

Data File : VV013004.D
Acq On : 27 Sep 2019 10:57
Operator : SY/MD
Sample : VV0927SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Quant Time: Sep 27 22:53:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 22:50:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	818061	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	783546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	377915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265512	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.68%
7) Chloroethane-d5	1.58	69	230291	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	2.13	63	357514	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	3.94	46	167844	38.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.60%
24) Chloroform-d	4.40	84	481914	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.08	65	274180	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.96%
29) Benzene-d6	5.09	84	1010050	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	6.11	67	314829	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
37) Toluene-d8	7.36	98	904809	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.66	79	120112	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	8.13	63	108318	39.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	253473	19.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	349081	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

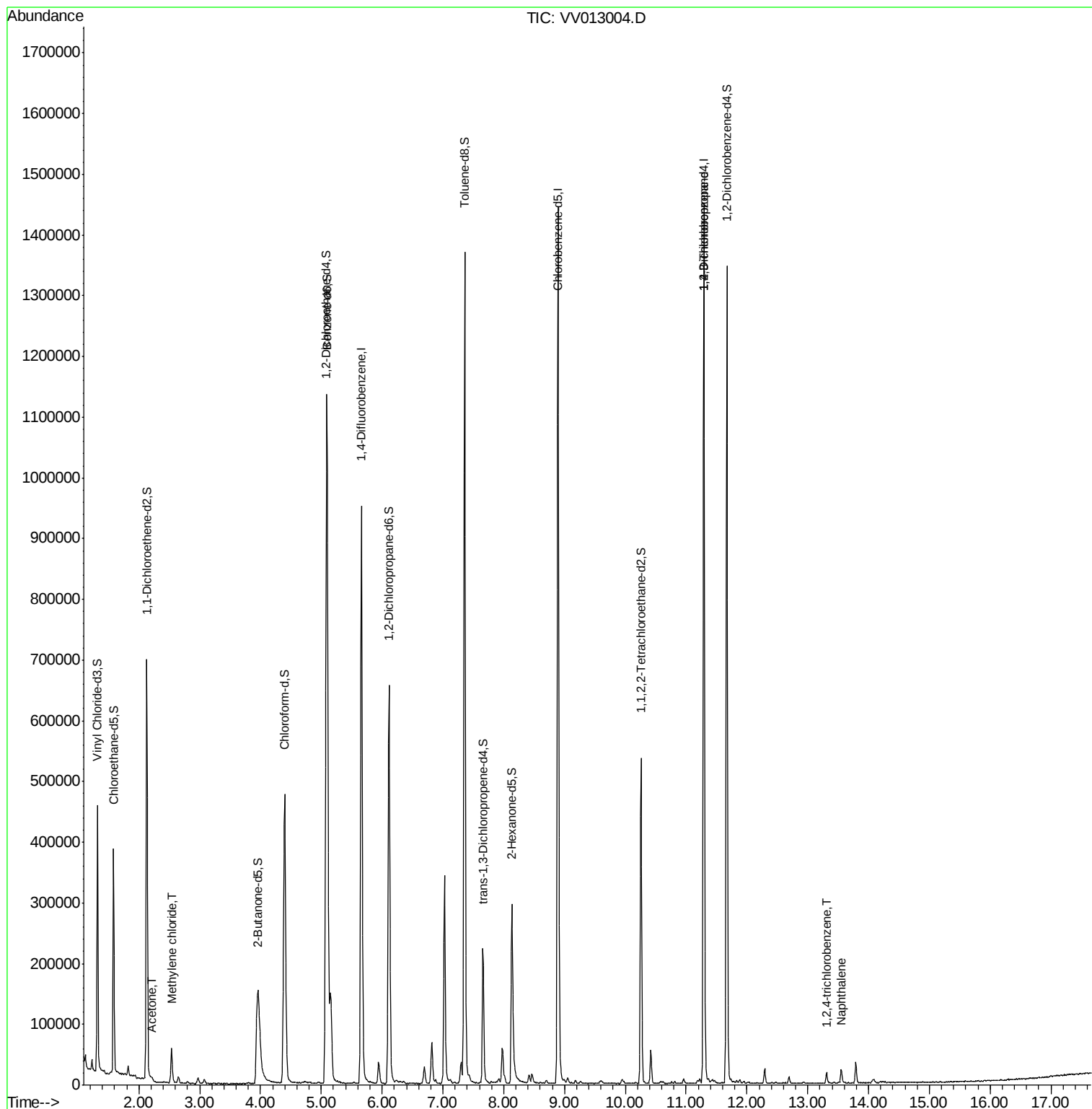
					Qvalue
13) Acetone	2.21	43	7348	1.577 ug/L	82
16) Methylene chloride	2.54	84	22355	1.828 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	45768	4.655 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	5928	0.373 ug/L	98
69) Naphthalene	13.55	128	18213	0.569 ug/L	98

