

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016011.D
 Acq On : 30 Jul 2020 15:09
 Operator : SY/VA
 Sample : L3492-17
 Misc : 3.79G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:37:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	428401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168681	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117549	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
7) Chloroethane-d5	2.90	69	98468	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.01	63	184367	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	7.09	46	70420	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
24) Chloroform-d	7.65	84	254155	21.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	8.31	65	139409	21.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.44%
29) Benzene-d6	8.28	84	506832	20.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.60%
33) 1,2-Dichloropropane-d6	9.27	67	159760	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.33	98	447067	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.40%
38) trans-1,3-Dichloropropene-	10.58	79	61937	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.96%
39) 2-Hexanone-d5	10.93	63	51467	42.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125135	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	149846	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds

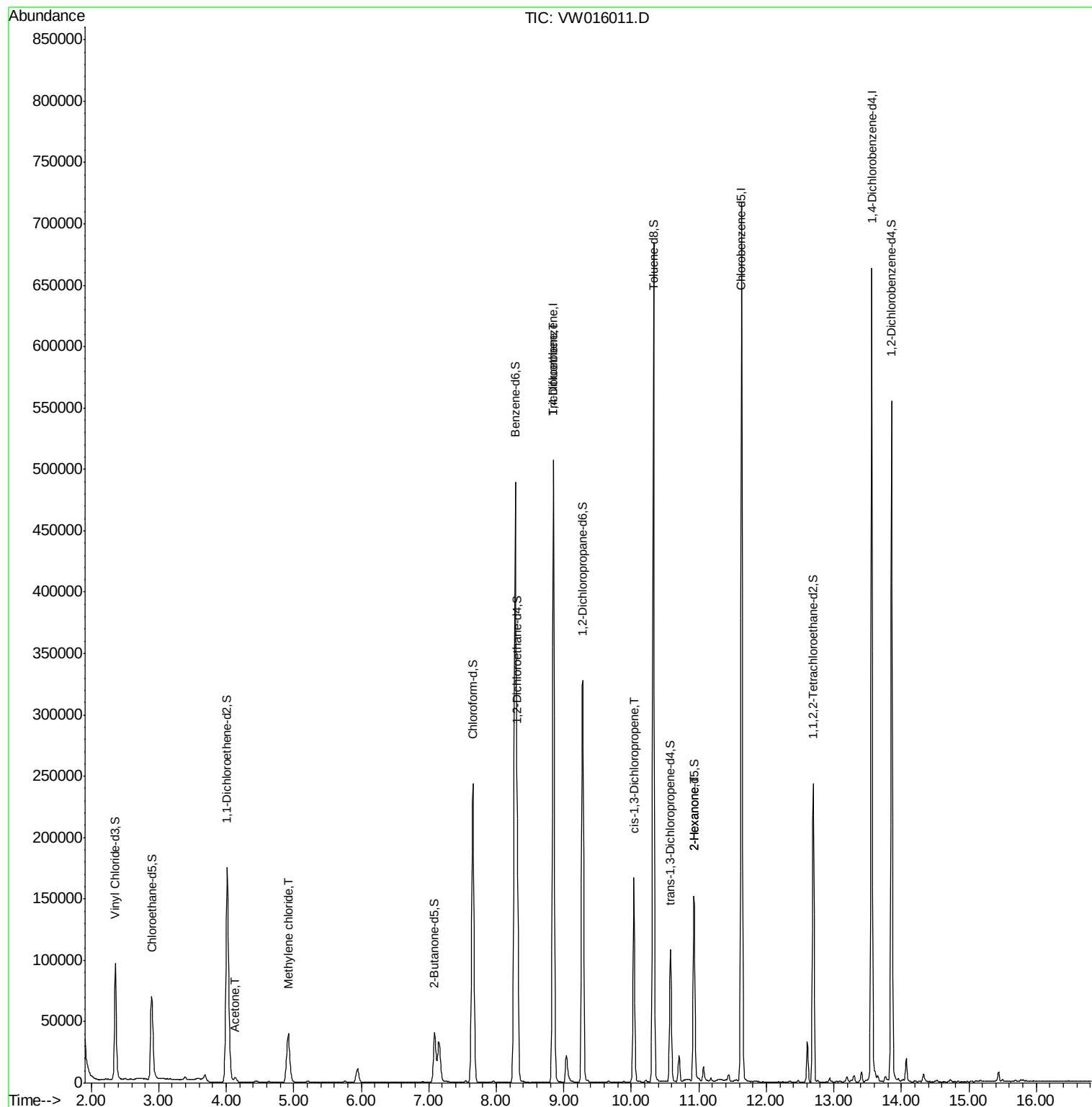
					Ovalue
13) Acetone	4.13	43	6833	5.124 ug/L	98
16) Methylene chloride	4.92	84	32903	4.687 ug/L	91
35) Trichloroethene	8.85	95	12280	1.919 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3862	0.423 ug/L #	68
49) 2-Hexanone	10.93	43	6478	2.609 ug/L #	67

