

Data File : VV010422.D
Acq On : 22 Apr 2019 19:51
Operator : SY/MD
Sample : K2456-08
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP6RE

Quant Time: Apr 23 07:00:50 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	5.67	114	230682	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221695	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99856	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54574	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
7) Chloroethane-d5	1.58	69	48968	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
10) 1,1-Dichloroethene-d2	2.13	63	85851	14.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.88%
20) 2-Butanone-d5	3.94	46	31752	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
24) Chloroform-d	4.40	84	113556	20.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.56%
26) 1,2-Dichloroethane-d4	5.08	65	74249	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	5.10	84	218038	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	6.12	67	65134	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	7.36	98	210696	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.92%
38) trans-1,3-Dichloropropene-	7.66	79	25465	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.52%
39) 2-Hexanone-d5	8.13	63	22705	37.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60351	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	83261	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

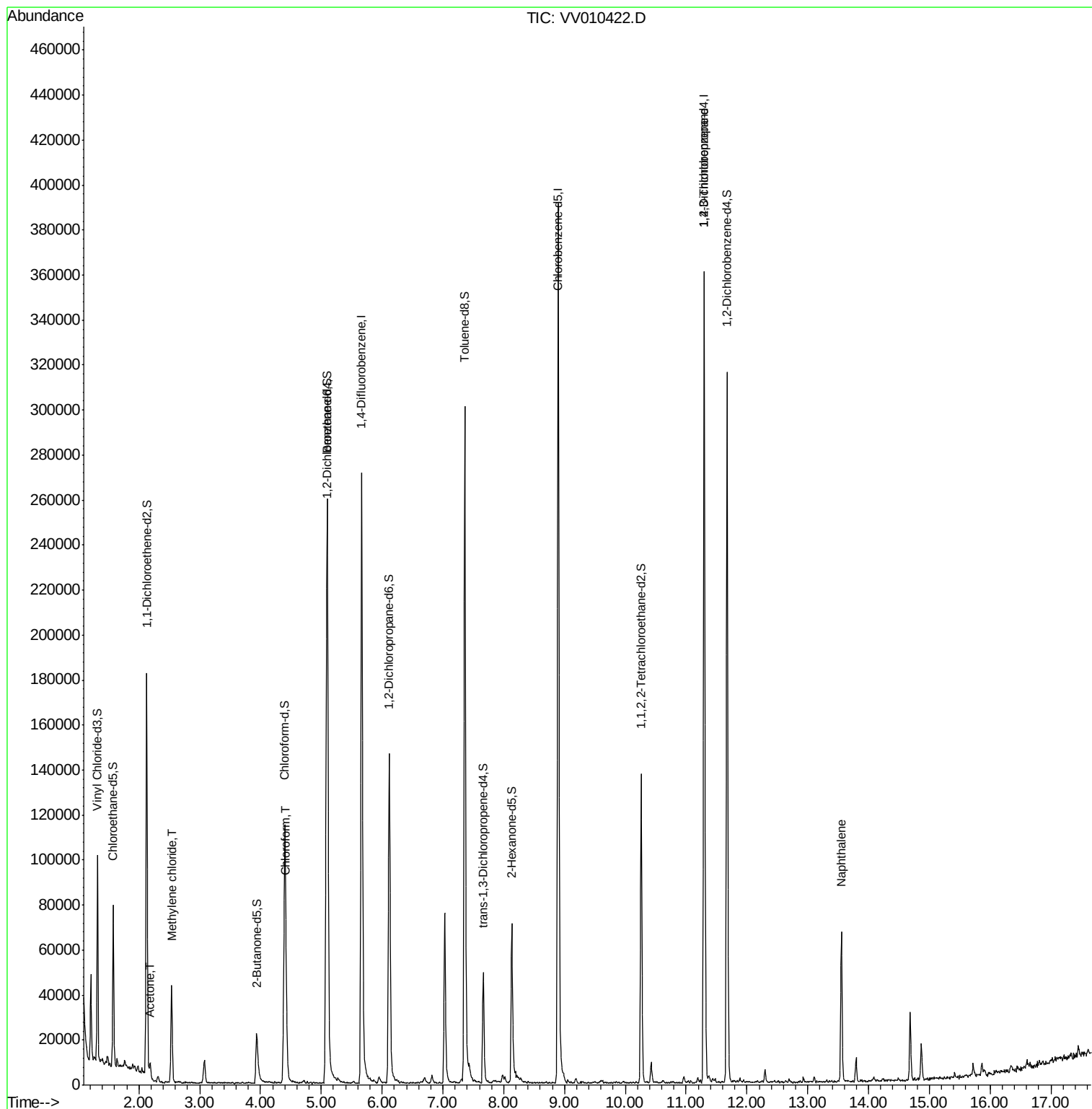
					Qvalue
13) Acetone	2.19	43	4206	5.281 ug/L	84
16) Methylene chloride	2.54	84	17691	5.229 ug/L	92
25) Chloroform	4.43	83	9050	1.641 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	10778	5.191 ug/L #	84
69) Naphthalene	13.55	128	52444	9.269 ug/L	100

