

Data File : VR025805.D
Acq On : 21 Sep 2018 17:33
Operator : SY/MD
Sample : VR0921WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK82

Quant Time: Sep 22 04:37:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 22 04:37:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	461536	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	368505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	123315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	173477	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	2.62	69	134066	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	3.60	63	302979	3.79	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	6.59	46	219767	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	7.20	84	334748	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.90	65	150741	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	702954	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	8.90	67	188873	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	622249	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.24	79	48097	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	10.59	63	174254	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70496	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	107620	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

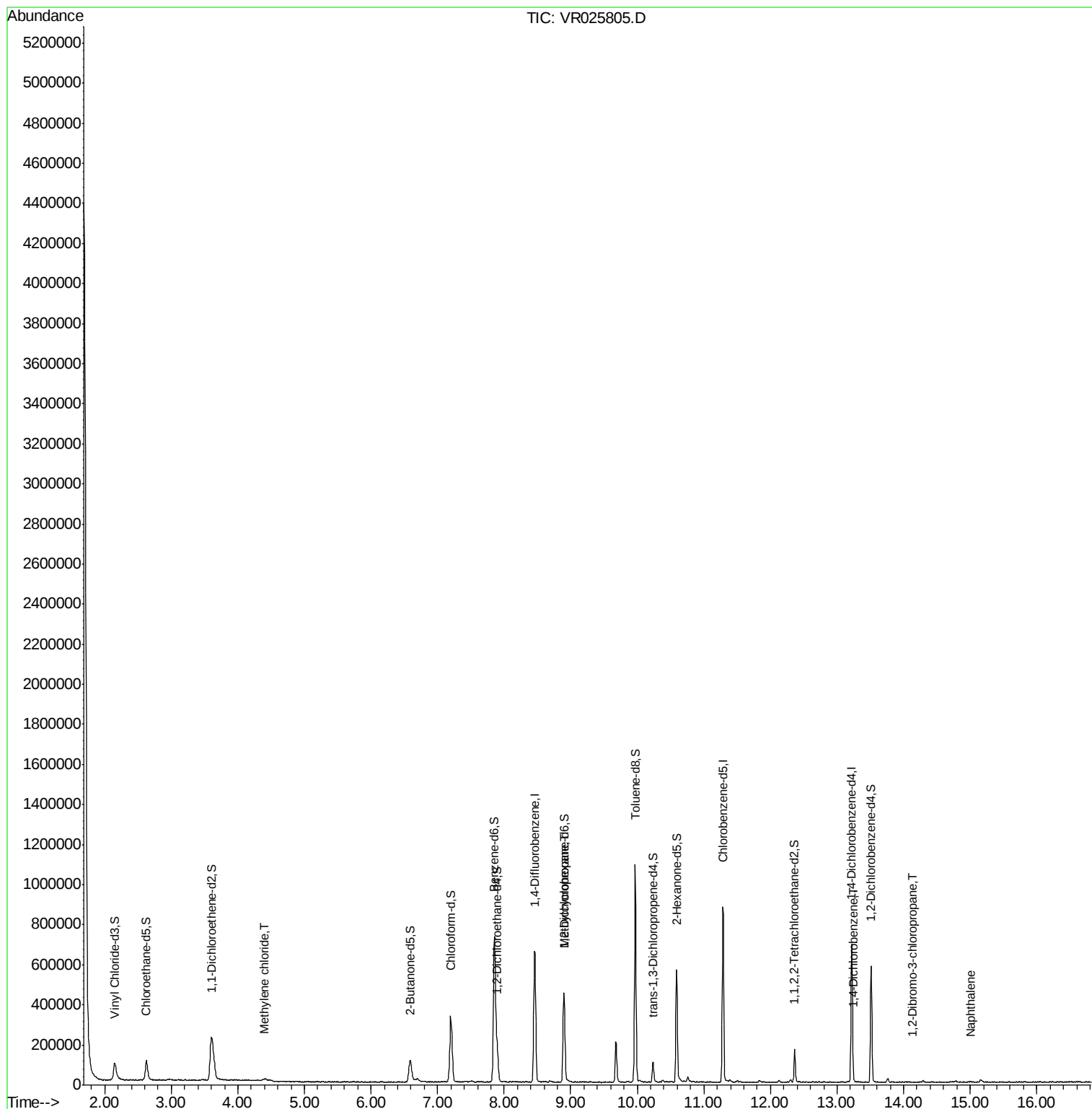
					Qvalue
16) Methylene chloride	4.40	84	4767	0.133 ug/L	76
35) Methylcyclohexane	8.90	83	43021	0.511 ug/L #	16
63) 1,4-Dichlorobenzene	13.24	146	2520	0.046 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	594	0.299 ug/L #	24
69) Naphthalene	15.00	128	2432	0.082 ug/L #	86