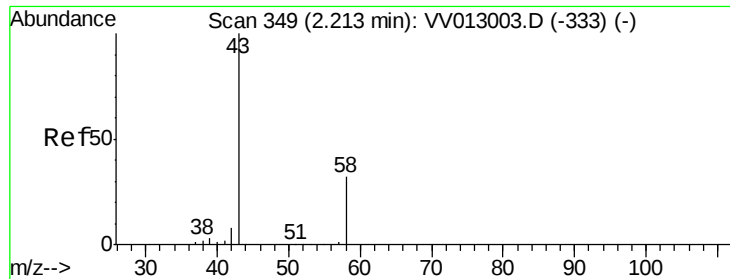
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.577 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

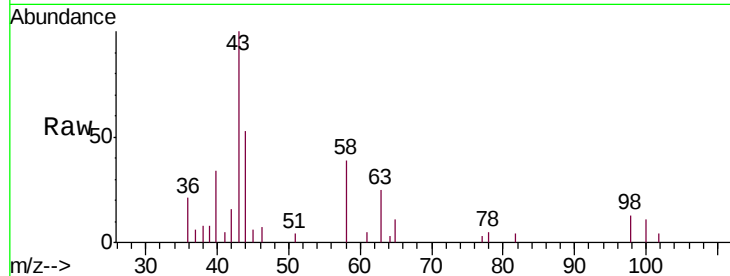
VBLK65

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

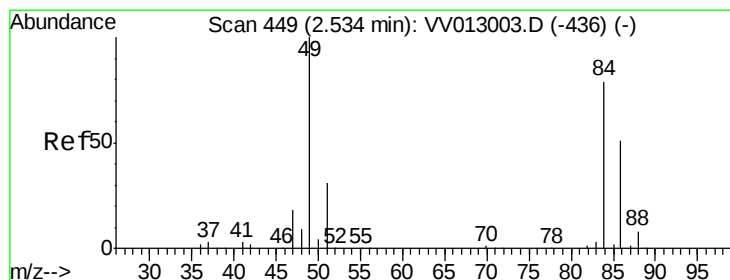
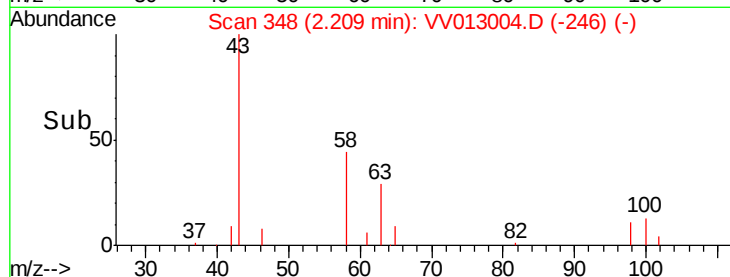
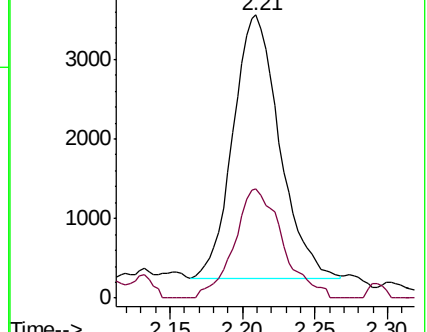
43 100

58 42.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013003.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013003.D (-333) (-)



#16

Methylene chloride

Concen: 1.828 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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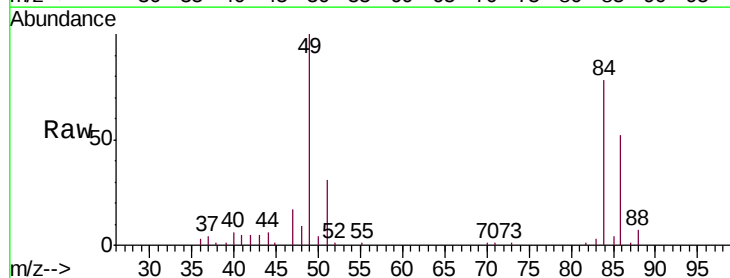
Tgt Ion: 84 Resp: 22355

