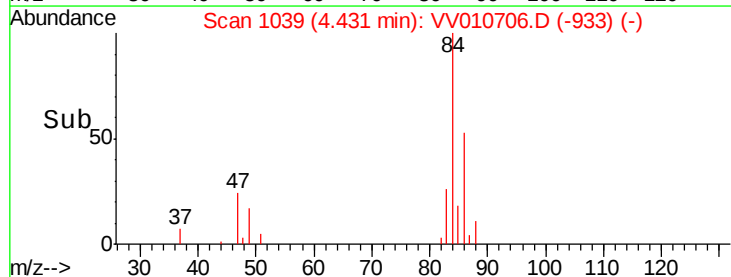
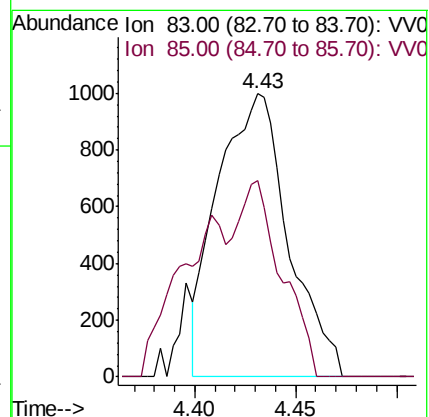
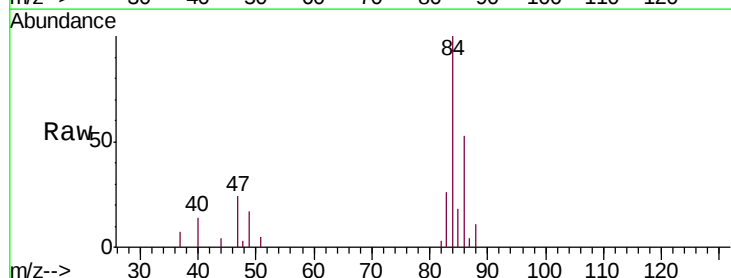
Acq: 07 May 2019 22:10

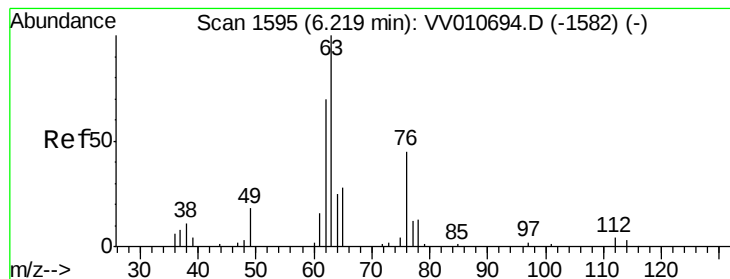
Tgt Ion: 83 Resp: 2439

Ion Ratio Lower Upper

83 100

85 41.7 44.6 82.8#





#40

1,2-Dichloropropane

Concen: 2.587 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

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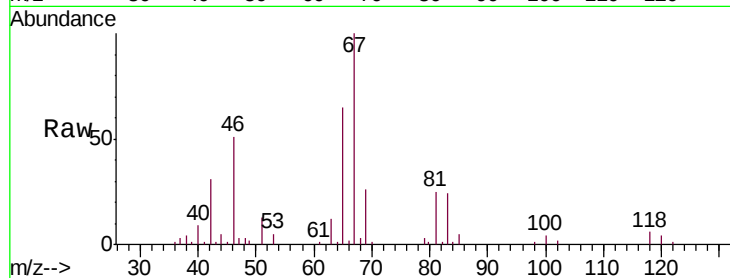
GAJA7

Tgt Ion: 63 Resp: 4127

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010694.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010694.D (-1582) (-)

6.12

2000

1500

1000

500

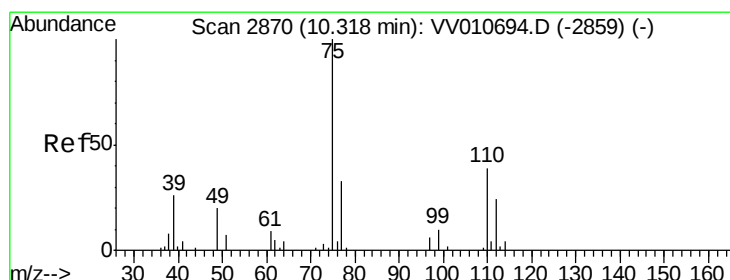
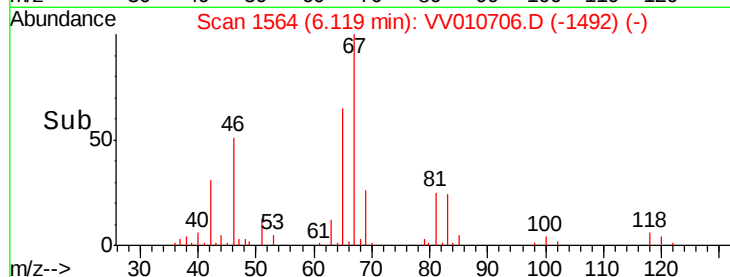
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.473 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

