

Data File : VV010661.D
Acq On : 03 May 2019 15:48
Operator : SY/MD
Sample : K2603-14
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ66RE

Quant Time: May 03 23:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86551	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18496	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.52%
7) Chloroethane-d5	1.58	69	13640	17.78	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	2.13	63	26292	13.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.72%
20) 2-Butanone-d5	3.94	46	7120	21.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.72%
24) Chloroform-d	4.40	84	43492	19.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.80%
26) 1,2-Dichloroethane-d4	5.08	65	21653	16.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.60%#
29) Benzene-d6	5.10	84	91782	23.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.40%
33) 1,2-Dichloropropane-d6	6.12	67	26313	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	7.36	98	83078	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	7.66	79	8127	16.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.32%
39) 2-Hexanone-d5	8.13	63	5632	26.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18273	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	21465	20.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.44%

Target Compounds

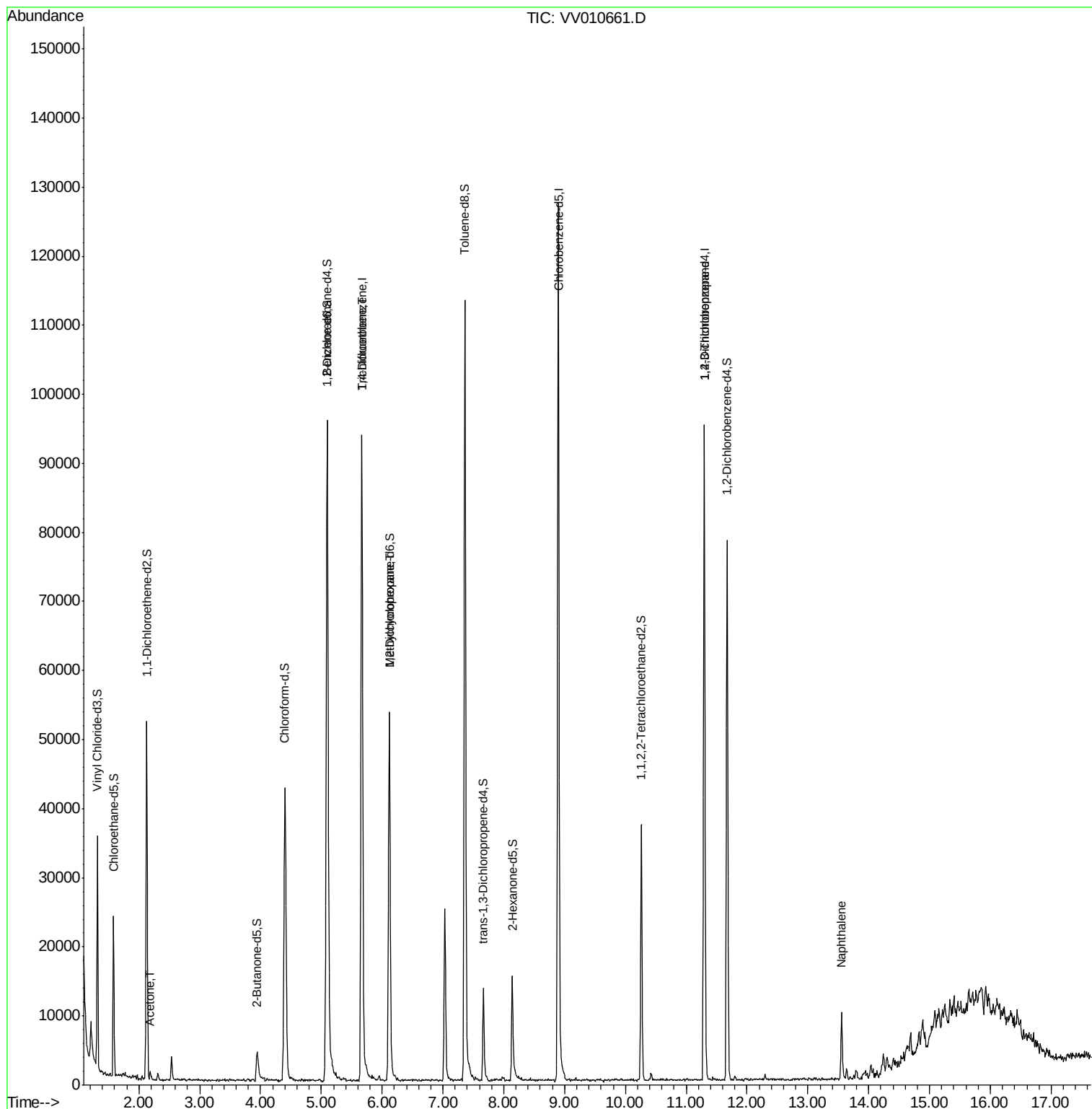
					Qvalue
13) Acetone	2.19	43	1003	3.509 ug/L	73
35) Trichloroethene	5.67	95	2374	2.295 ug/L #	4
36) Methylcyclohexane	6.12	83	7292	4.933 ug/L #	19
59) 1,2,3-Trichloropropane	11.30	75	2621	3.546 ug/L #	80
69) Naphthalene	13.55	128	8280	4.729 ug/L	99