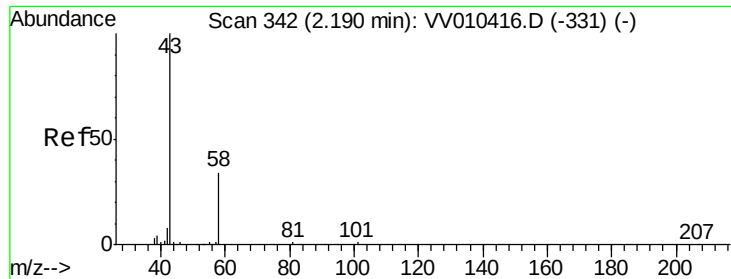
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.281 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

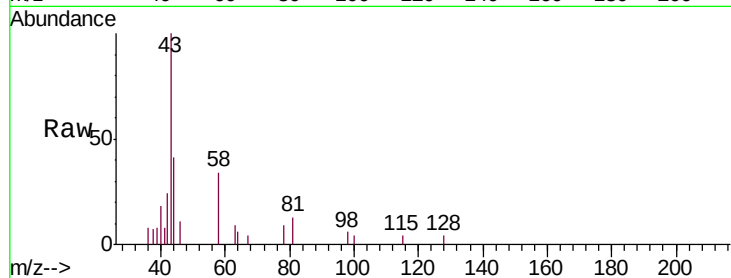
GAHP6RE

Tgt Ion: 43 Resp: 4206

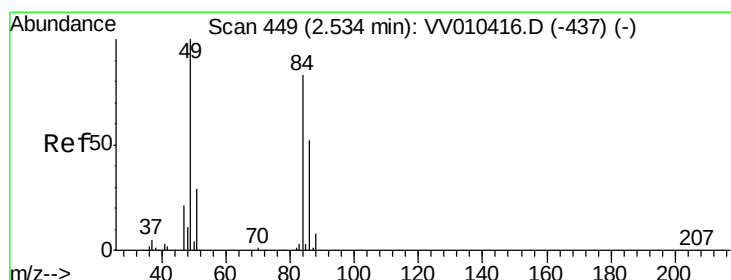
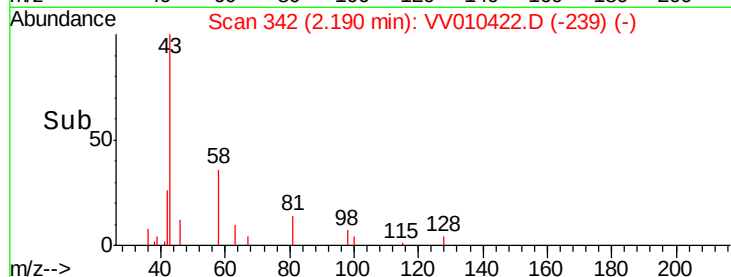
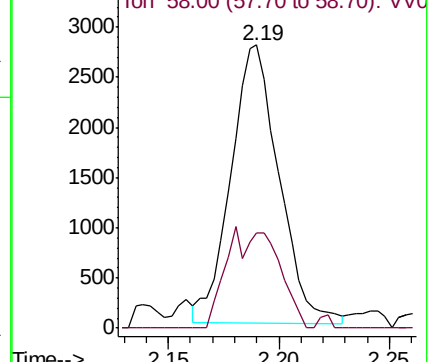
Ion Ratio Lower Upper

43 100

58 24.1 0.0 66.4



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



#16

Methylene chloride

Concen: 5.229 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010422.D

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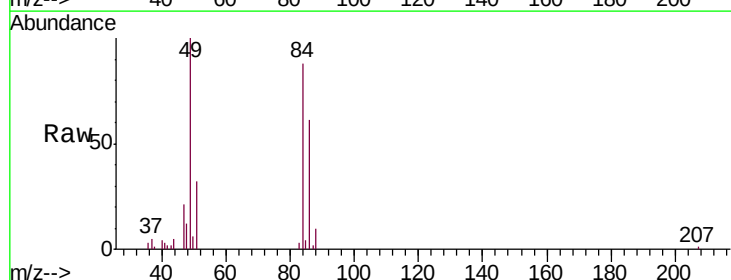
Tgt Ion: 84 Resp: 17691