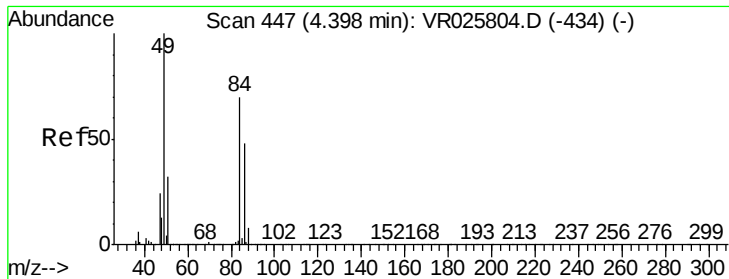
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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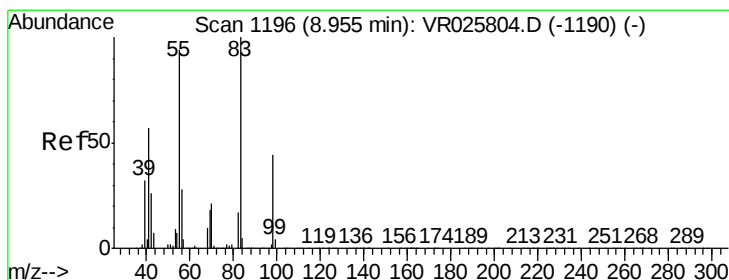
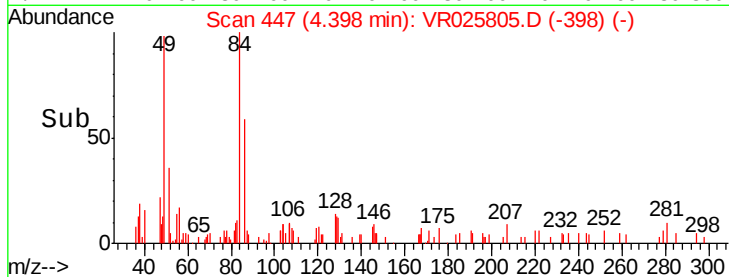
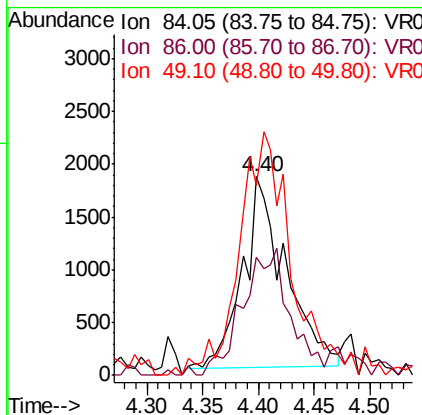
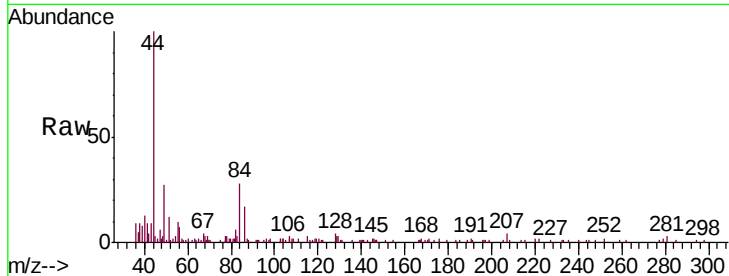




