

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
 Data File : VR025426.D
 Acq On : 25 Jun 2018 13:06
 Operator : SY/MD
 Sample : J3674-07DL 40X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB7DL

Quant Time: Jun 26 01:43:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	546185	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	61744	3.32	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	2.64	69	52187	3.82	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	3.64	63	140342	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	6.59	46	283089	56.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.54%
24) Chloroform-d	7.20	84	357409	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	7.89	65	141153	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	723992	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	8.90	67	224667	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	9.97	98	596276	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	10.24	79	43344	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	10.59	63	226393	56.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97873	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	137368	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

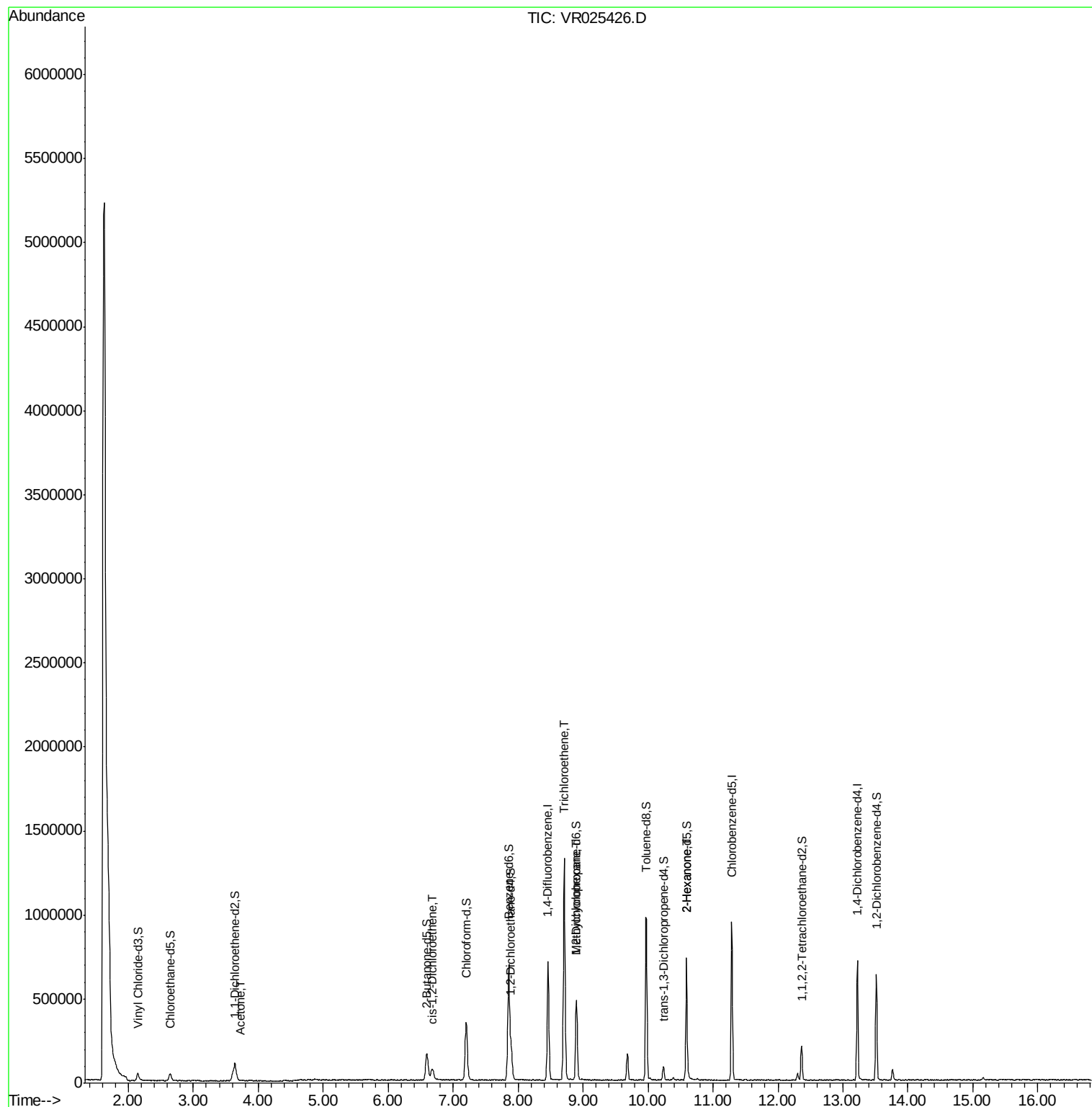
					Qvalue
13) Acetone	3.72	43	778	0.345 ug/L	57
22) cis-1,2-Dichloroethene	6.68	96	35047	0.851 ug/L #	88
34) Trichloroethene	8.71	95	460613	10.753 ug/L	98
35) Methylcyclohexane	8.90	83	51177	0.757 ug/L #	18
48) 2-Hexanone	10.59	43	27422	3.377 ug/L #	71