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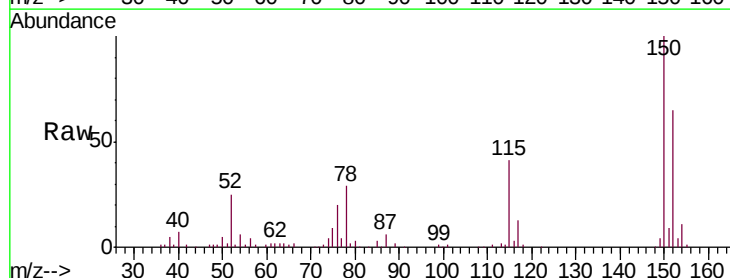
Acq: 07 May 2019 22:10

Tgt Ion: 75 Resp: 5993

Ion Ratio Lower Upper

75 100

77 42.9 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010694.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010694.D (-2859) (-)

11.30

4000

3000

2000

1000

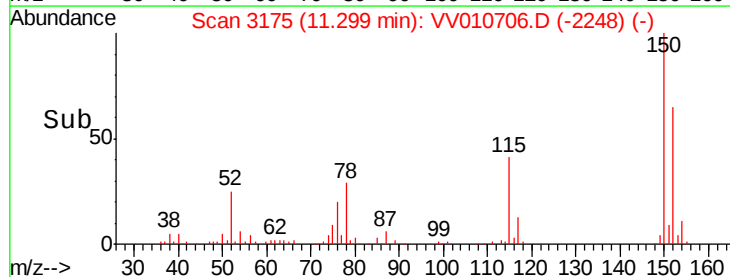
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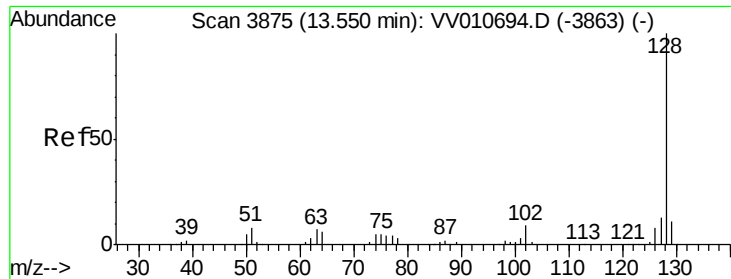
11.25

11.30

11.35

Time-->





#69

Naphthalene

Concen: 2.292 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

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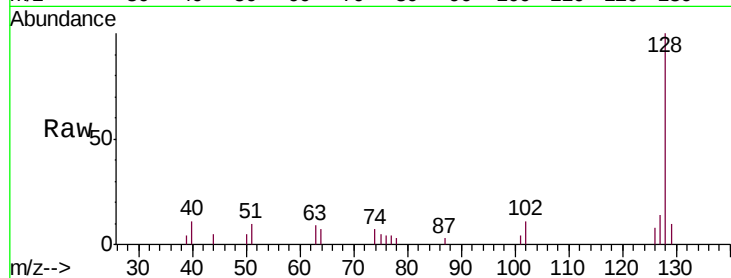
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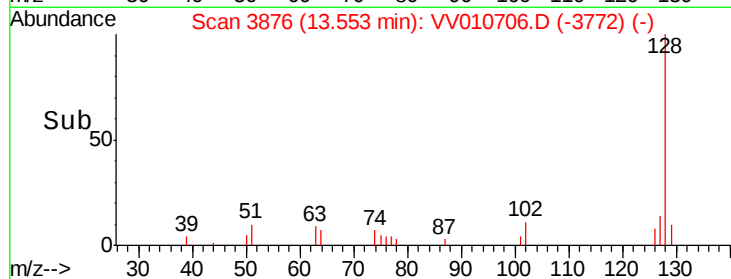
Tgt Ion:128 Resp: 8133

Ion Ratio Lower Upper

128 100

129 10.0 8.3 12.5

127 13.0 10.8 16.2



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