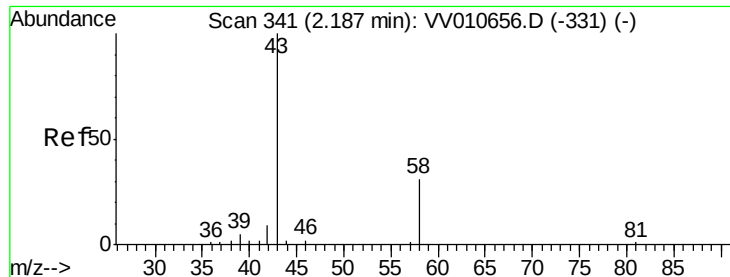
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.509 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

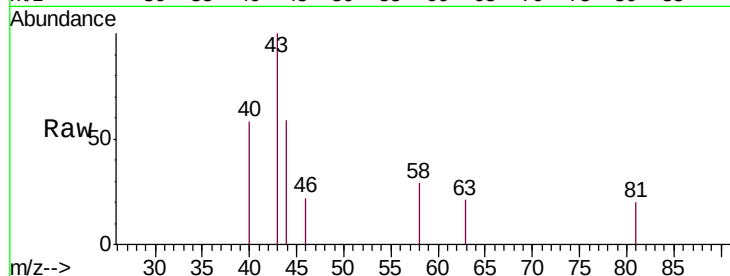
GAJ66RE

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 14.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010656.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010656.D (-331) (-)

2.19

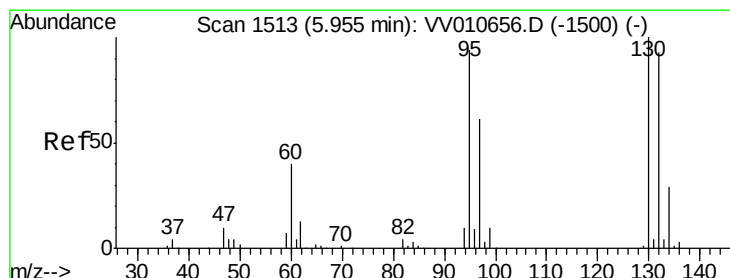
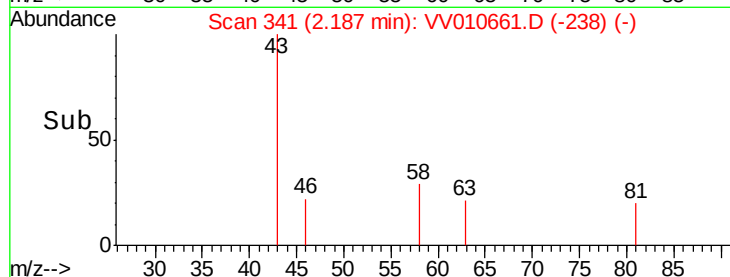
600

400

200

0

Time-->



#35

Trichloroethene

Concen: 2.295 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

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Tgt Ion: 95 Resp: 2374

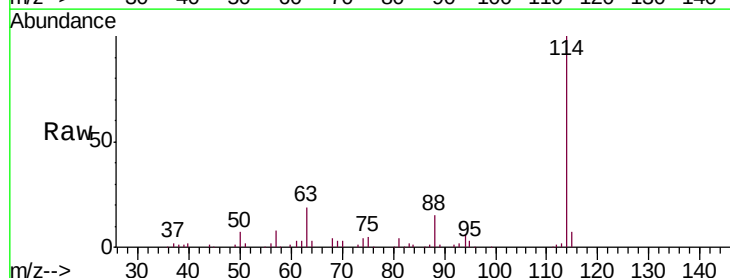
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010656.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010656.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010656.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010656.D (-1500) (-)