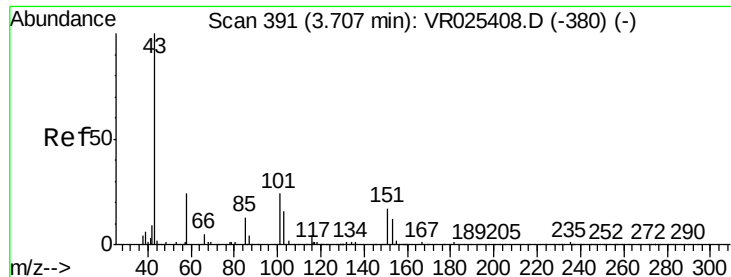
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.345 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.01 min

Lab File: VR025426.D

Acq: 25 Jun 2018 13:06

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MSVOA_R

ClientSampleId :

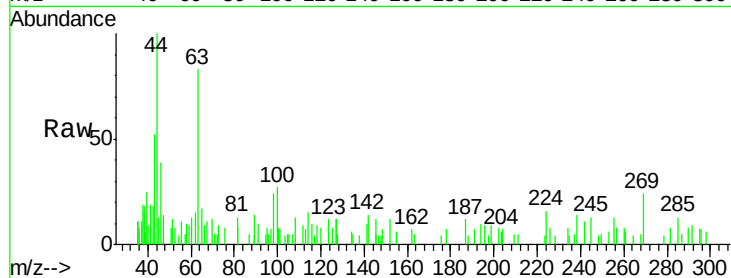
DAZB7DL

Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 40.7 0.0 41.6



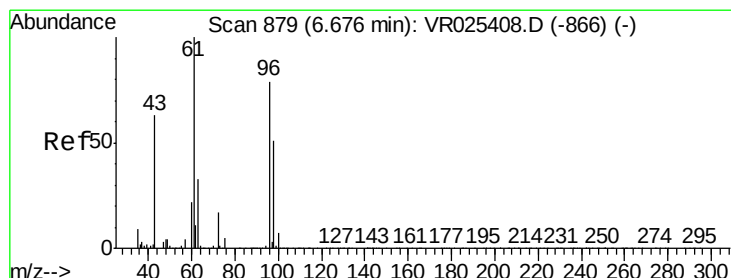
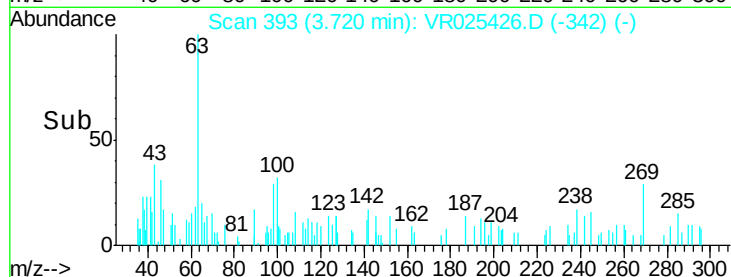
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.72

3.74

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.851 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025426.D

