

Data File : VR026190.D
Acq On : 6 Nov 2018 14:15
Operator : SY/MD
Sample : VIBLK86
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK87

Quant Time: Nov 06 15:56:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	777593	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	618453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	231096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	241803	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	2.63	69	231311	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	3.60	63	479982	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	6.58	46	275532	49.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	7.20	84	435430	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.89	65	189500	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	7.85	84	886205	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	8.90	67	228395	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	9.97	98	829658	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	56132	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	202032	51.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89285	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	164089	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

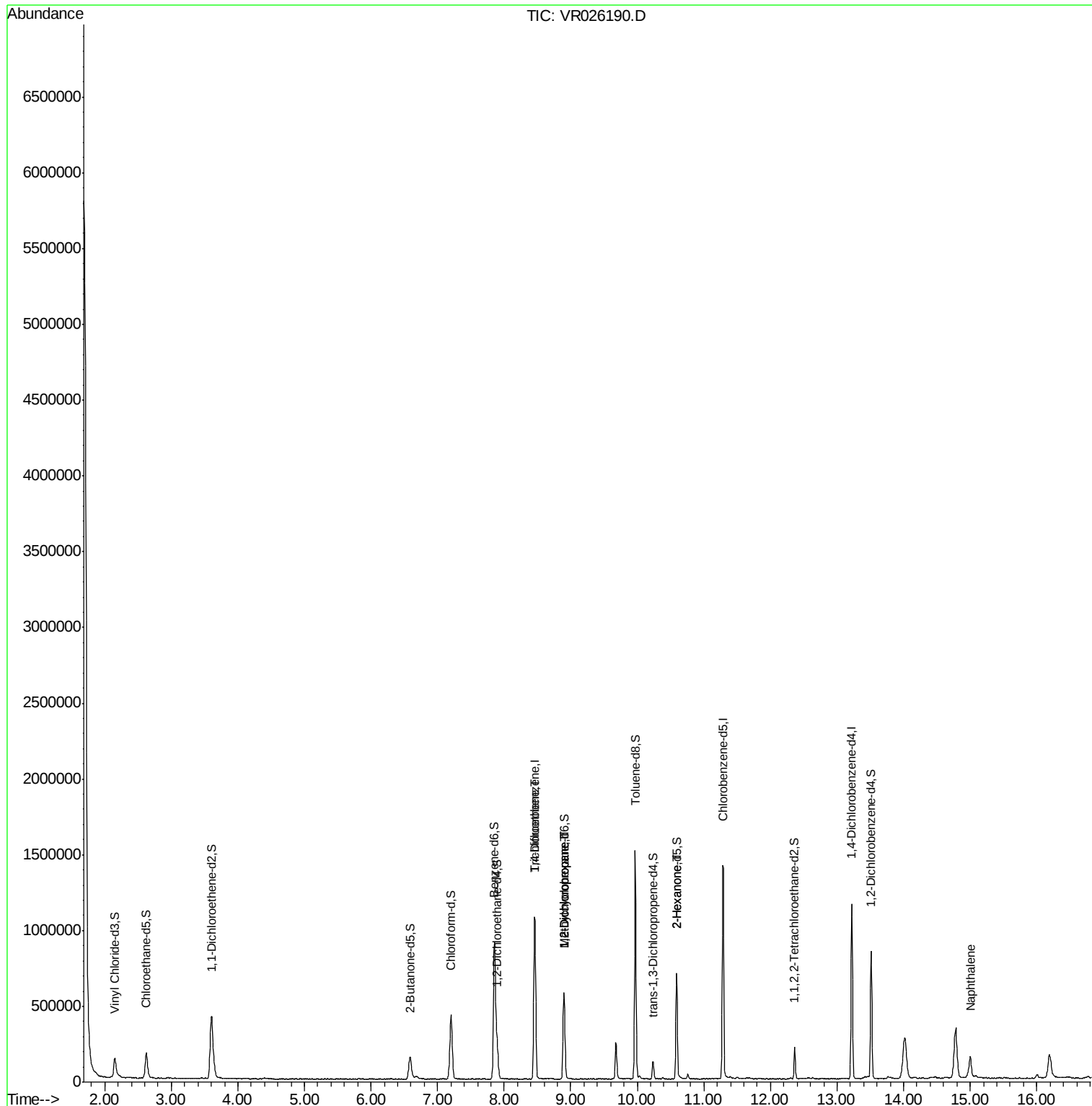
					Qvalue	
34) Trichloroethene	8.46	95	27135	0.457	ug/L #	9
35) Methylcyclohexane	8.90	83	60109	0.680	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	30295	0.619	ug/L #	91
48) 2-Hexanone	10.59	43	29872	3.059	ug/L #	68
69) Naphthalene	15.00	128	166995	6.299	ug/L	96