Ion Ratio Lower Upper

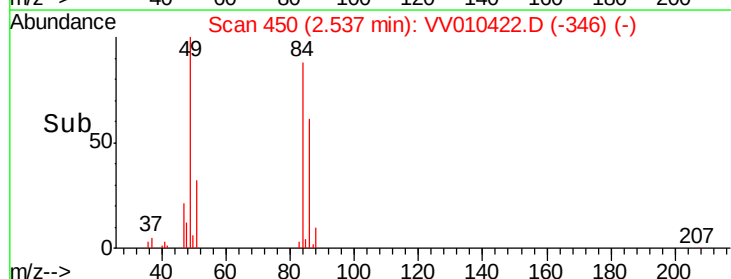
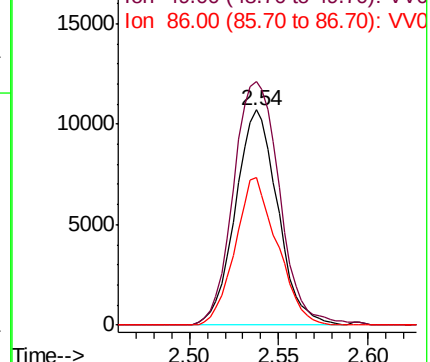
84 100

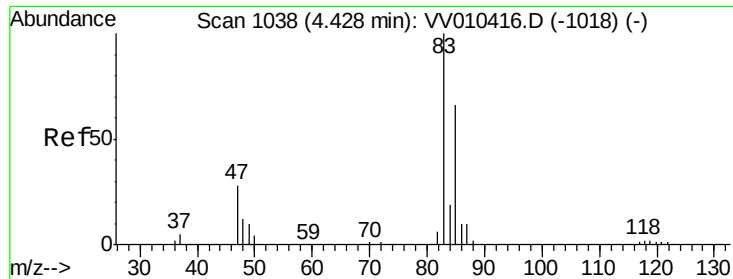
49 113.1 85.0 158.0

86 68.7 43.9 81.5



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

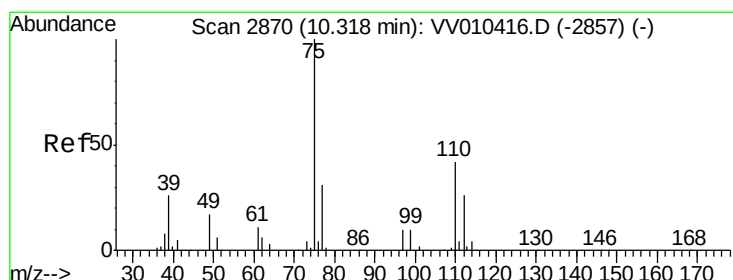
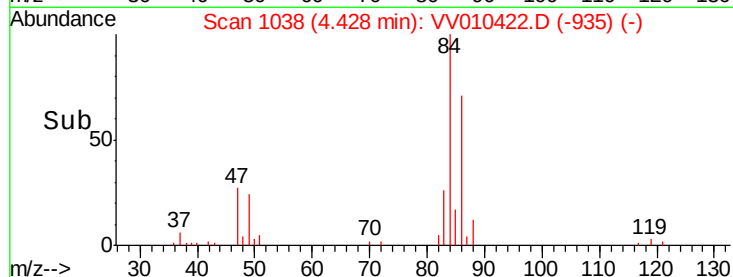
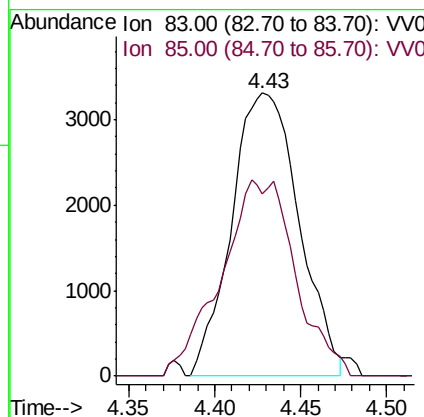
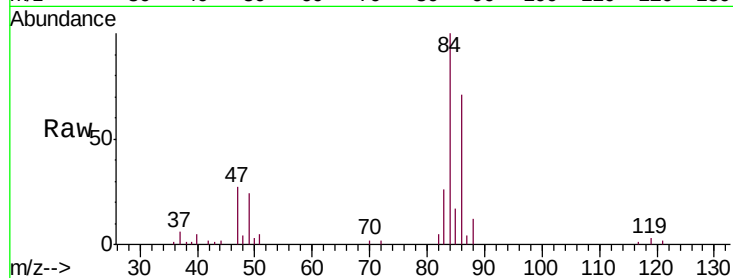