Ion Ratio Lower Upper

84 100

49 128.0 88.3 164.1

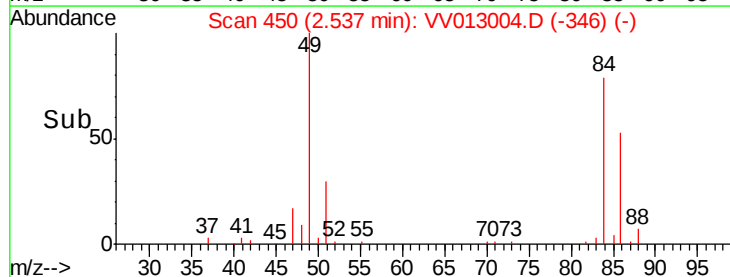
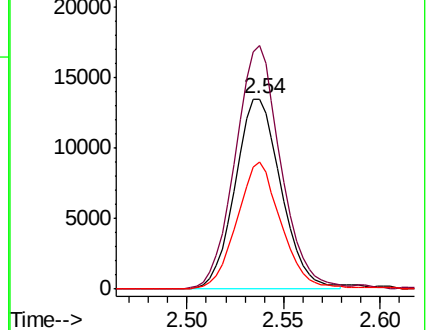
86 67.0 44.9 83.3

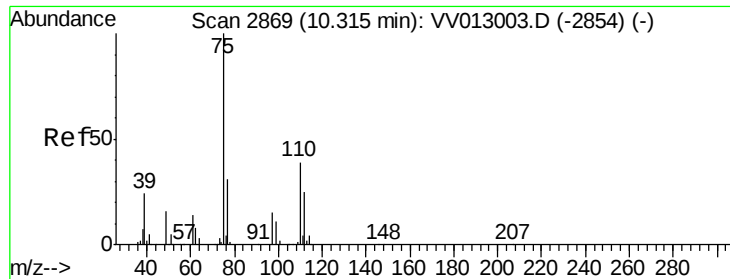


Abundance Ion 84.00 (83.70 to 84.70): VV013003.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV013003.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013003.D (-436) (-)





#59

1,2,3-Trichloropropane

Concen: 4.655 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

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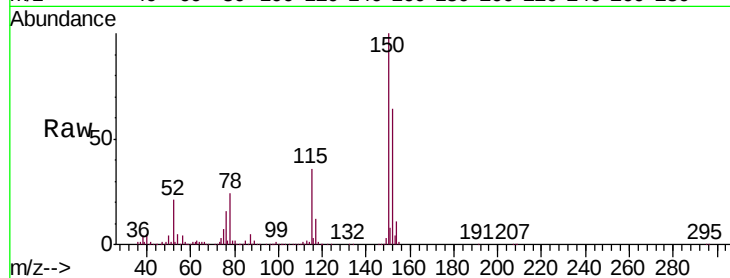
VBLK65

Tgt Ion: 75 Resp: 45768

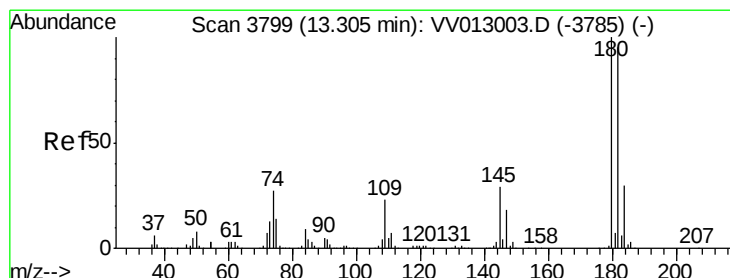
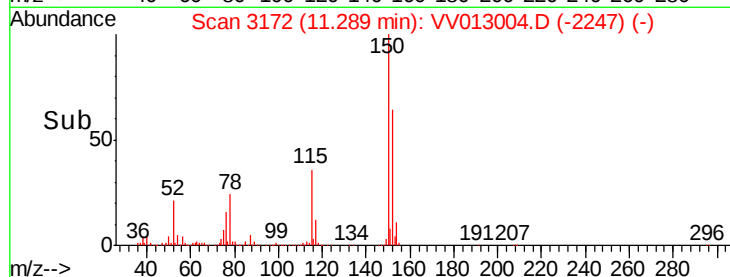
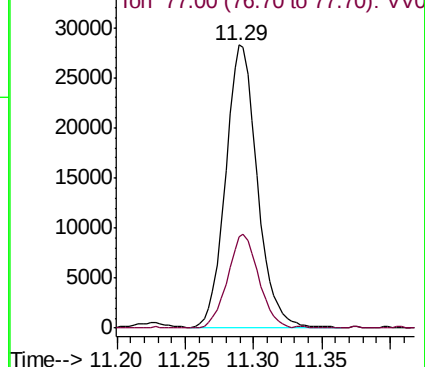
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV013004.D (-2247) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.373 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. 0.01 min