Acq: 25 Jun 2018 13:06

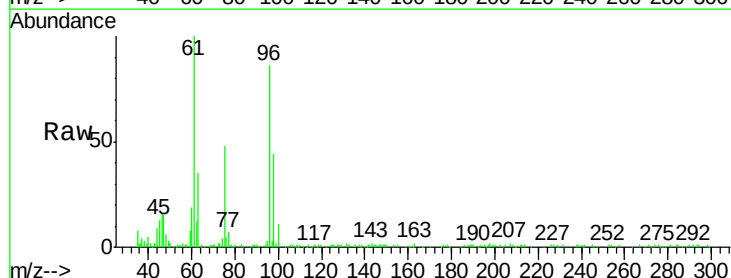
Tgt Ion: 96 Resp: 35047

Ion Ratio Lower Upper

96 100

61 115.8 91.0 169.0

68 1.2 0.0 0.0#



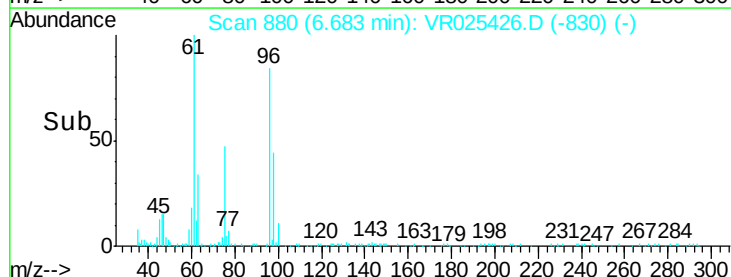
Abundance Ion 96.00 (95.70 to 96.70): VR0

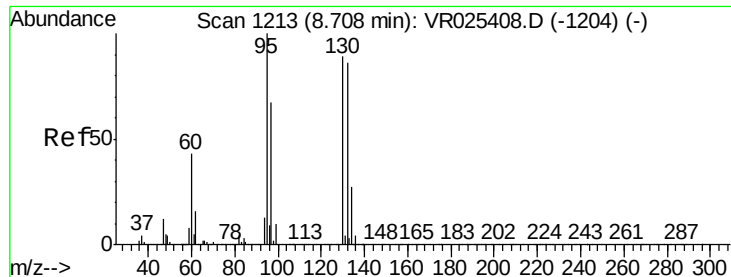
Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

6.68

Time-->





#34

Trichloroethene

Concen: 10.753 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025426.D

Acq: 25 Jun 2018 13:06

Instrument :

MSVOA_R

ClientSampleId :

DAZB7DL

Tgt Ion: 95 Resp: 460613

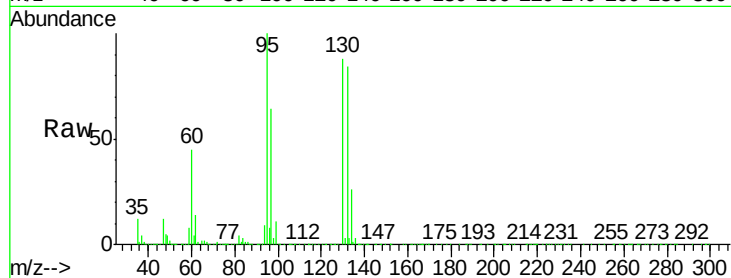
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.6

132 83.8 60.9 113.1

130 88.3 62.0 115.2

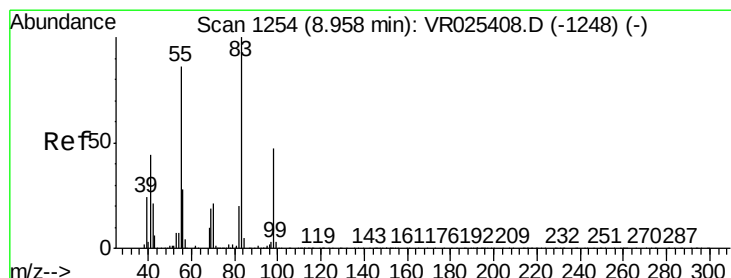
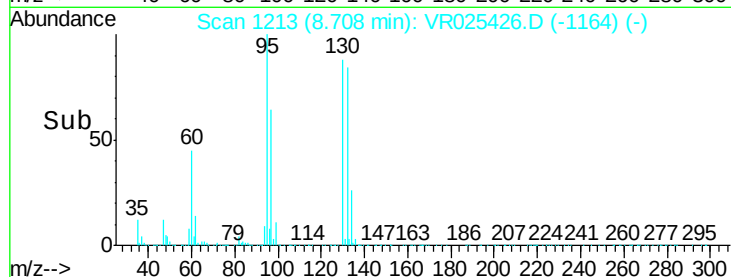
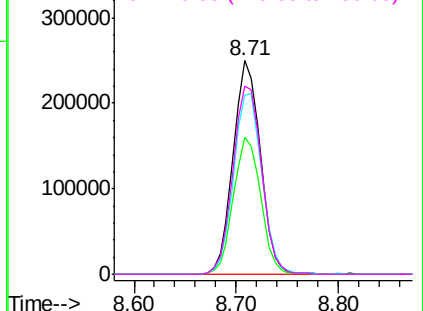


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.757 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025426.D