#25
 Chloroform
 Concen: 1.641 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.00 min
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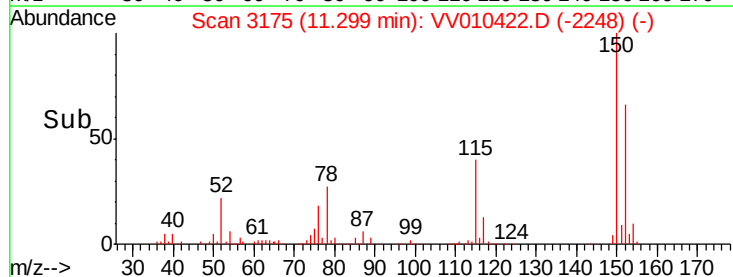
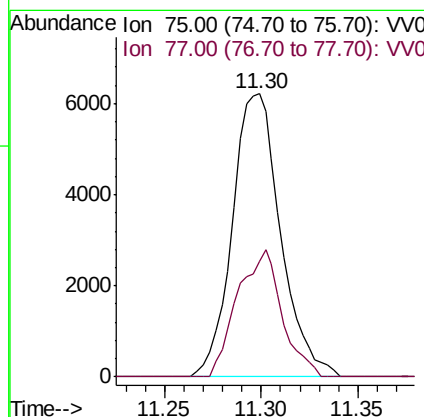
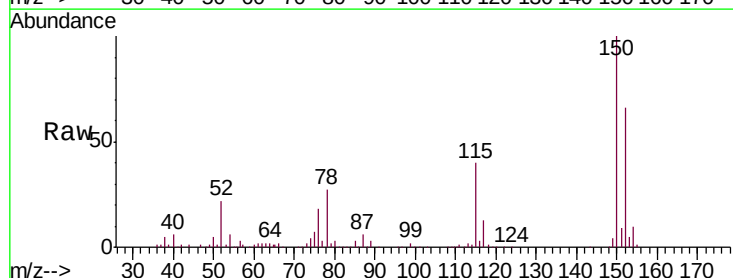
Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP6RE

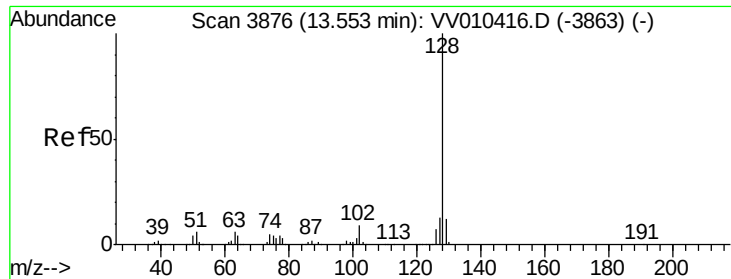
Tgt Ion: 83 Resp: 9050
 Ion Ratio Lower Upper
 83 100
 85 43.9 46.1 85.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.191 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010422.D
 Acq: 22 Apr 2019 19:51

Tgt Ion: 75 Resp: 10778
 Ion Ratio Lower Upper
 75 100
 77 41.5 26.2 39.2#





#69

Naphthalene

Concen: 9.269 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010422.D

Acq: 22 Apr 2019 19:51

Instrument :

MSVOA_V

ClientSampleId :

GAHP6RE

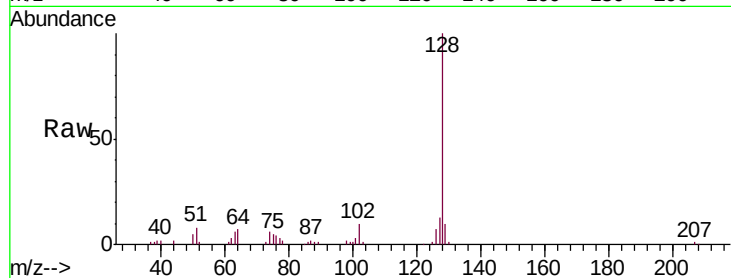
Tgt Ion:128 Resp: 52444

Ion Ratio Lower Upper

128 100

129 10.3 8.4 12.6

127 12.7 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