#16
Methylene chloride
Concen: 0.133 ug/L
RT: 4.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: VR025805.D
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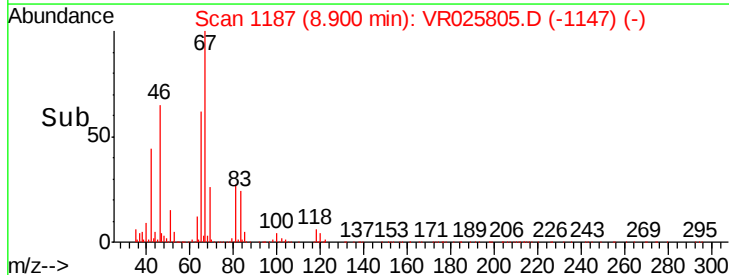
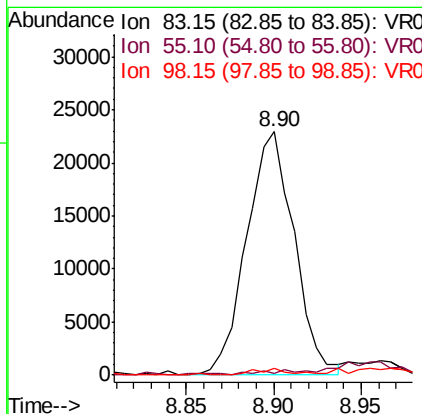
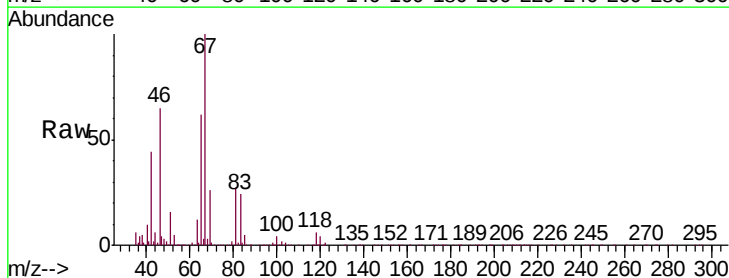
Instrument :
MSVOA_R
ClientSampleId :
VBLK82

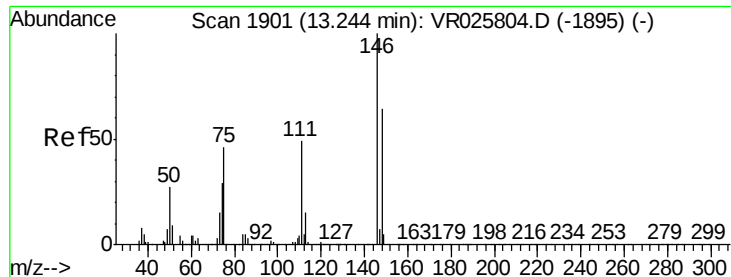
Tgt Ion: 84 Resp: 4767
Ion Ratio Lower Upper
84 100
86 59.8 43.1 80.1
49 95.5 95.5 177.3



#35
Methylcyclohexane
Concen: 0.511 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025805.D
Acq: 21 Sep 2018 17:33

Tgt Ion: 83 Resp: 43021
Ion Ratio Lower Upper
83 100
55 1.5 71.8 107.6#
98 2.3 34.2 51.4#

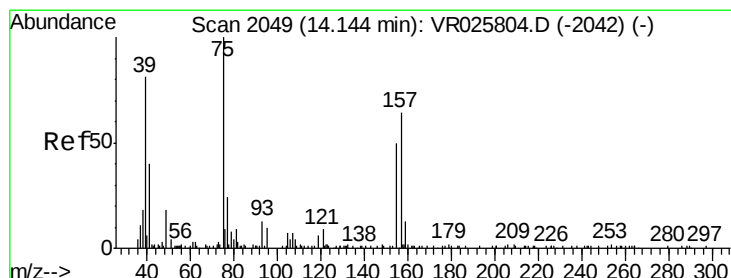
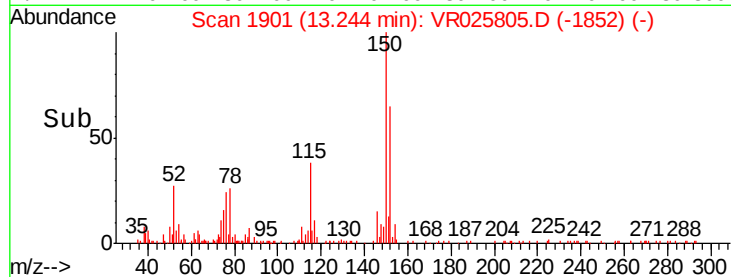
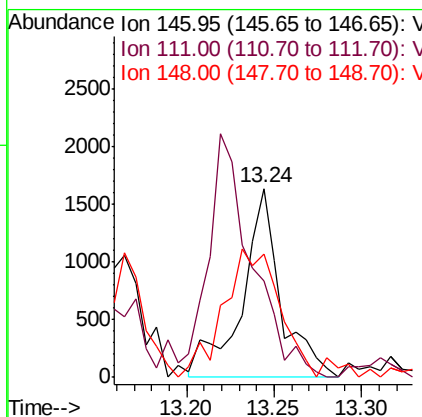
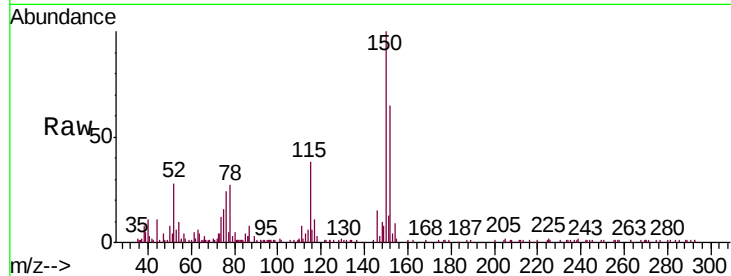