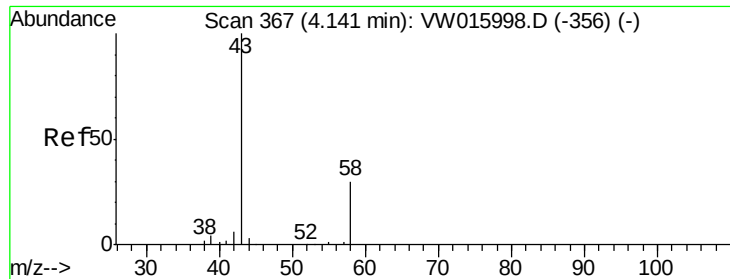
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.124 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016011.D

Acq: 30 Jul 2020 15:09

Instrument :

MSVOA_W

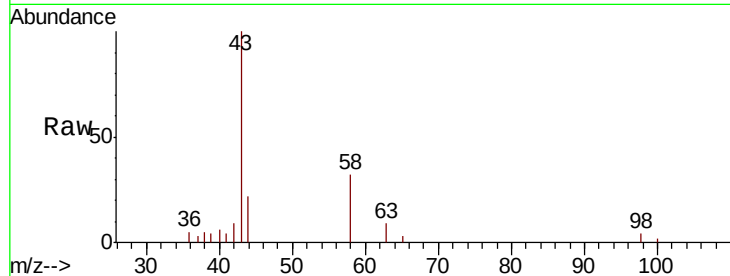
ClientSampled :

Tot Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

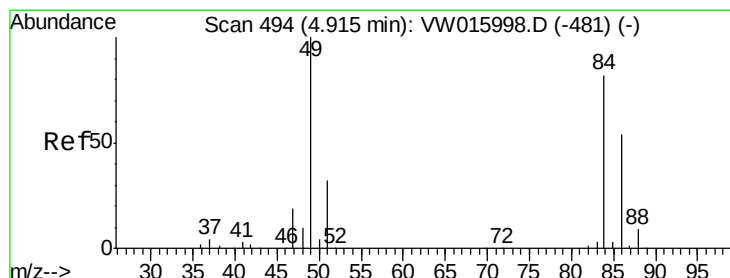
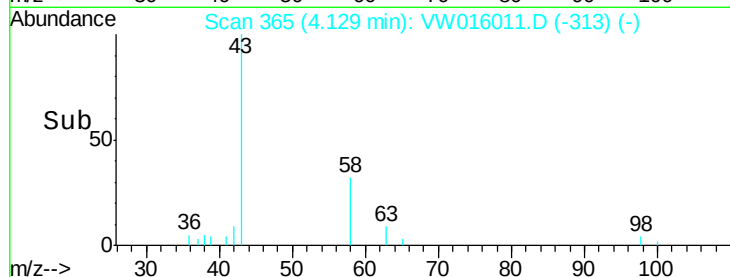
1000

500

0

Time-->

4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 4.687 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016011.D

