

Data File : VR026262.D
Acq On : 21 Nov 2018 15:45
Operator : SY/MD
Sample : VR1121WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK99

Quant Time: Nov 27 07:17:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 27 07:15:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	548975	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449305	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	231787	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	2.63	69	194074	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.61	63	413463	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	6.59	46	185031	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	7.20	84	370278	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.90	65	151411	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.85	84	763589	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.90	67	193569	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	9.97	98	713026	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	10.24	79	46998	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	10.59	63	120622	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69985	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	128159	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

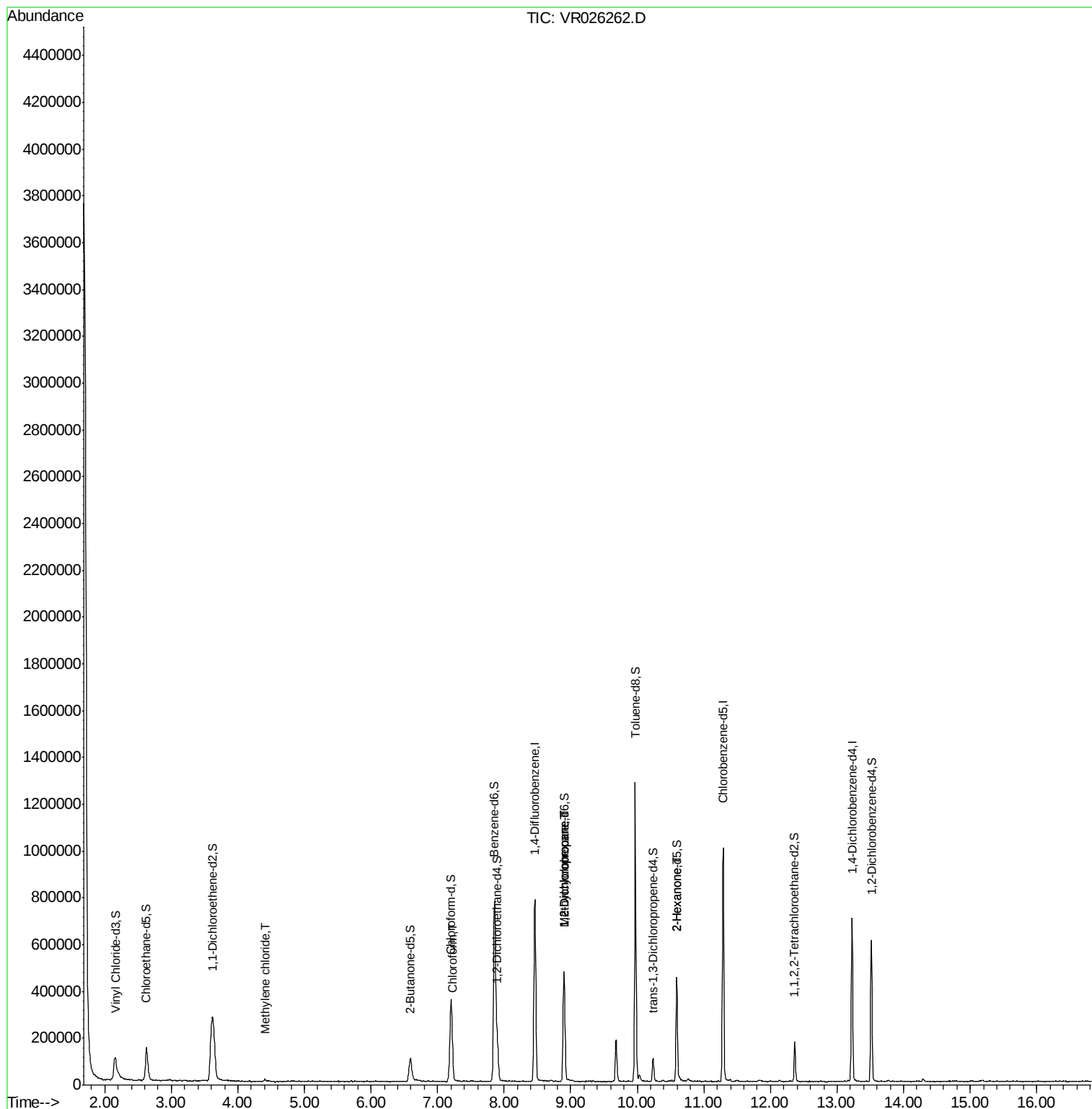
					Qvalue
16) Methylene chloride	4.41	84	5968	0.133 ug/L #	73
25) Chloroform	7.23	83	10766	0.129 ug/L	90
35) Methylcyclohexane	8.90	83	47169	0.826 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23647	0.695 ug/L #	90
48) 2-Hexanone	10.59	43	19724	3.027 ug/L #	65