#63
 1,4-Dichlorobenzene
 Concen: 0.046 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VR025805.D
 Acq: 21 Sep 2018 17:33

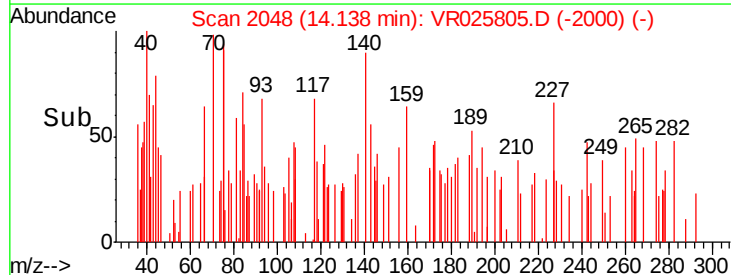
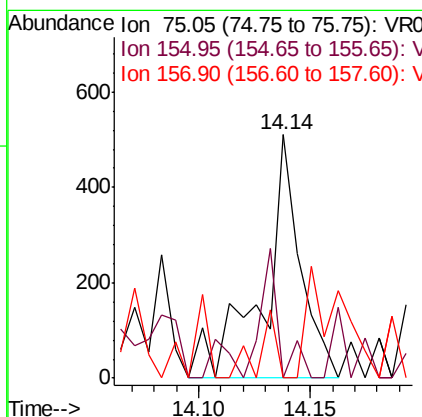
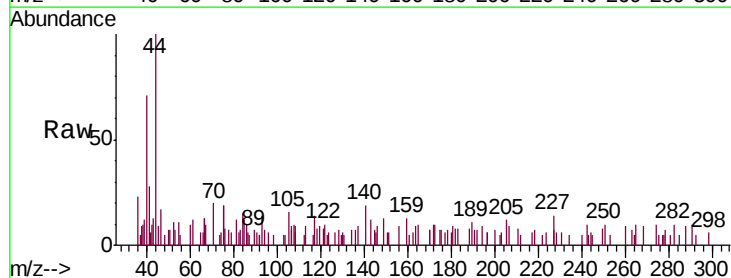
Instrument :
 MSVOA_R
 ClientSampled :
 VBLK82

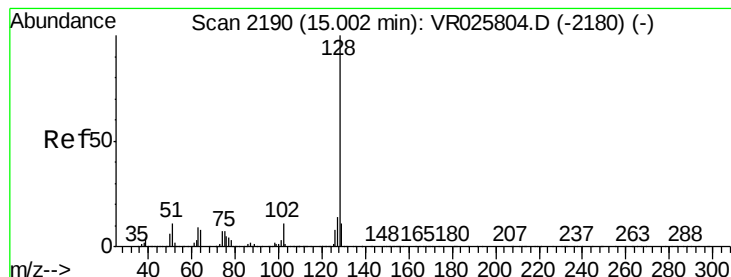
Tgt Ion: 146 Resp: 2520
 Ion Ratio Lower Upper
 146 100
 111 51.0 32.9 61.1
 148 65.0 45.5 84.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.299 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR025805.D
 Acq: 21 Sep 2018 17:33

Tgt Ion: 75 Resp: 594
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.8 56.6#
 157 0.0 49.7 74.5#





#69

Naphthalene

Concen: 0.082 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR025805.D

Acq: 21 Sep 2018 17:33

Instrument :

MSVOA_R

ClientSampleId :

VBLK82

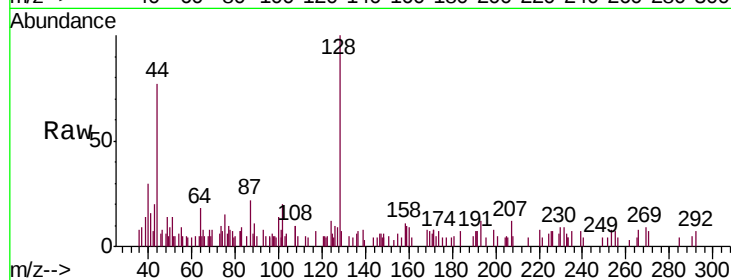
Tgt Ion:128 Resp: 2432

Ion Ratio Lower Upper

128 100

127 9.8 10.5 15.7#

129 4.0 9.4 14.2#



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