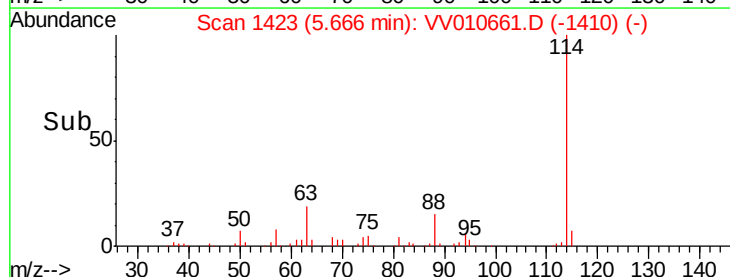
1500

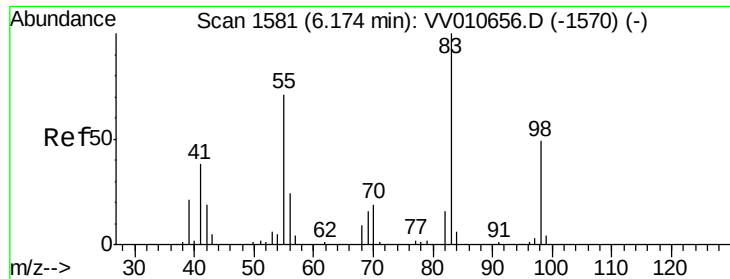
1000

500

0

Time-->

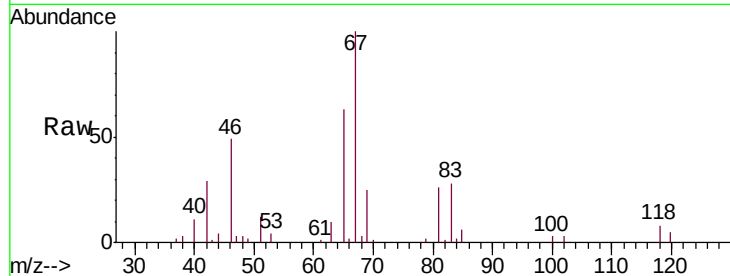




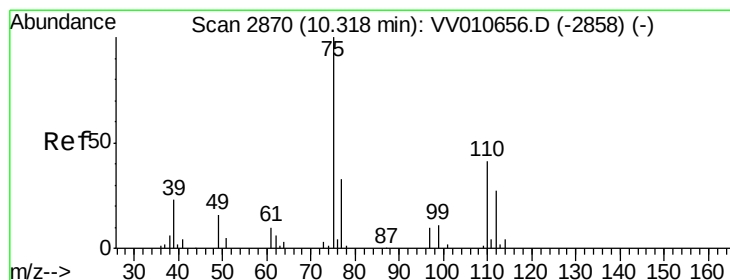
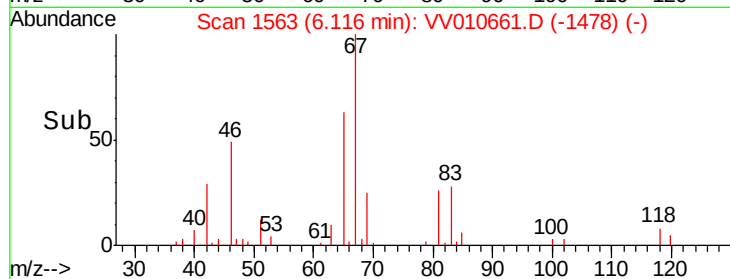
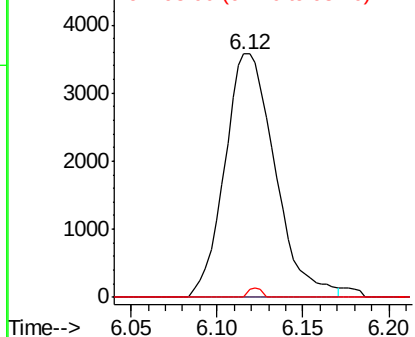
#36
Methylcyclohexane
Concen: 4.933 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 7292
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 1.0 37.4 56.2#

