

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010074.D
 Acq On : 19 Apr 2019 20:03
 Operator : SY/VA
 Sample : K2456-01
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:55:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361870	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82985	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
7) Chloroethane-d5	2.88	69	70033	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
10) 1,1-Dichloroethene-d2	3.99	63	179914	18.97	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	7.08	46	83625	45.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.42%
24) Chloroform-d	7.64	84	246322	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.30	65	150435	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.72%
29) Benzene-d6	8.27	84	471974	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.27	67	153062	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.32	98	416651	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	10.58	79	61097	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	10.93	63	56905	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120069	20.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	140749	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

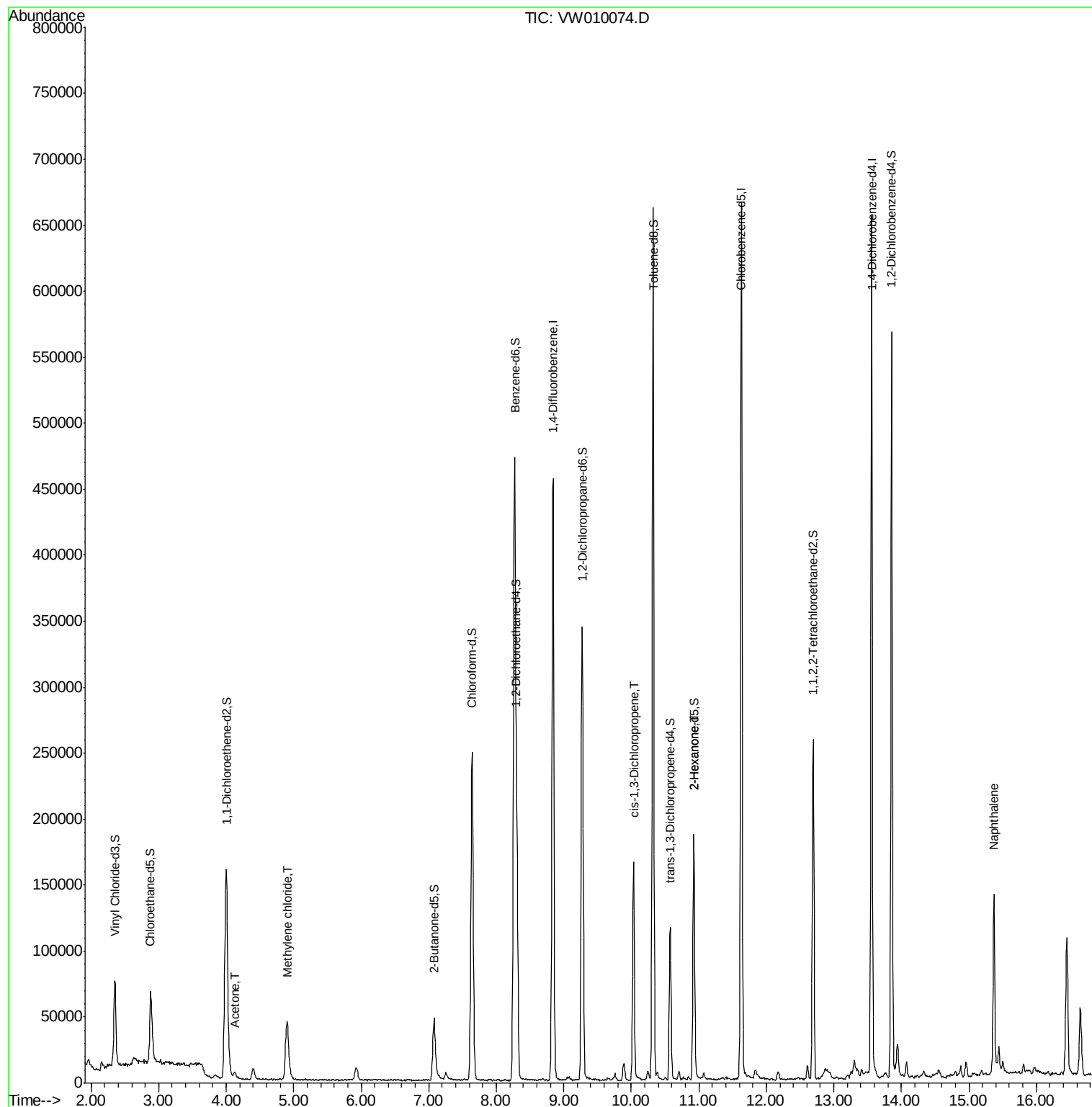
					Ovalue
13) Acetone	4.12	43	5708	3.470 ug/L	100
16) Methylene chloride	4.90	84	34457	5.259 ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	4645	0.550 ug/L #	76
49) 2-Hexanone	10.93	43	8419	2.624 ug/L #	77
69) Naphthalene	15.37	128	109536	9.016 ug/L	98