Acq: 25 Jun 2018 13:06

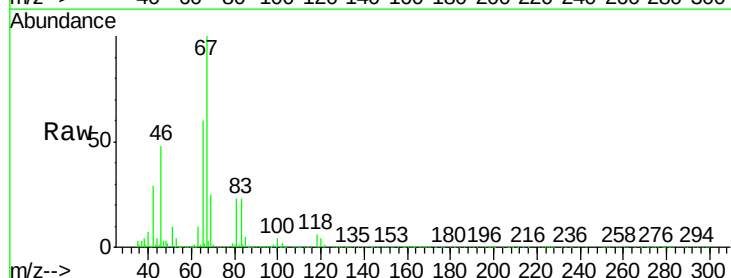
Tgt Ion: 83 Resp: 51177

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

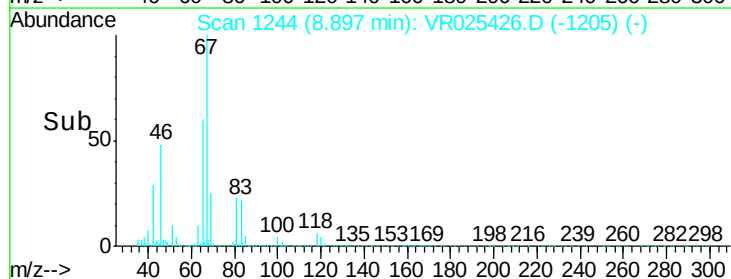
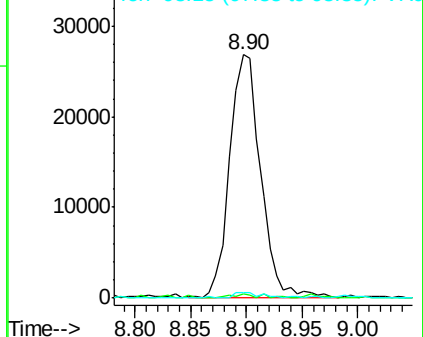
98 2.1 36.2 54.4#

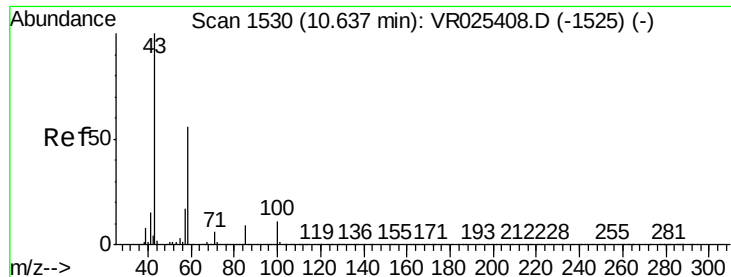


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48

2-Hexanone

Concen: 3.377 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025426.D

Acq: 25 Jun 2018 13:06

Instrument :

MSVOA_R

ClientSampleId :

DAZB7DL

Tgt Ion: 43 Resp: 27422

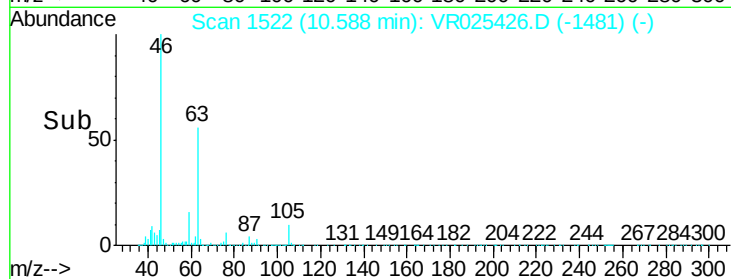
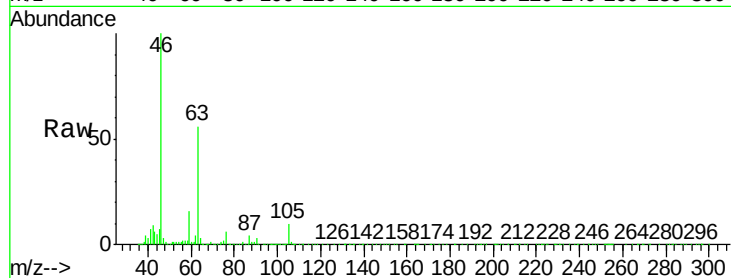
Ion Ratio Lower Upper

43 100

58 30.4 43.1 64.7#

57 30.4 15.3 22.9#

100 3.4 7.9 11.9#



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