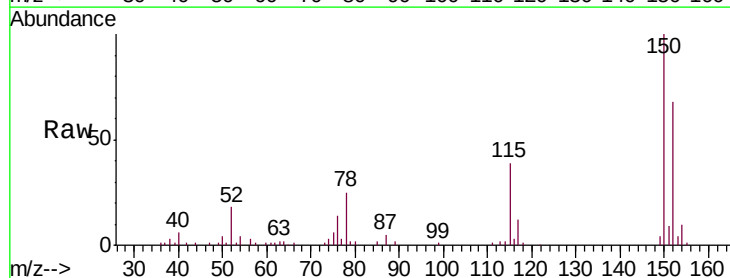


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

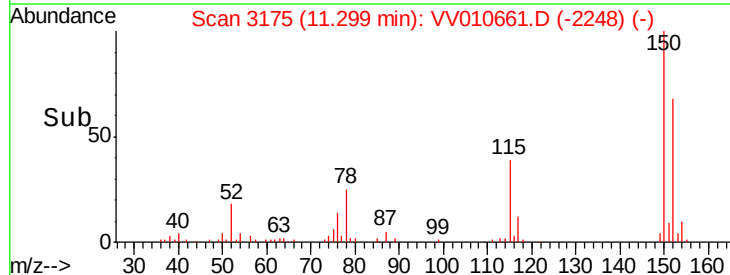
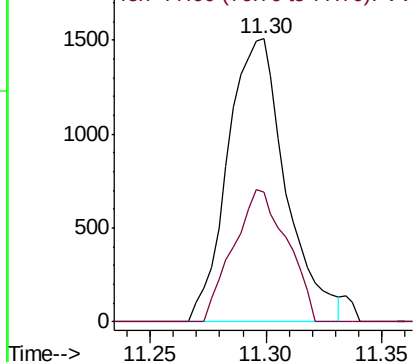


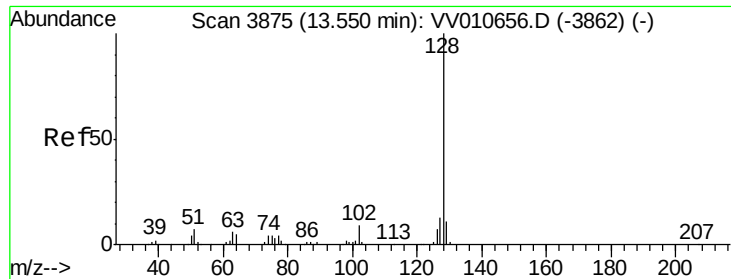
#59
1,2,3-Trichloropropane
Concen: 3.546 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010661.D
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Tgt Ion: 75 Resp: 2621
Ion Ratio Lower Upper
75 100
77 43.4 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#69

Naphthalene

Concen: 4.729 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010661.D

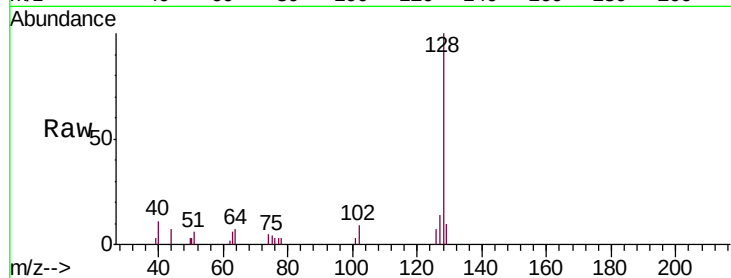
Acq: 03 May 2019 15:48

Instrument :

MSVOA_V

ClientSampleId :

GAJ66RE



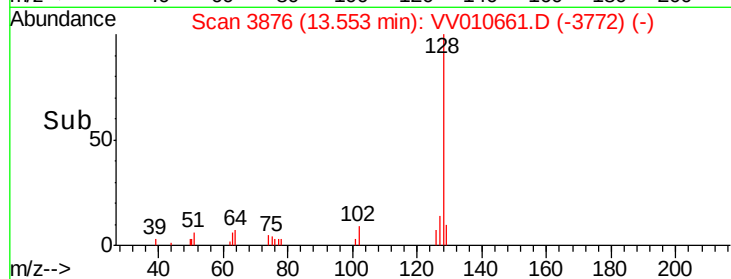
Tgt Ion:128 Resp: 8280

Ion Ratio Lower Upper

128 100

129 10.0 8.6 13.0

127 13.4 10.6 15.8



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

