

Data File : VV012959.D
Acq On : 24 Sep 2019 14:04
Operator : SY/MD
Sample : VV0924SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Quant Time: Sep 25 01:59:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 01:56:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	844635	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	815456	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	401673	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	269150	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
7) Chloroethane-d5	1.58	69	216603	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
10) 1,1-Dichloroethene-d2	2.13	63	337237	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
20) 2-Butanone-d5	3.95	46	213201	47.12	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.24%
24) Chloroform-d	4.40	84	444786	19.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.68%
26) 1,2-Dichloroethane-d4	5.08	65	266182	19.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.96%
29) Benzene-d6	5.09	84	967612	21.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.00%
33) 1,2-Dichloropropane-d6	6.11	67	297967	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.52%
37) Toluene-d8	7.36	98	862588	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	7.66	79	121925	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	8.14	63	141923	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	276727	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	341120	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

Target Compounds

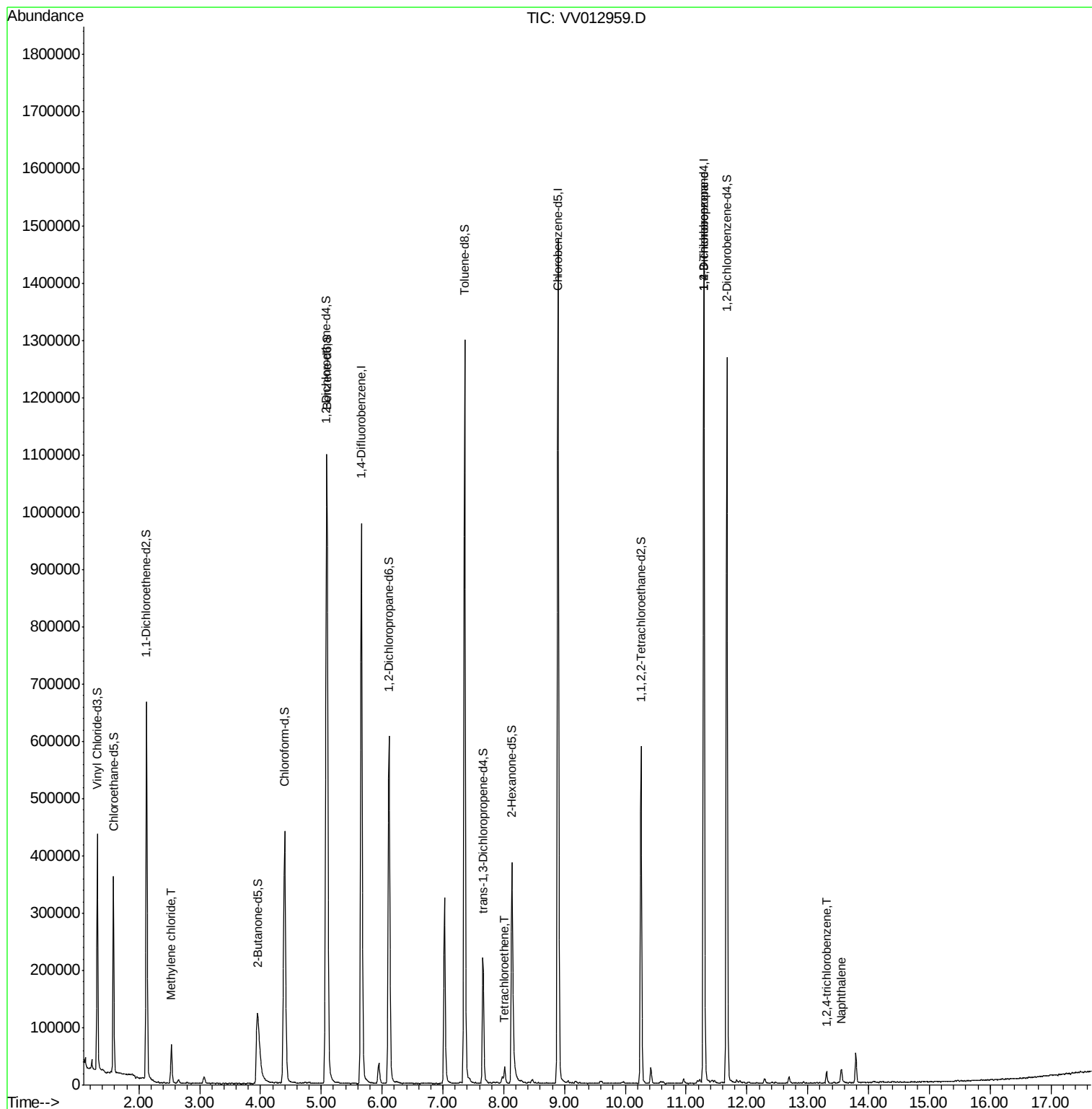
					Qvalue
16) Methylene chloride	2.53	84	26743	2.118 ug/L	95
47) Tetrachloroethene	8.02	164	6872	0.669 ug/L	88
59) 1,2,3-Trichloropropane	11.29	75	46040	4.500 ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	6365	0.376 ug/L	97
69) Naphthalene	13.55	128	20414	0.600 ug/L	98

