

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026553.D
 Acq On : 10 Apr 2019 15:32
 Operator : SY/MD
 Sample : VR0409WBL03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK96

Quant Time: Apr 11 04:22:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	553874	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	457188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	134138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	170799	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	2.62	69	153163	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	3.60	63	354297	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	6.59	46	151791	40.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.92%
24) Chloroform-d	7.20	84	337496	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	7.89	65	142097	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	7.85	84	611497	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	8.89	67	162556	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	9.97	98	545675	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	10.23	79	34627	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	10.59	63	122720	45.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60639	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	109557	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

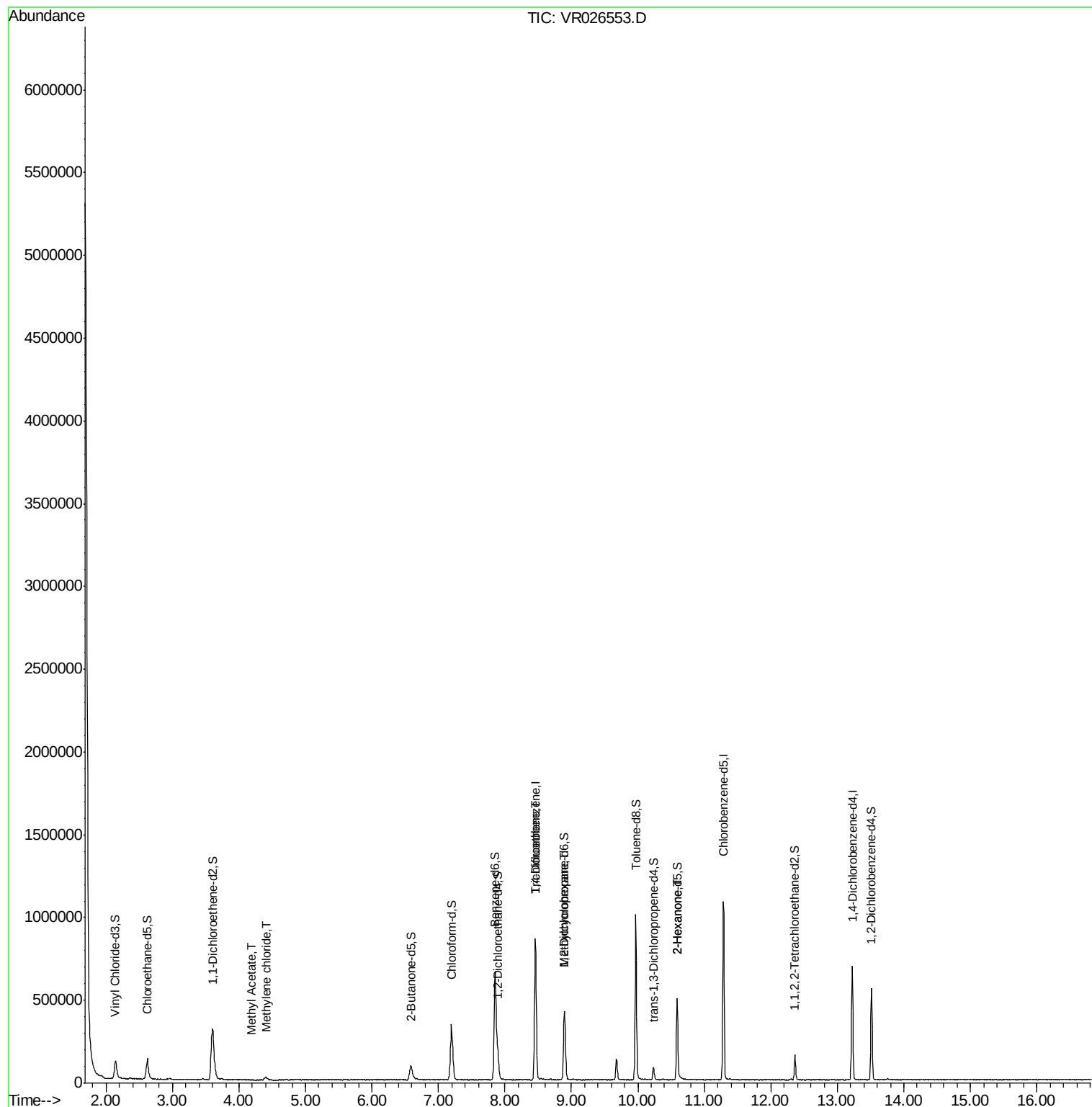
					Ovalue
15) Methyl Acetate	4.18	43	930	0.091 ug/L	99
16) Methylene chloride	4.40	84	10924	0.250 ug/L #	85
34) Trichloroethene	8.46	95	19295	0.403 ug/L #	11
35) Methylcyclohexane	8.90	83	40003	0.586 ug/L #	16
48) 2-Hexanone	10.59	43	22962	3.009 ug/L #	78