Acq: 30 Jul 2020 15:09

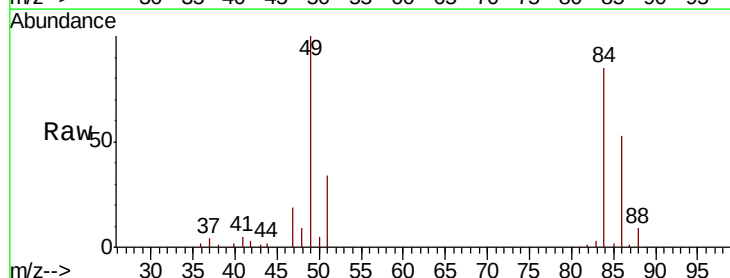
Tgt Ion: 84 Resp: 32903

Ion Ratio Lower Upper

84 100

49 117.4 91.1 169.1

86 62.5 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

15000

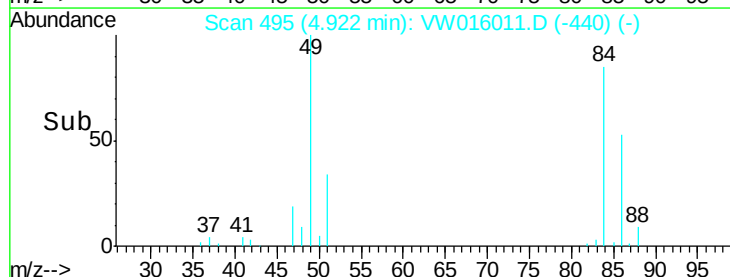
10000

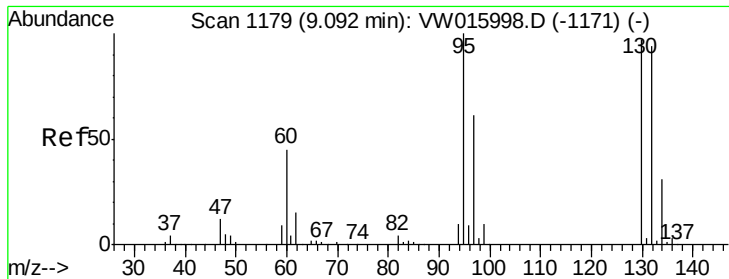
5000

0

Time-->

4.80 4.90 5.00





#35

Trichloroethene

Concen: 1.919 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016011.D

Acq: 30 Jul 2020 15:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 12280

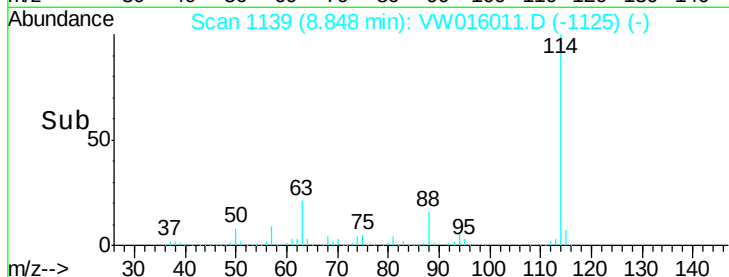
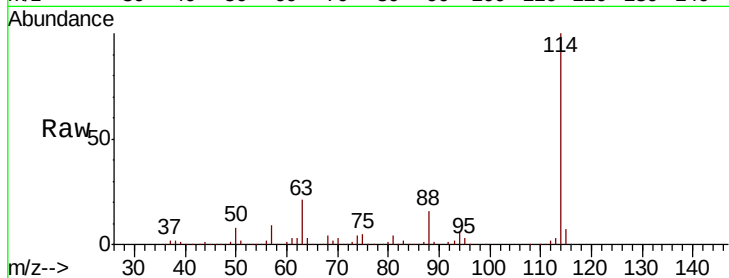
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

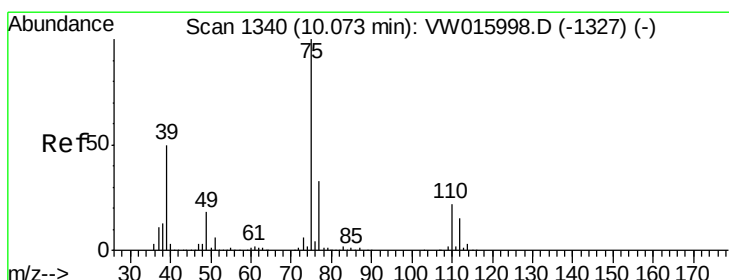
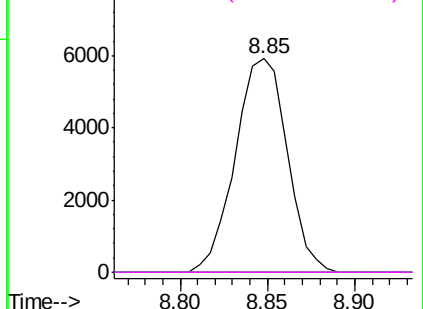