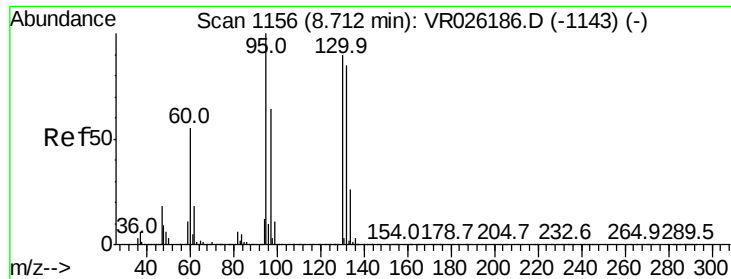
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.457 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

VIBLK87

Tgt Ion: 95 Resp: 27135

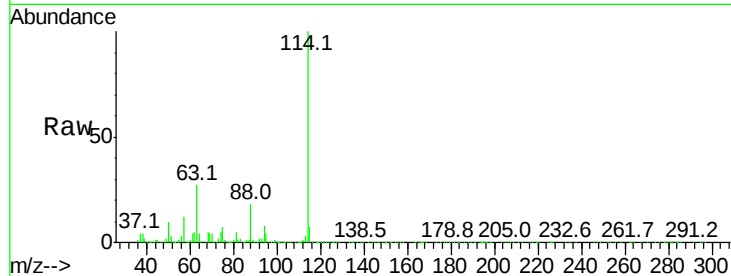
Ion Ratio Lower Upper

95 100

97 0.6 45.7 84.9#

132 0.0 58.3 108.3#

130 0.0 64.0 119.0#

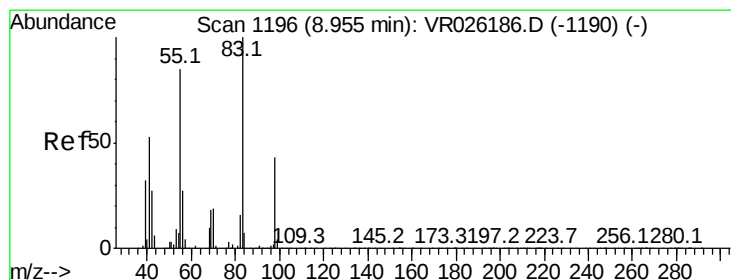
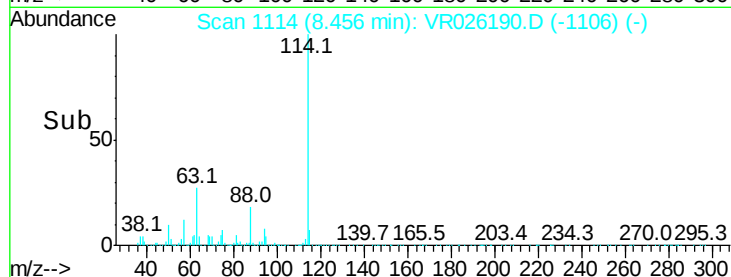
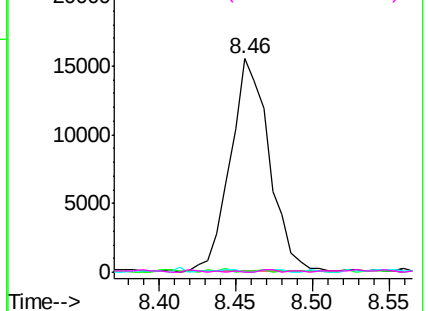


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026190.D

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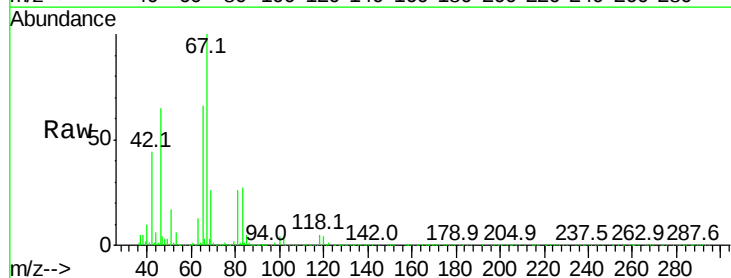
Tgt Ion: 83 Resp: 60109

