

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010073.D
 Acq On : 19 Apr 2019 19:34
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:54:59 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	776764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	741196	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	360100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	174402	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
7) Chloroethane-d5	2.89	69	141974	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	350269	17.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.84%
20) 2-Butanone-d5	7.08	46	209114	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
24) Chloroform-d	7.64	84	485773	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.45	65	133	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	957837	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	308654	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.16%
37) Toluene-d8	10.32	98	884974	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	143518	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	10.93	63	161721	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	280048	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	322560	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

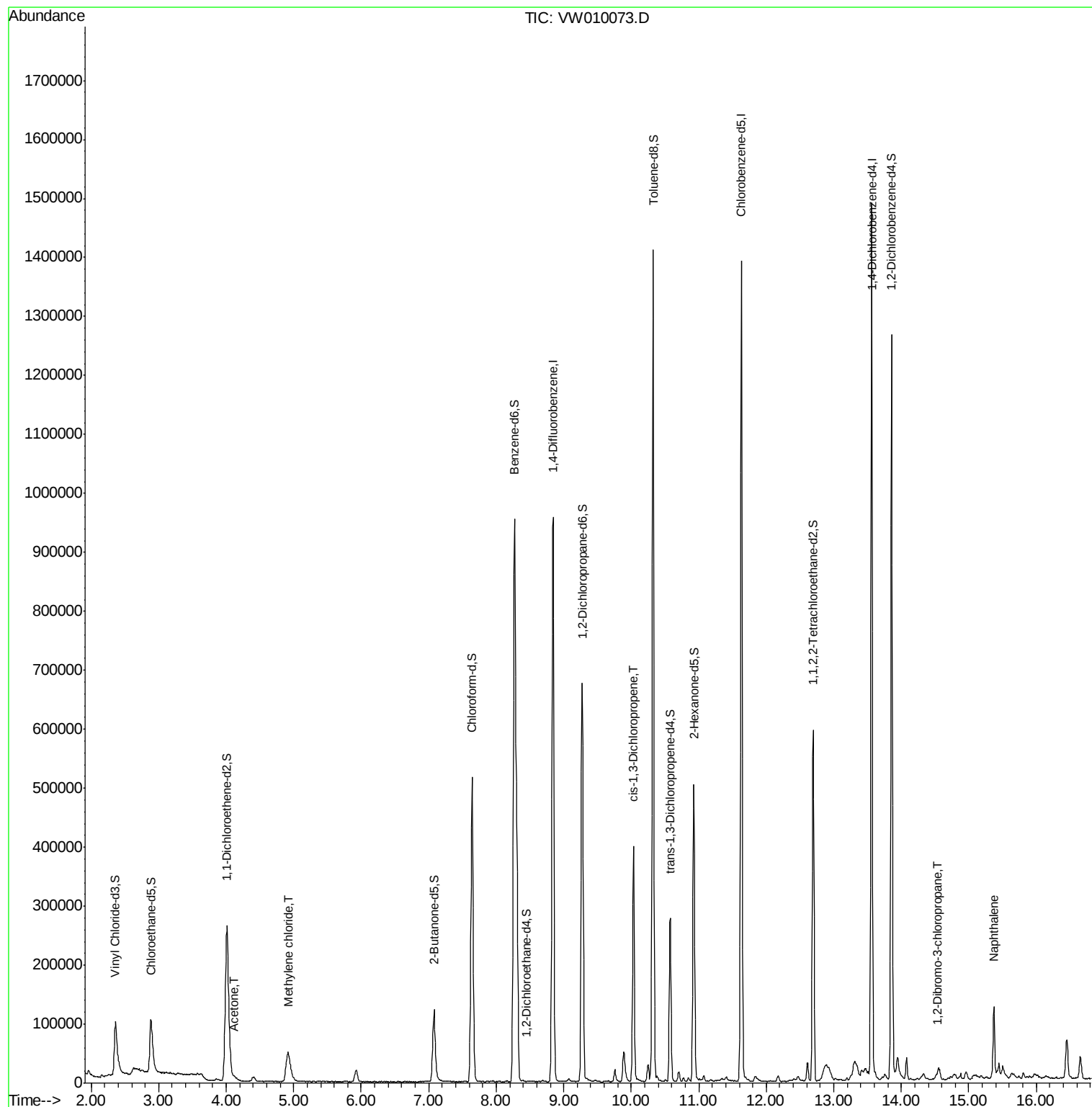
					Ovalue
13) Acetone	4.12	43	5190	1.470 ug/L	80
16) Methylene chloride	4.91	84	51565	3.666 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	10173	0.571 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.54	75	1425	0.660 ug/L #	8
69) Naphthalene	15.37	128	100673	3.593 ug/L	99