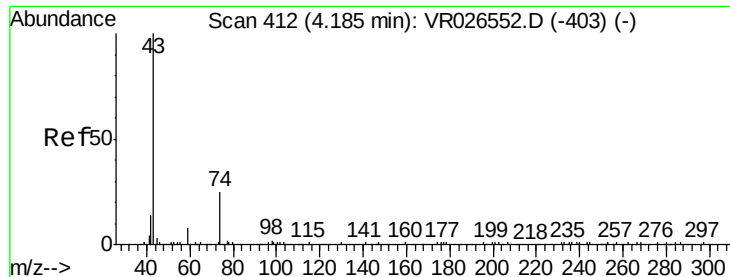
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.091 ug/L

RT: 4.18 min Scan# 411

Delta R.T. -0.01 min

Lab File: VR026553.D

Acq: 10 Apr 2019 15:32

Instrument :

MSVOA_R

ClientSampled :

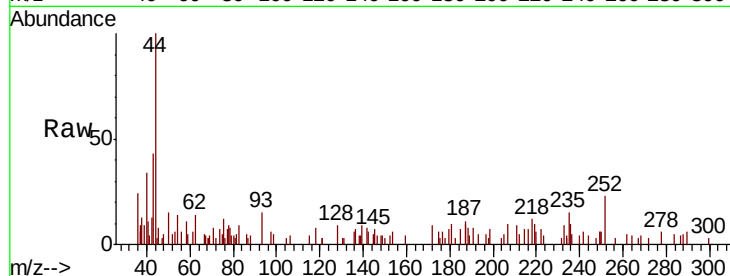
VBLK96

Tot Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

74 22.4 17.5 26.3



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

800

600

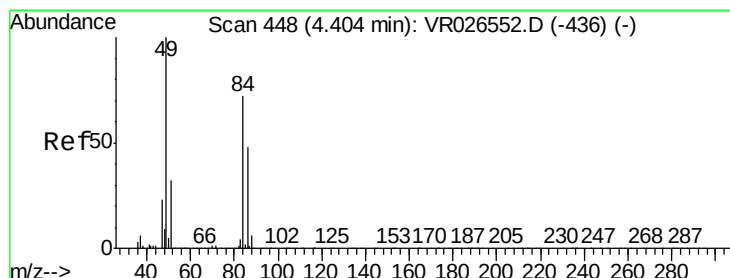
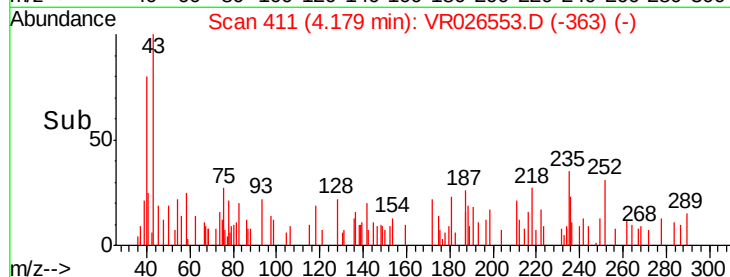
400