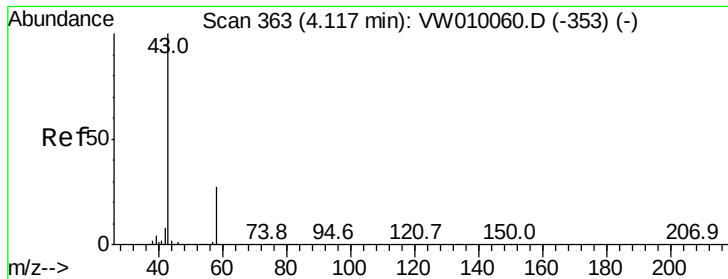
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.470 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010074.D

Acq: 19 Apr 2019 20:03

Instrument :

MSVOA_W

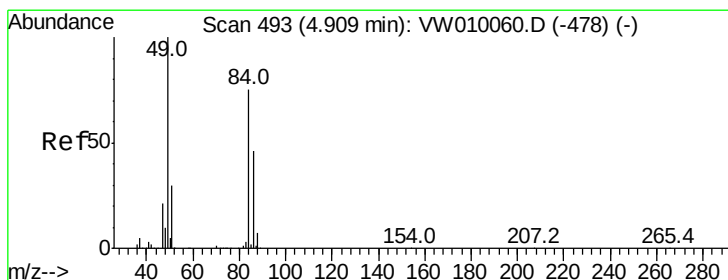
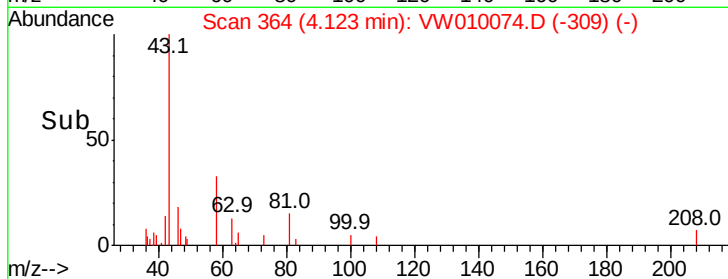
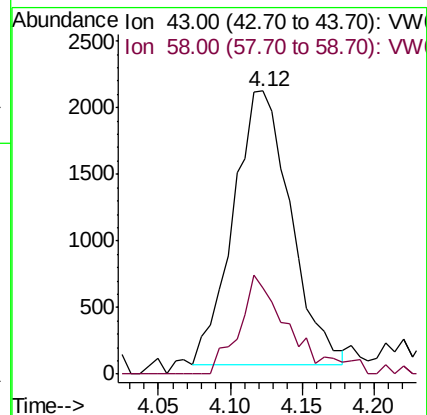
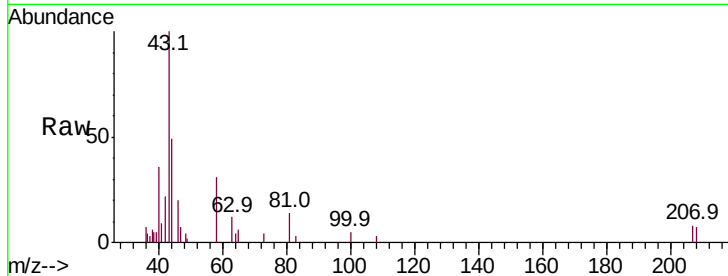
ClientSampleId :