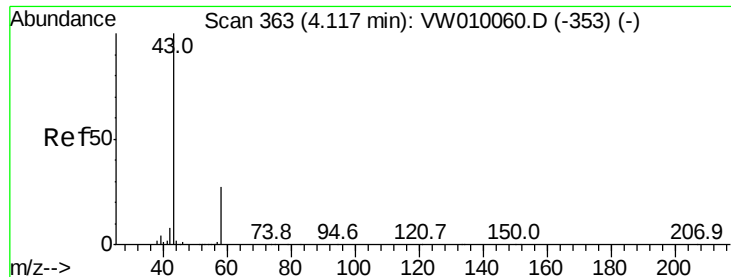
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.470 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010073.D

Acq: 19 Apr 2019 19:34

Instrument :

MSVOA_W

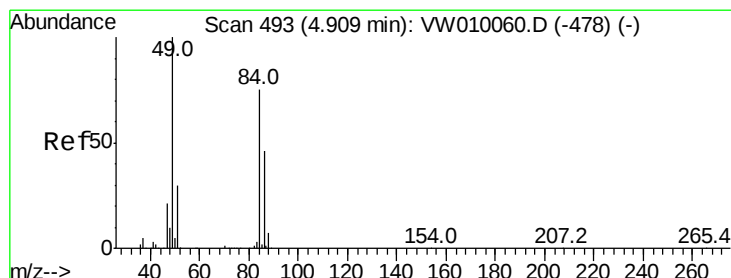
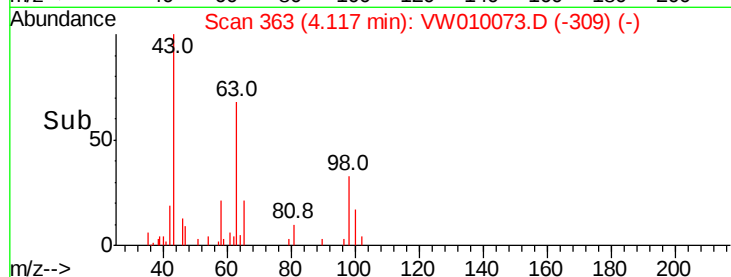
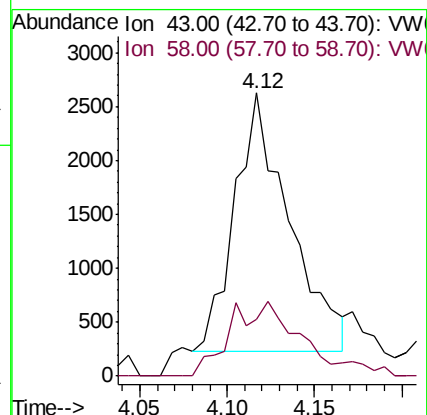
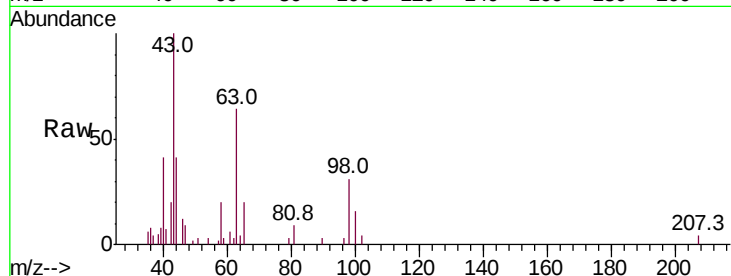
ClientSampleId :