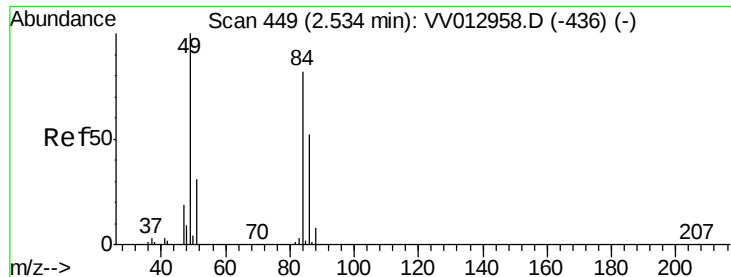
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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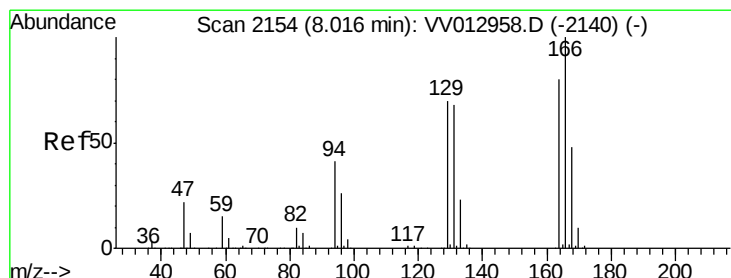
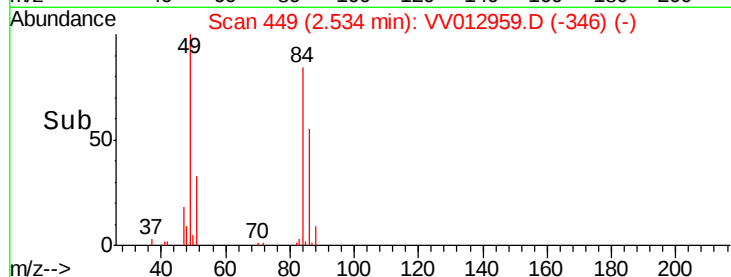
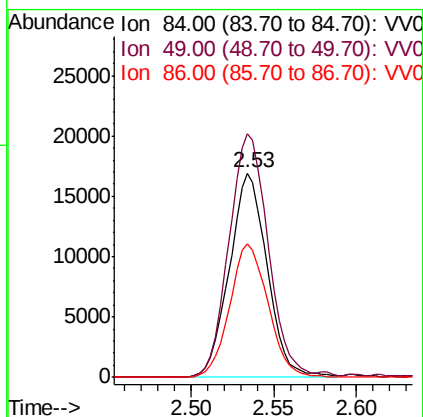
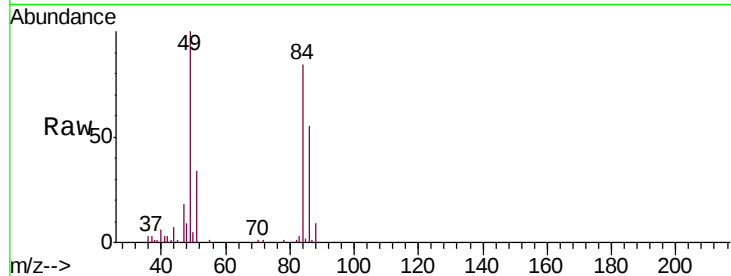




#16
Methylene chloride
Concen: 2.118 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012959.D
Acq: 24 Sep 2019 14:04