200

0

4.14 4.16 4.18 4.20

Time-->



#16

Methylene chloride

Concen: 0.250 ug/L

RT: 4.40 min Scan# 448

Delta R.T. 0.00 min

Lab File: VR026553.D

Acq: 10 Apr 2019 15:32

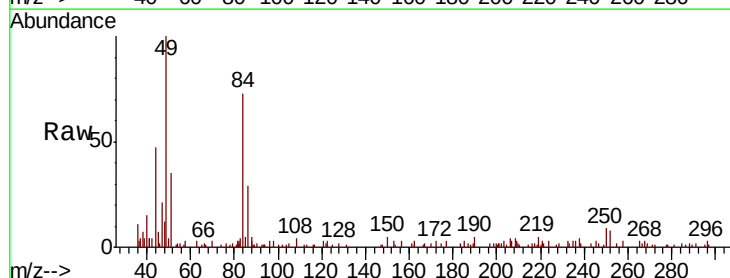
Tgt Ion: 84 Resp: 10924

Ion Ratio Lower Upper

84 100

86 39.9 45.6 84.6#

49 142.4 106.5 197.9



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

6000

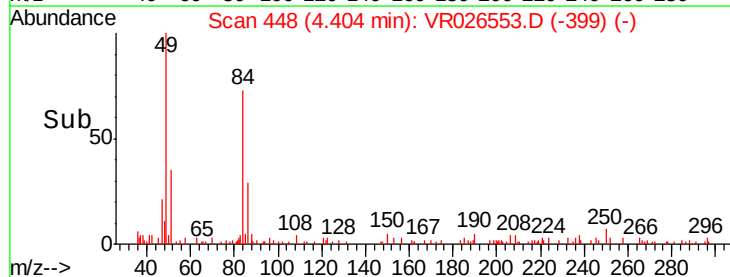
4000

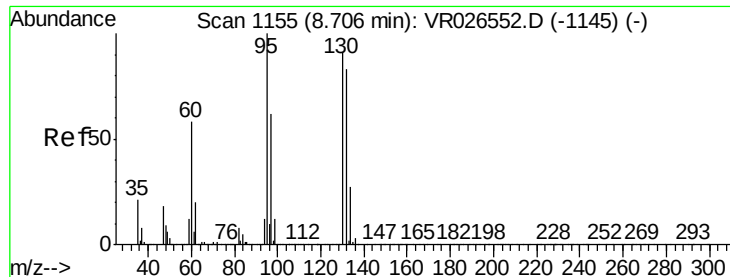
2000

0

4.30 4.35 4.40 4.45 4.50

Time-->





#34

Trichloroethene

Concen: 0.403 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR026553.D

Acq: 10 Apr 2019 15:32

Instrument :

MSVOA_R

ClientSampleId :

VBLK96

Tot Ion: 95 Resp: 19295

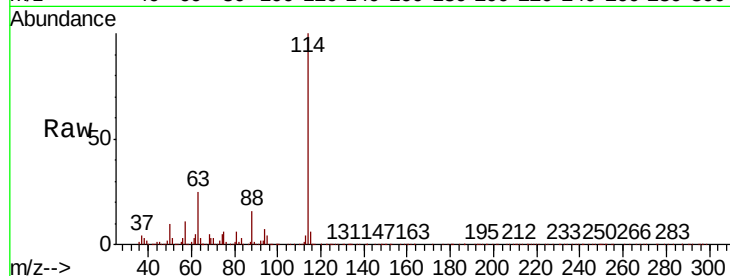
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.3#

132 0.0 57.2 106.2#

130 0.8 59.7 110.9#

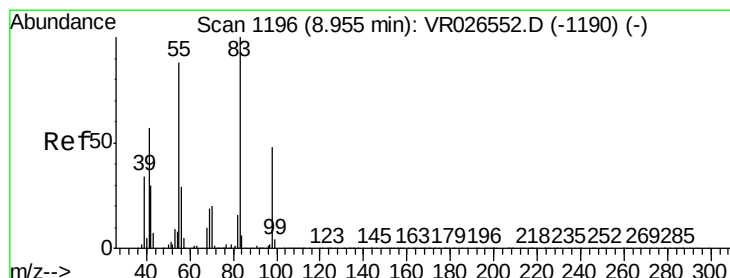
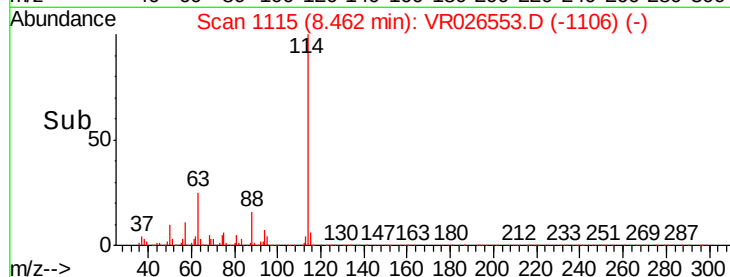
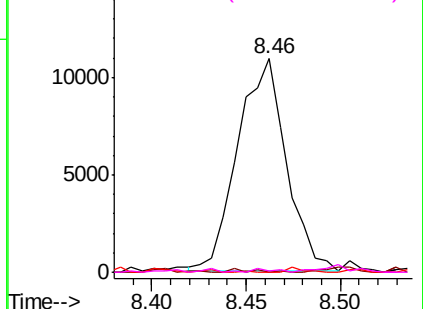


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.586 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026553.D