Tot Ion: 43 Resp: 5190

Ion Ratio Lower Upper

43 100

58 17.4 0.0 56.2



#16

Methylene chloride

Concen: 3.666 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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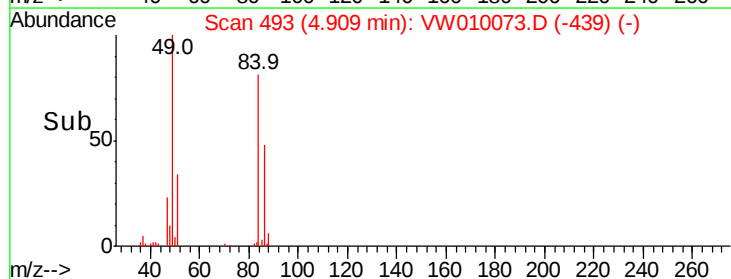
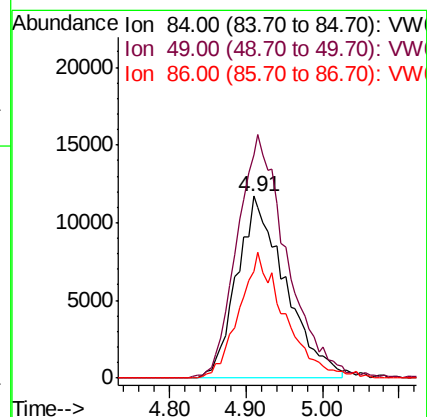
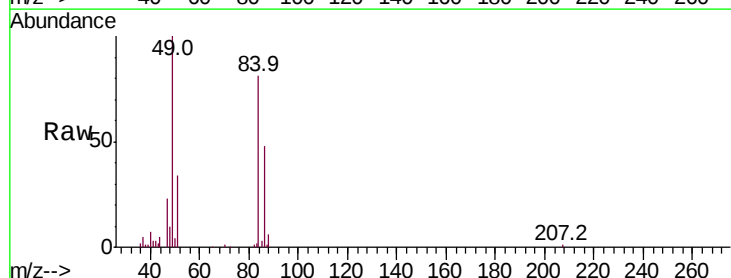
Tgt Ion: 84 Resp: 51565

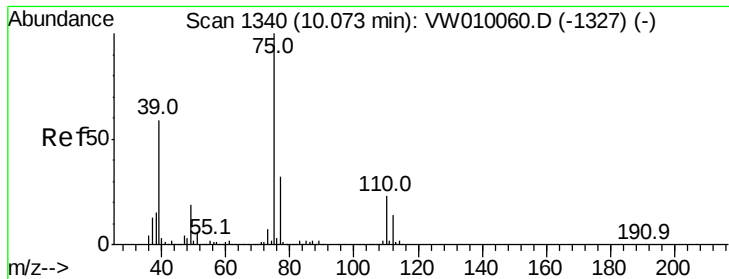
Ion Ratio Lower Upper

84 100

49 123.0 100.7 187.1

86 59.0 43.8 81.3





#42

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

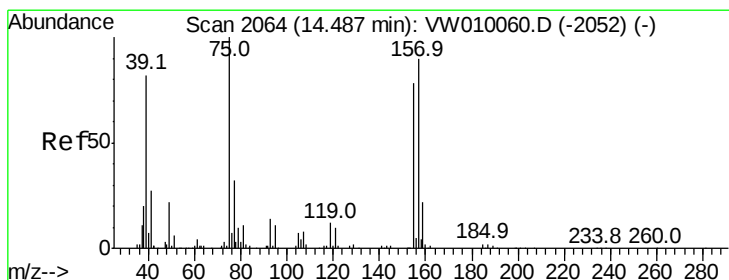
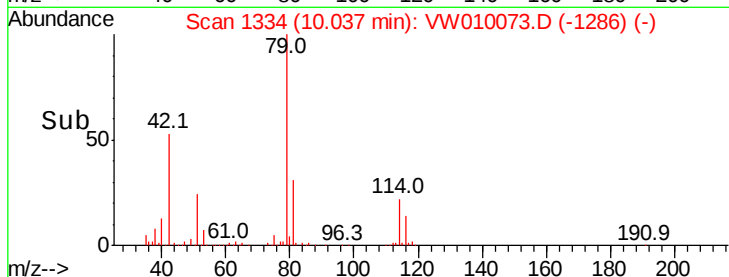
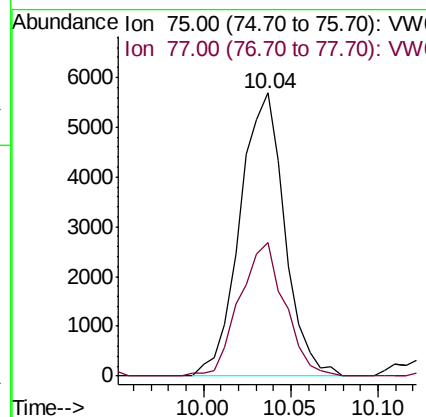
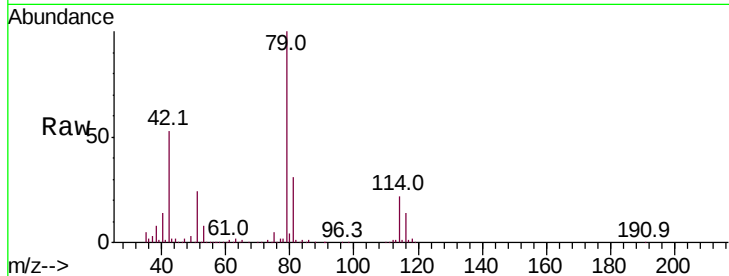
ClientSampleId :