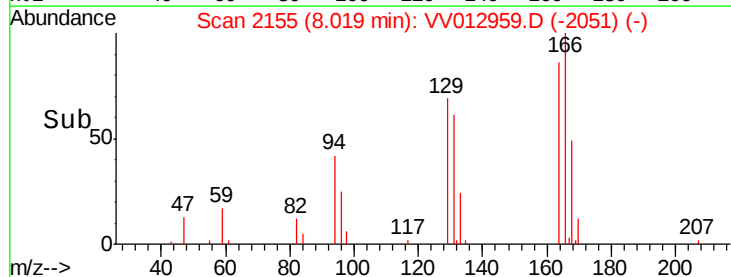
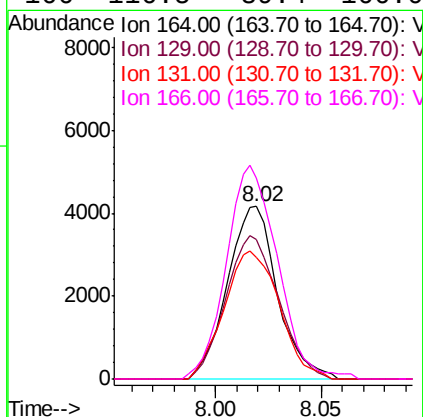
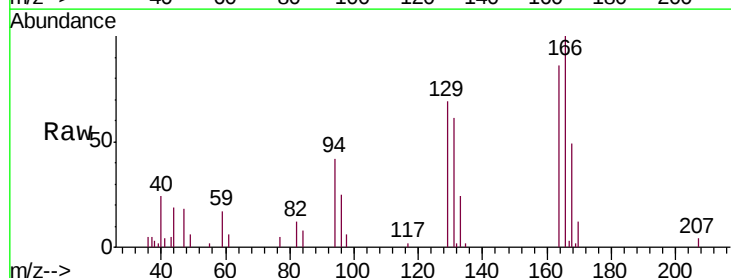
Instrument :
MSVOA_V
ClientSampled :
VBLK62

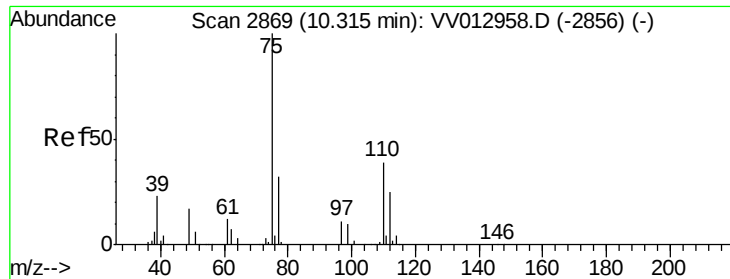
Tgt Ion: 84 Resp: 26743
Ion Ratio Lower Upper
84 100
49 119.2 88.3 164.1
86 65.3 44.9 83.3



#47
Tetrachloroethene
Concen: 0.669 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012959.D
Acq: 24 Sep 2019 14:04

Tgt Ion: 164 Resp: 6872
Ion Ratio Lower Upper
164 100
129 80.6 62.8 116.6
131 70.6 60.2 111.8
166 116.5 89.4 166.0

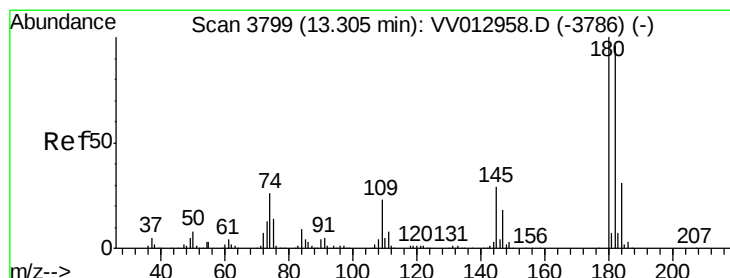
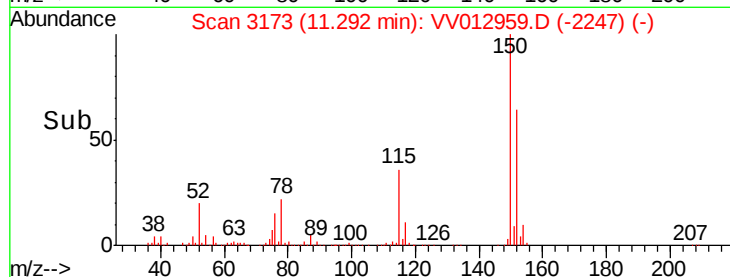
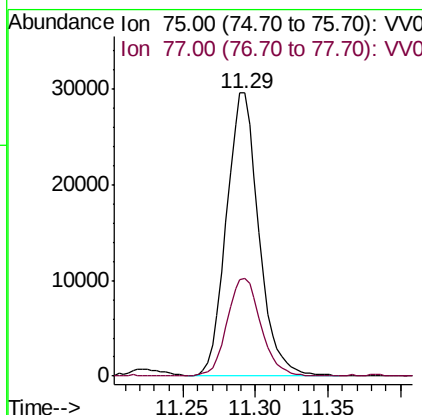
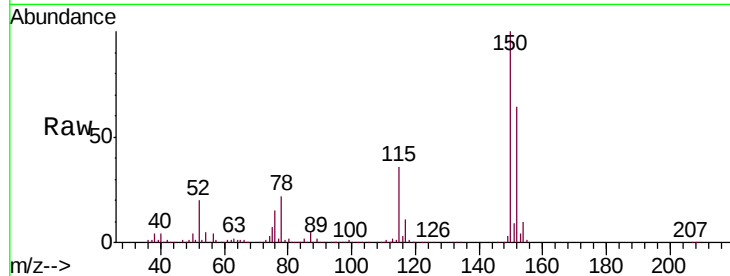