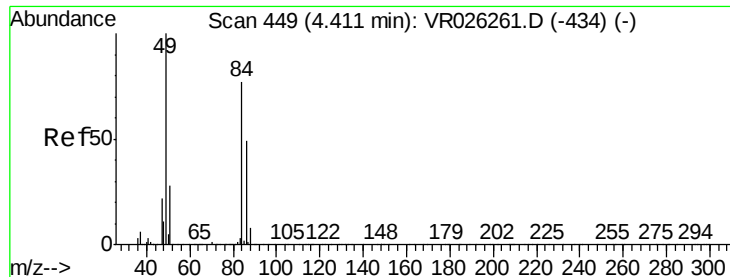
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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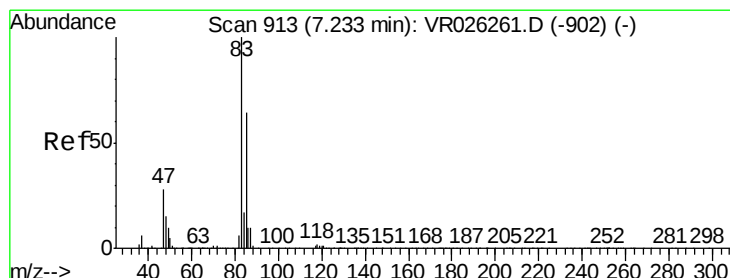
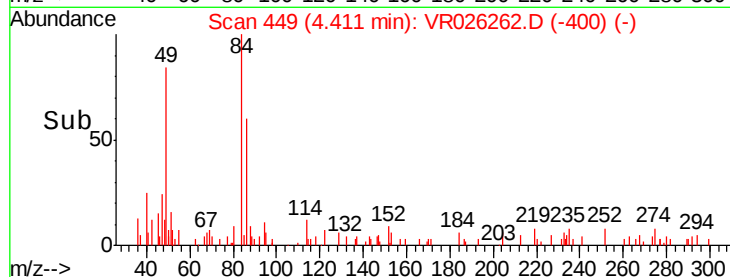
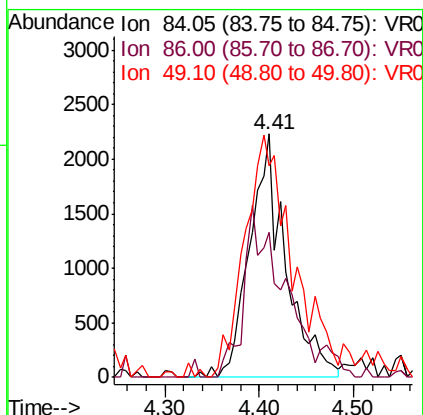
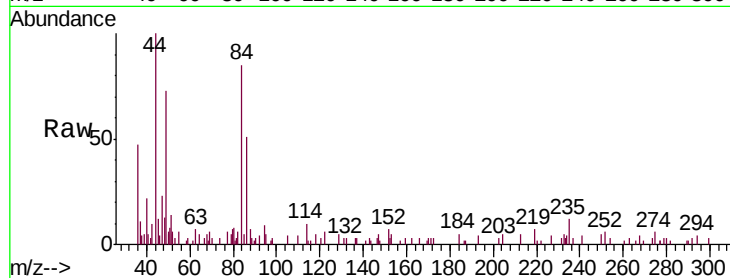




#16
Methylene chloride
Concen: 0.133 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026262.D
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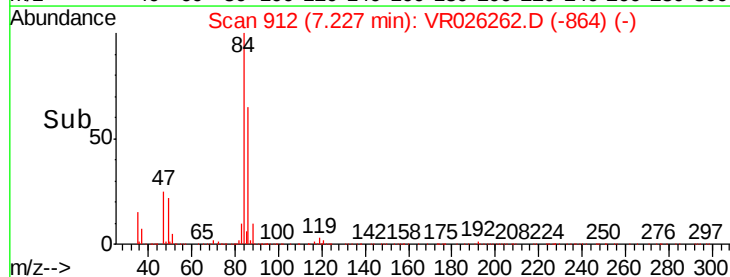
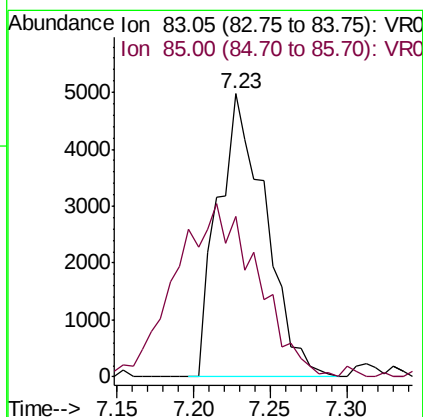
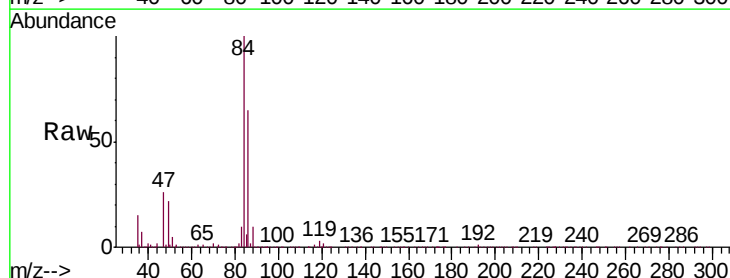
Instrument :
MSVOA_R
ClientSampleId :
VBLK99