Ion Ratio Lower Upper

83 100

55 0.8 66.8 100.2#

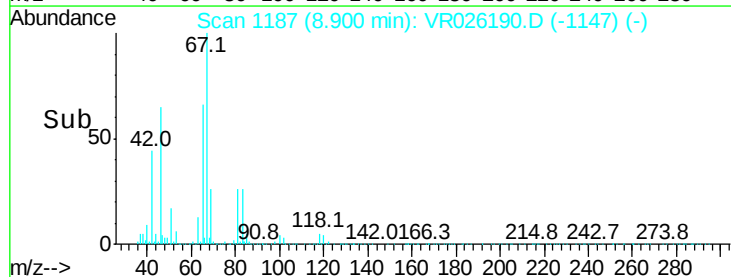
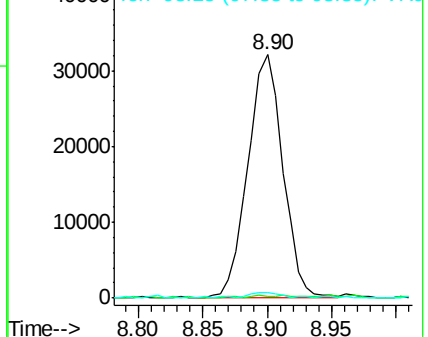
98 1.9 35.2 52.8#

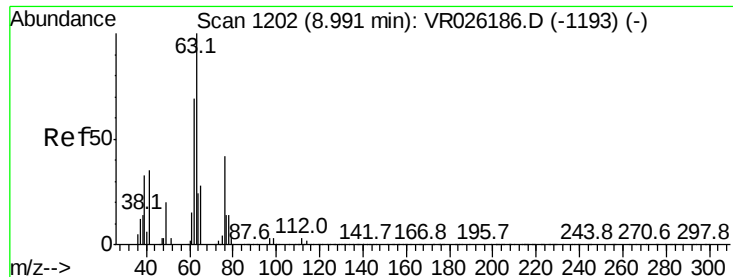


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

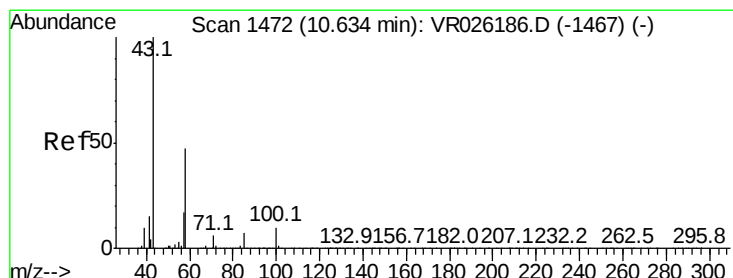
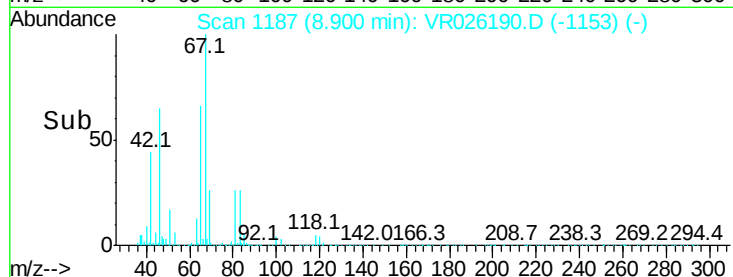
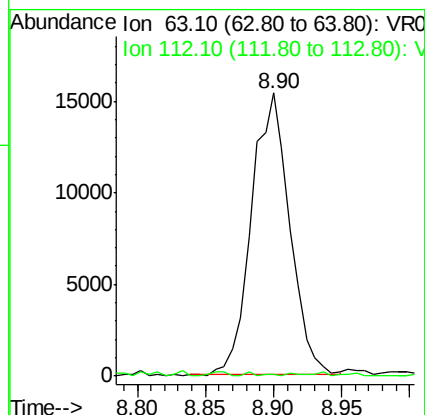
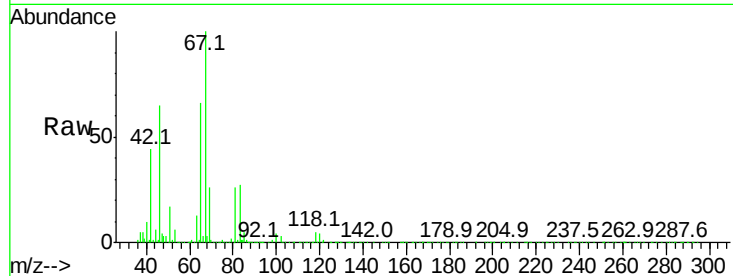