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016011.D

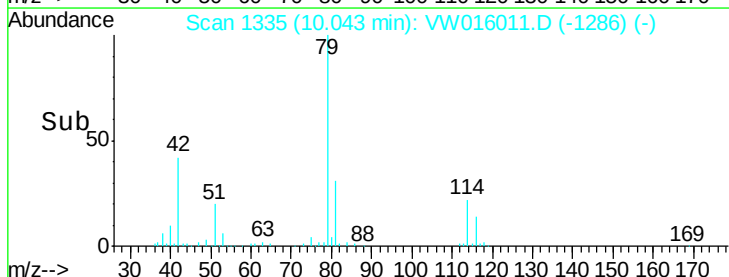
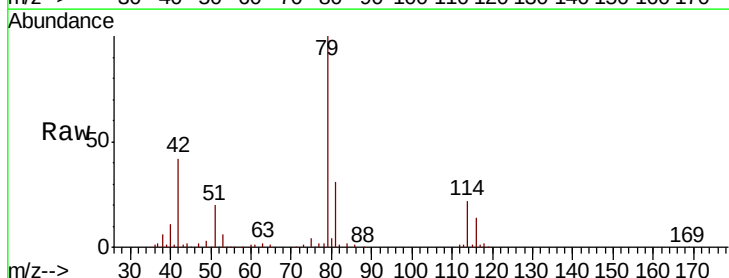
Acq: 30 Jul 2020 15:09

Tgt Ion: 75 Resp: 3862

Ion Ratio Lower Upper

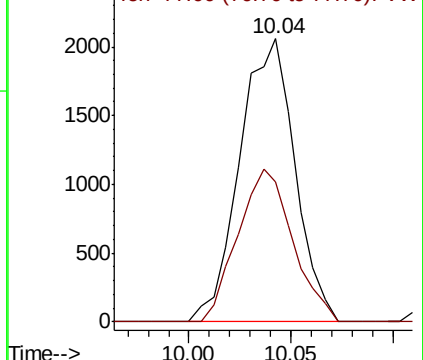
75 100

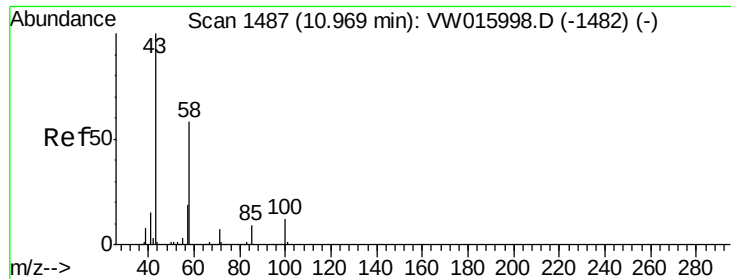
77 49.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.609 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016011.D

Acq: 30 Jul 2020 15:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6478

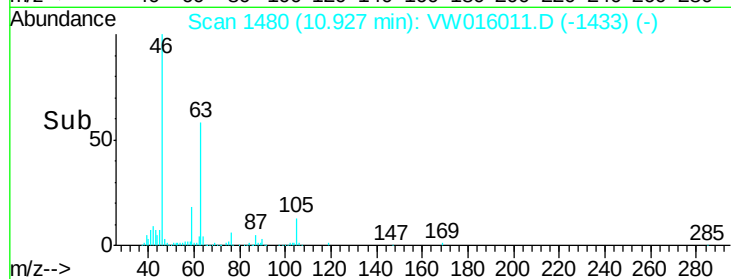
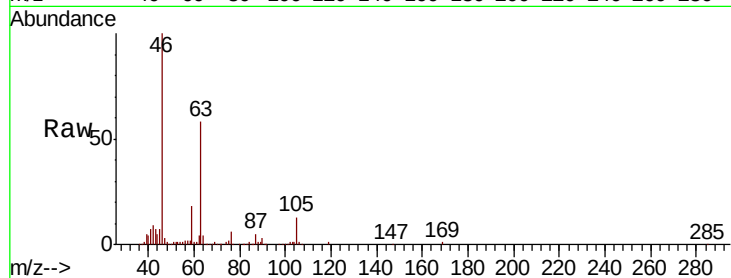
Ion Ratio Lower Upper

43 100

58 25.6 42.4 63.6#

57 31.8 15.6 23.4#

100 4.6 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