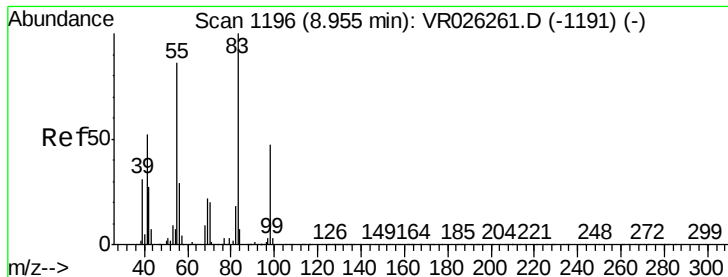
Tgt Ion: 84 Resp: 5968
Ion Ratio Lower Upper
84 100
86 59.8 46.8 87.0
49 86.8 90.8 168.6#



#25
Chloroform
Concen: 0.129 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.01 min
Lab File: VR026262.D
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Tgt Ion: 83 Resp: 10766
Ion Ratio Lower Upper
83 100
85 56.5 45.1 83.9

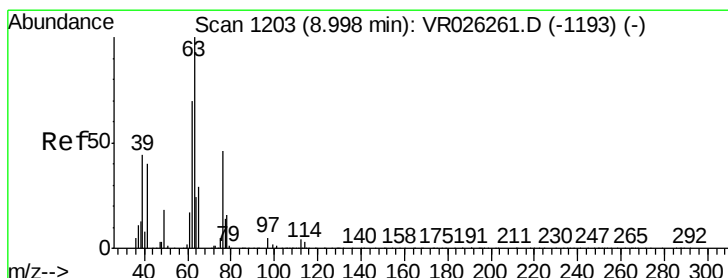
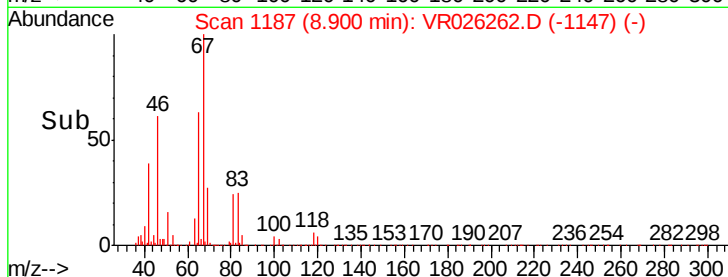
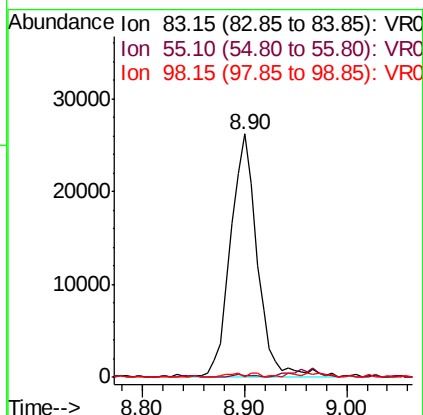
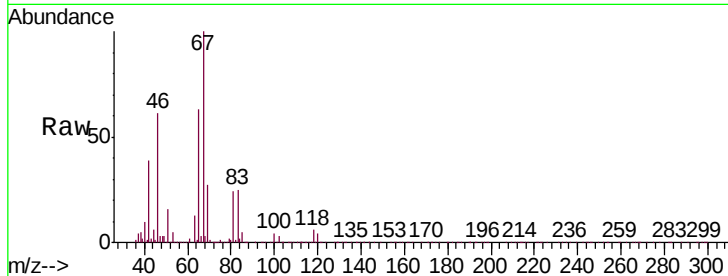