#59
 1,2,3-Trichloropropane
 Concen: 4.500 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012959.D
 Acq: 24 Sep 2019 14:04

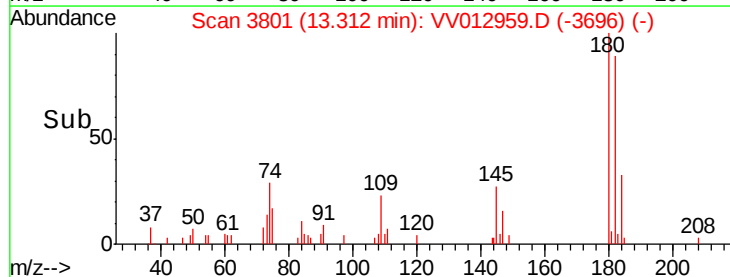
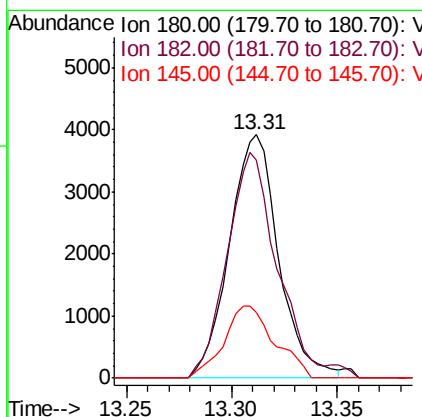
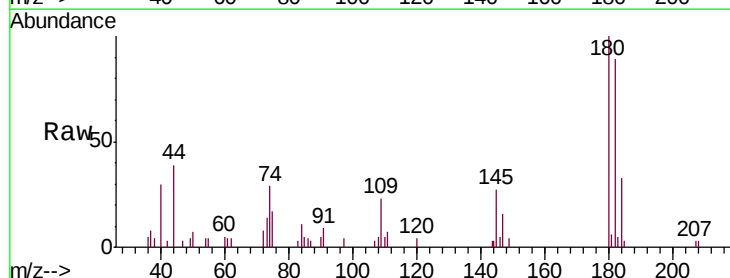
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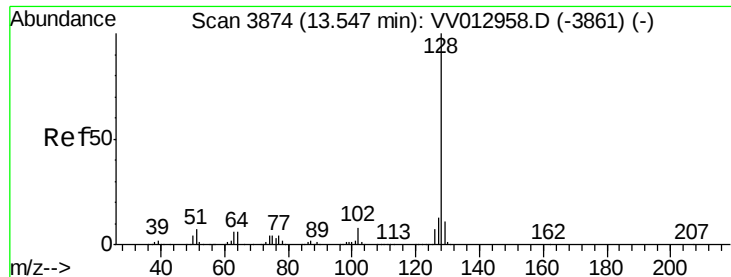
Tgt Ion: 75 Resp: 46040
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.376 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV012959.D
 Acq: 24 Sep 2019 14:04

Tgt Ion: 180 Resp: 6365
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 30.4 22.6 34.0





#69

Naphthalene

Concen: 0.600 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV012959.D

Acq: 24 Sep 2019 14:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

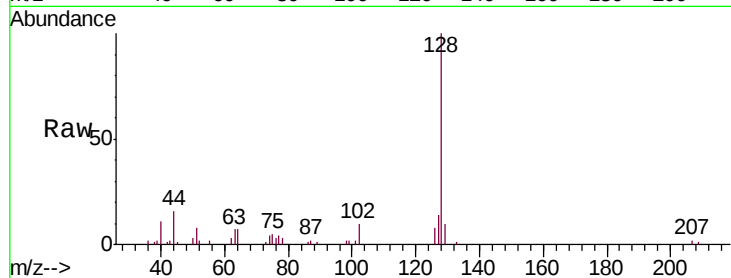
Tgt Ion:128 Resp: 20414

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.8 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