Tot Ion: 43 Resp: 5708

Ion Ratio Lower Upper

43 100

58 28.0 0.0 56.2



#16

Methylene chloride

Concen: 5.259 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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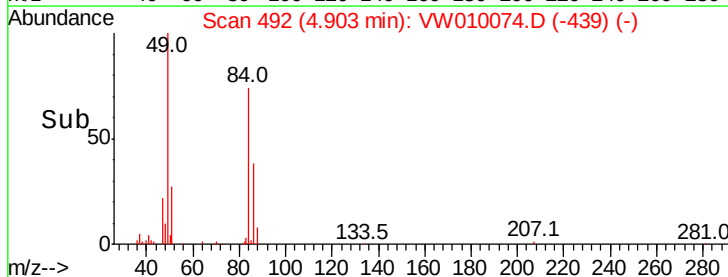
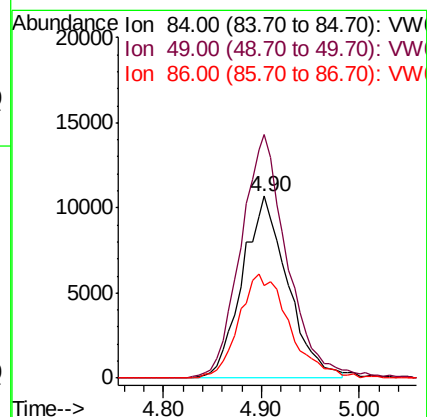
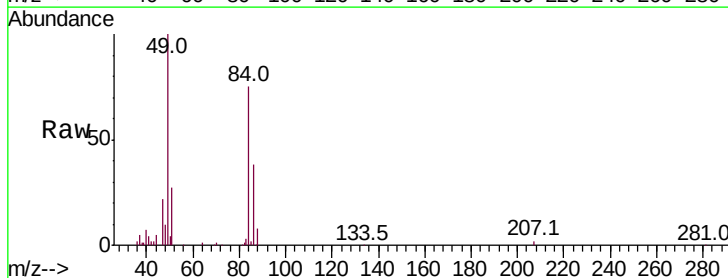
Tgt Ion: 84 Resp: 34457

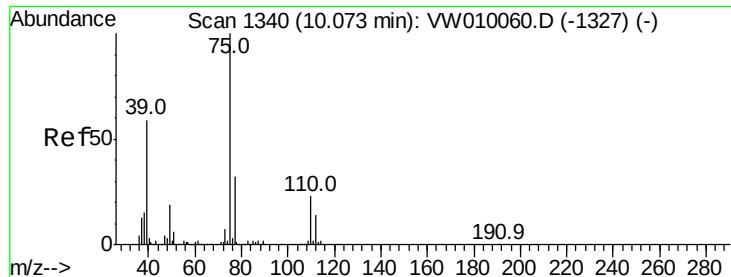
Ion Ratio Lower Upper

84 100

49 133.7 100.7 187.1

86 50.9 43.8 81.3

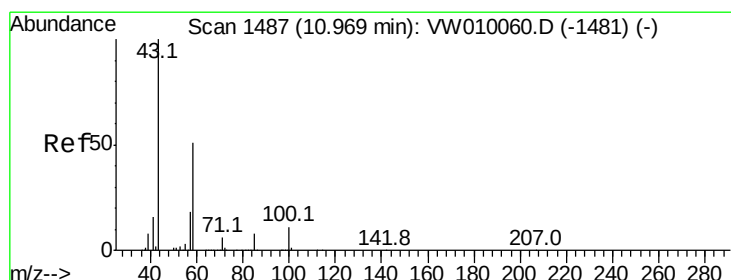
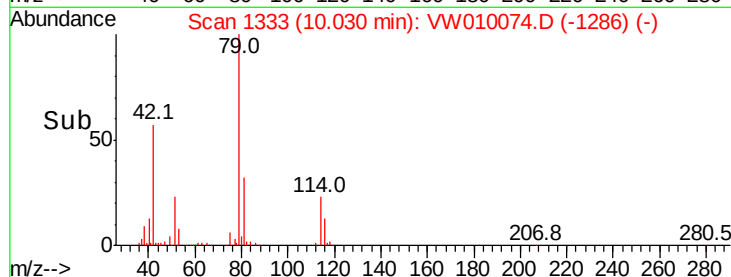
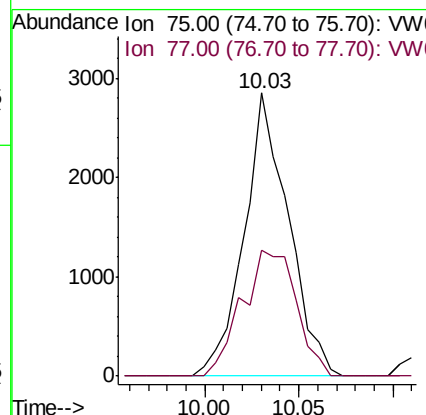
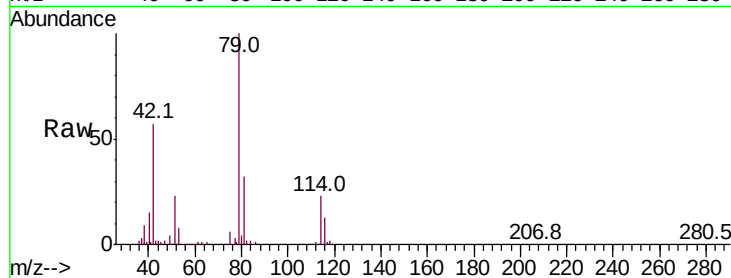