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026190.D
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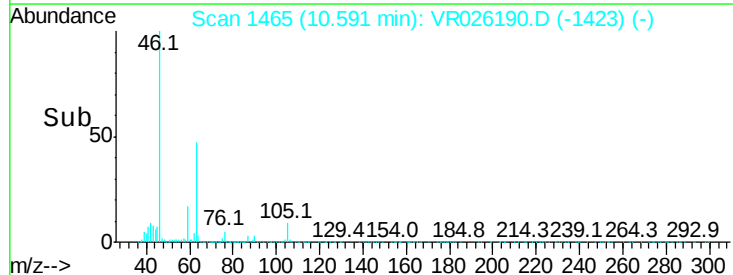
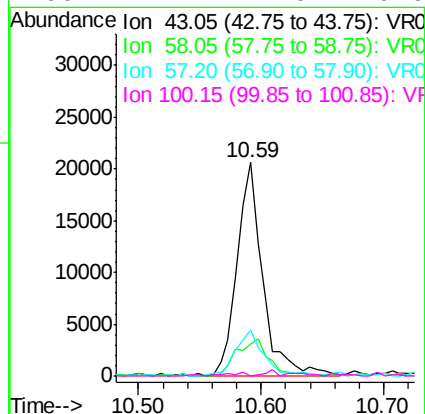
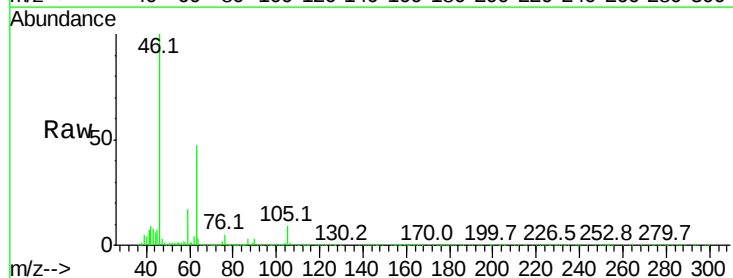
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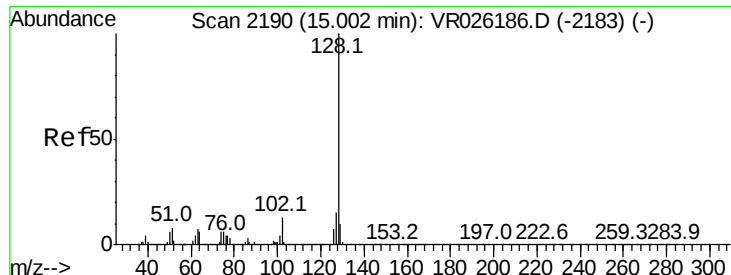
Tgt Ion: 63 Resp: 30295
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.7 4.1#



#48
 2-Hexanone
 Concen: 3.059 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026190.D
 Acq: 6 Nov 2018 14:15

Tgt Ion: 43 Resp: 29872
 Ion Ratio Lower Upper
 43 100
 58 22.0 39.6 59.4#
 57 24.5 14.0 21.0#
 100 1.1 7.0 10.6#





#69

Naphthalene

Concen: 6.299 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VR026190.D

Acq: 6 Nov 2018 14:15

Instrument :

MSVOA_R

ClientSampleId :

VIBLK87

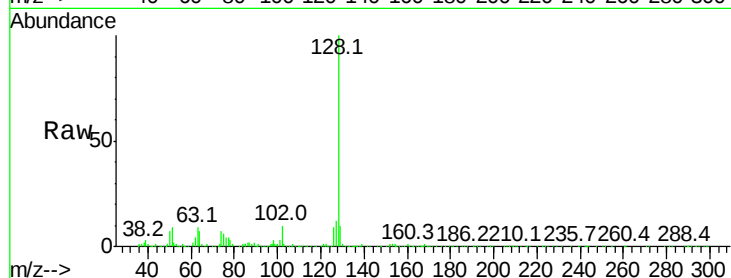
Tgt Ion:128 Resp: 166995

Ion Ratio Lower Upper

128 100

127 11.2 11.0 16.6

129 10.7 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