Lab File: VV013004.D

Acq: 27 Sep 2019 10:57

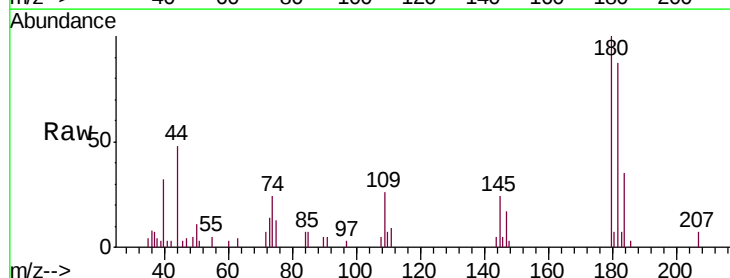
Tgt Ion: 180 Resp: 5928

Ion Ratio Lower Upper

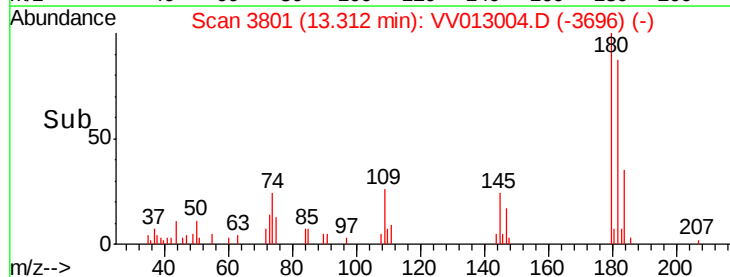
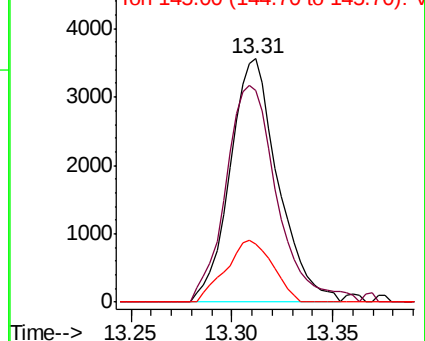
180 100

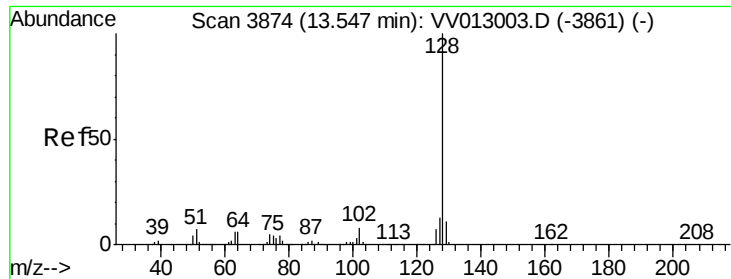
182 95.0 76.8 115.2

145 24.7 22.6 34.0



Abundance Ion 180.00 (179.70 to 180.70): VV013004.D (-3696) (-)





#69

Naphthalene

Concen: 0.569 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

Lab File: VV013004.D

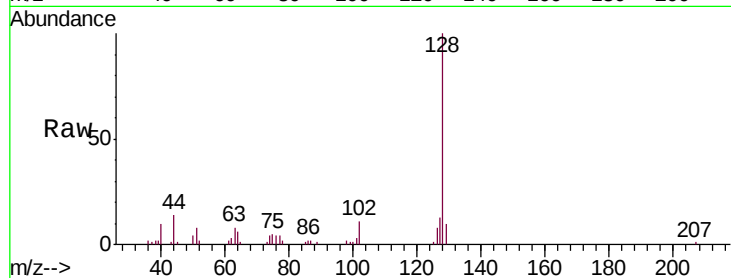
Acq: 27 Sep 2019 10:57

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VBK65



Tgt Ion:128 Resp: 18213

Ion Ratio Lower Upper

128 100

129 10.0 8.7 13.1

127 13.6 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