Tot Ion: 75 Resp: 10173

Ion Ratio Lower Upper

75 100

77 47.2 21.8 40.4#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.660 ug/L

RT: 14.54 min Scan# 2072

Delta R.T. 0.05 min

Lab File: VW010073.D

Acq: 19 Apr 2019 19:34

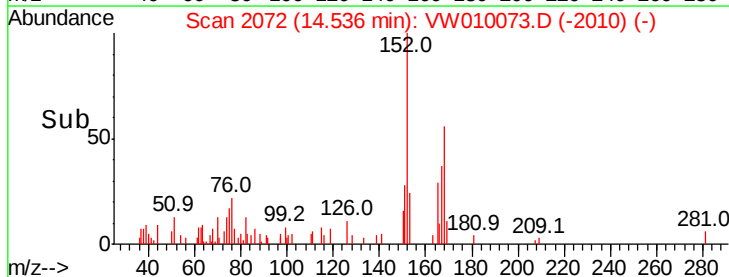
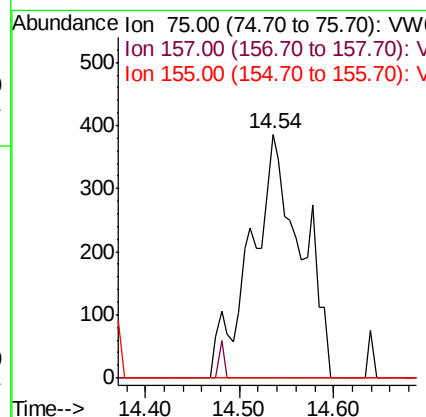
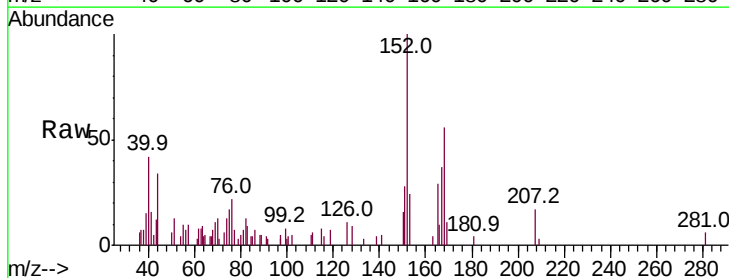
Tgt Ion: 75 Resp: 1425

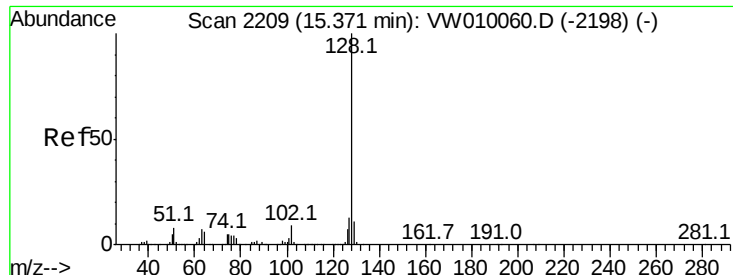
Ion Ratio Lower Upper

75 100

157 0.0 73.3 109.9#

155 0.0 58.6 88.0#





#69

Naphthalene

Concen: 3.593 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010073.D

Acq: 19 Apr 2019 19:34

Instrument :

MSVOA_W

ClientSampleId :

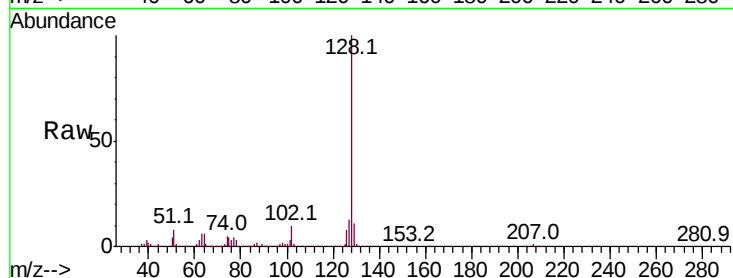
Tot Ion:128 Resp: 100673

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 14.1 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