#42
 cis-1,3-Dichloropropene
 Concen: 0.550 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
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 Acq: 19 Apr 2019 20:03

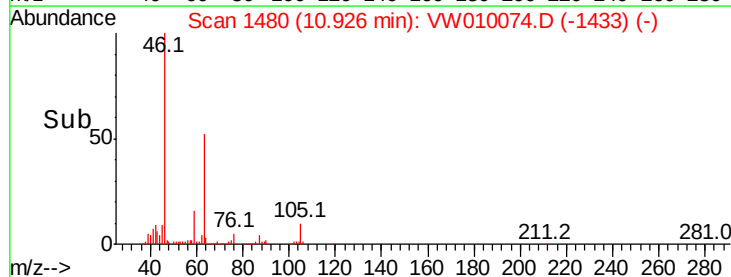
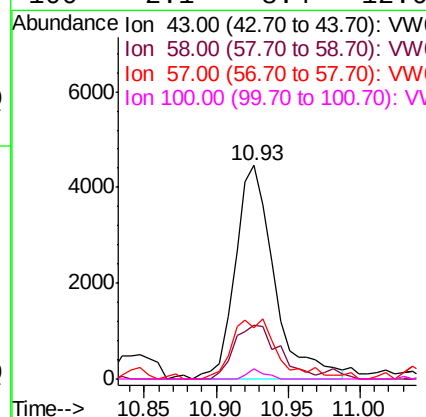
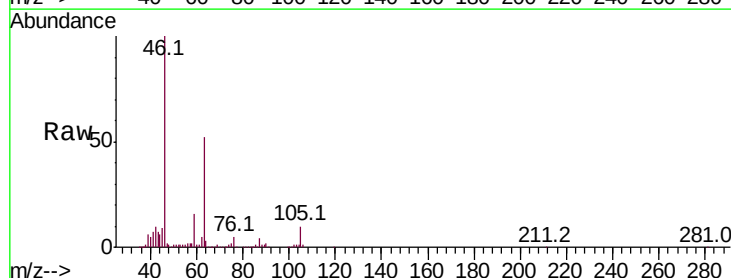
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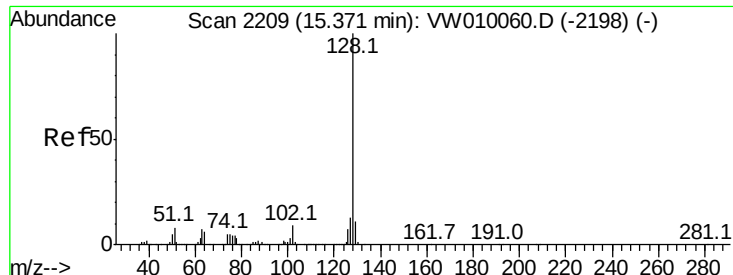
Tot Ion: 75 Resp: 4645
 Ion Ratio Lower Upper
 75 100
 77 44.6 21.8 40.4#



#49
 2-Hexanone
 Concen: 2.624 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW010074.D
 Acq: 19 Apr 2019 20:03

Tgt Ion: 43 Resp: 8419
 Ion Ratio Lower Upper
 43 100
 58 29.1 39.8 59.8#
 57 18.0 14.1 21.1
 100 2.1 8.4 12.6#





#69

Naphthalene

Concen: 9.016 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010074.D

Acq: 19 Apr 2019 20:03

Instrument :

MSVOA_W

ClientSampleId :

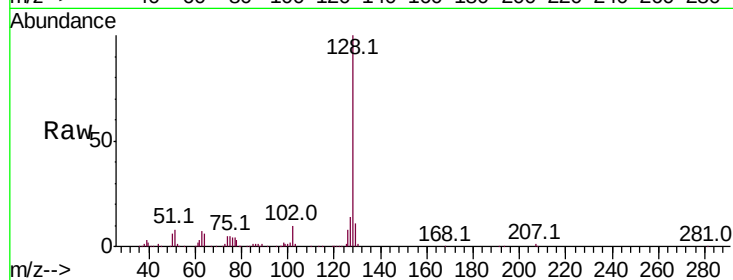
Tot Ion:128 Resp: 109536

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 14.3 10.6 16.0



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