Acq: 10 Apr 2019 15:32

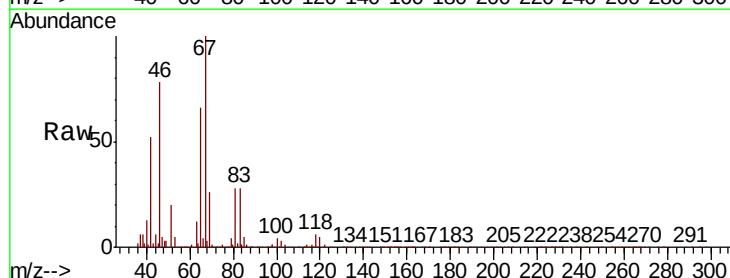
Tgt Ion: 83 Resp: 40003

Ion Ratio Lower Upper

83 100

55 1.8 73.8 110.6#

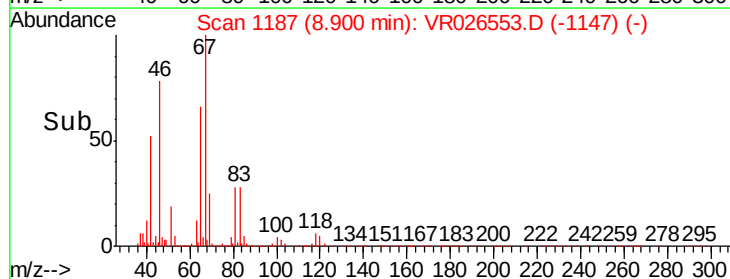
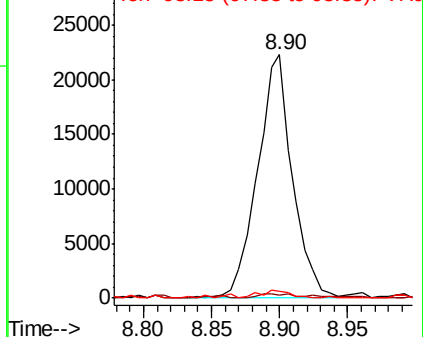
98 3.1 34.6 51.8#

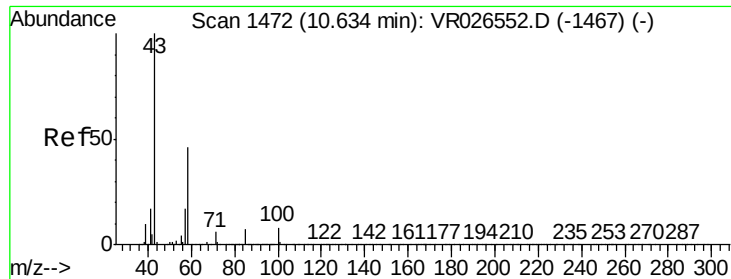


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48

2-Hexanone

Concen: 3.009 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026553.D

Acq: 10 Apr 2019 15:32

Instrument :

MSVOA_R

ClientSampleId :

VBLK96

Tot Ion: 43 Resp: 22962

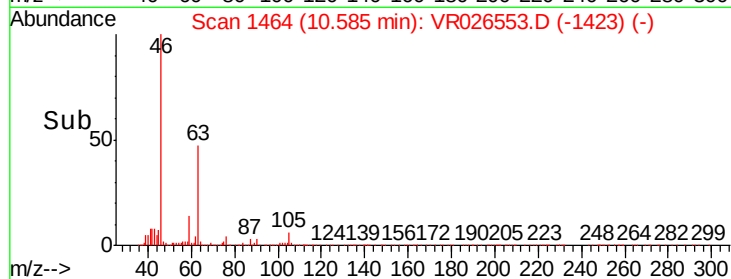
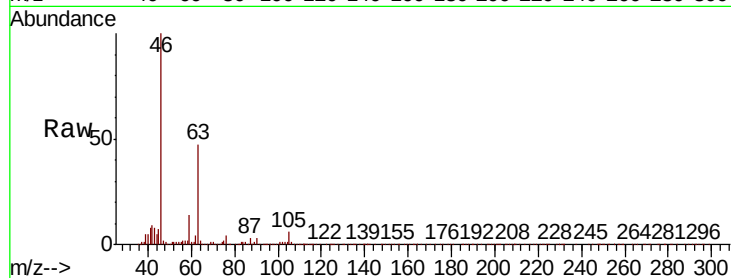
Ion Ratio Lower Upper

43 100

58 29.9 38.2 57.2#

57 24.8 13.8 20.6#

100 6.9 6.2 9.2



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