#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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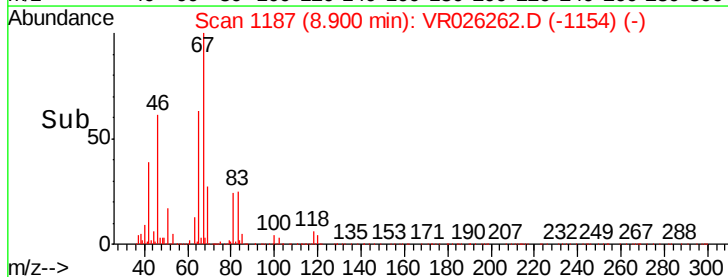
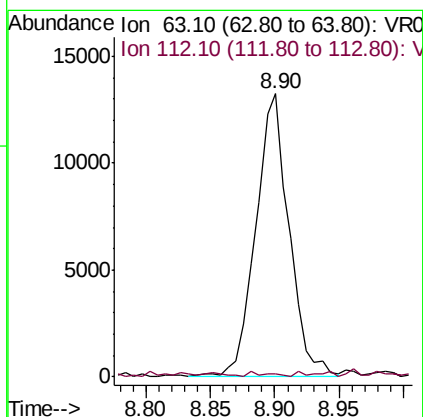
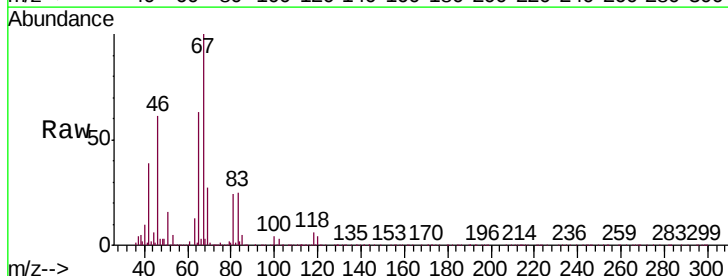
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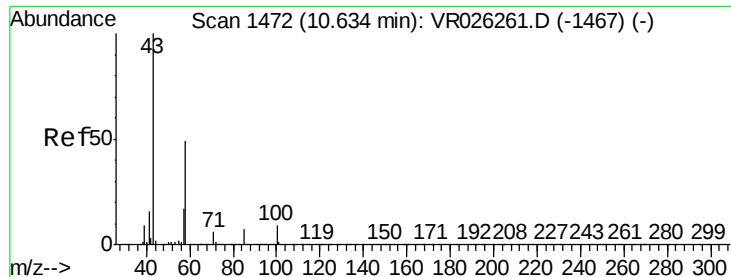
Tgt Ion: 83 Resp: 47169
Ion Ratio Lower Upper
83 100
55 1.0 66.8 100.2#
98 1.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026262.D
Acq: 21 Nov 2018 15:45

Tgt Ion: 63 Resp: 23647
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#





#48

2-Hexanone

Concen: 3.027 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026262.D

Acq: 21 Nov 2018 15:45

Instrument :

MSVOA_R

ClientSampleId :

VBLK99

Tgt Ion: 43 Resp: 19724

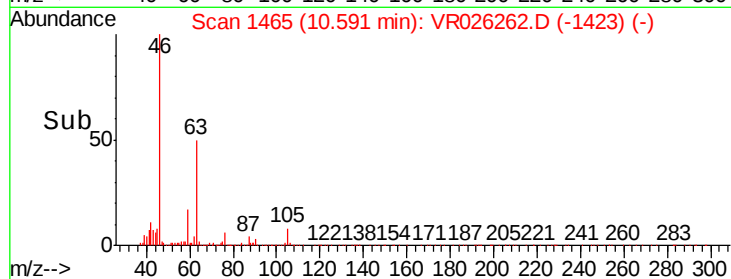
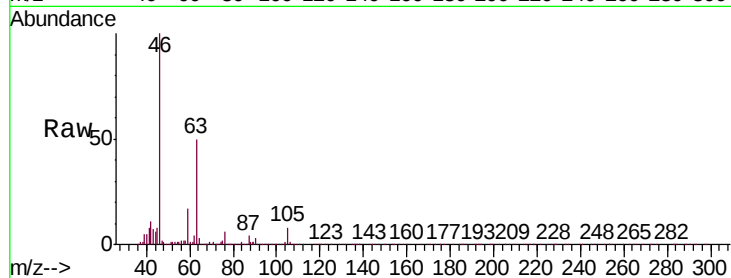
Ion Ratio Lower Upper

43 100

58 23.8 40.4 60.6#

57 34.0 14.2 21.2#

100 4.6 7.6 11.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

