

Data File : VW006464.D
Acq On : 29 Oct 2018 18:59
Operator : SY/AP
Sample : J5705-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Oct 30 04:58:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	144009	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97318	29.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.76%
7) Chloroethane-d5	2.90	69	83125	29.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.84%
10) 1,1-Dichloroethene-d2	4.01	63	132642	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.28%
20) 2-Butanone-d5	7.08	46	64505	59.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.74%
24) Chloroform-d	7.65	84	172661	27.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.68%
26) 1,2-Dichloroethane-d4	8.31	65	100208	28.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.08%
29) Benzene-d6	8.28	84	357818	28.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.24%
33) 1,2-Dichloropropane-d6	9.27	67	100563	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.32%
37) Toluene-d8	10.33	98	352084	28.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.40%
38) trans-1,3-Dichloropropene-	10.58	79	44577	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.93	63	50951	56.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104926	28.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	144095	29.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.76%

Target Compounds

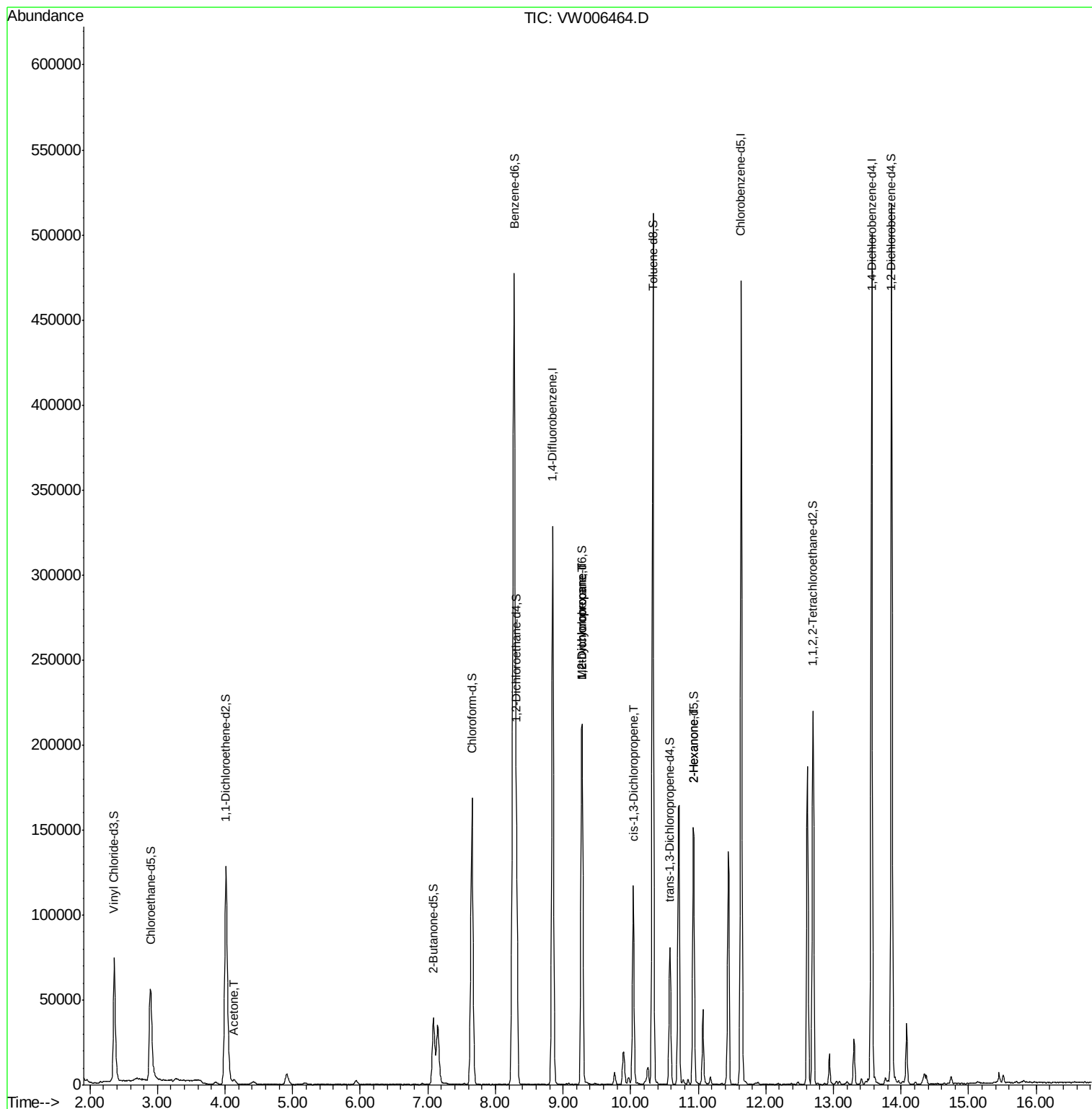
					Qvalue
13) Acetone	4.12	43	2757	2.512 ug/L	99
36) Methylcyclohexane	9.28	83	25615	3.538 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	11560	3.318 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3173	0.558 ug/L #	78
49) 2-Hexanone	10.93	43	6161	2.995 ug/L #	67

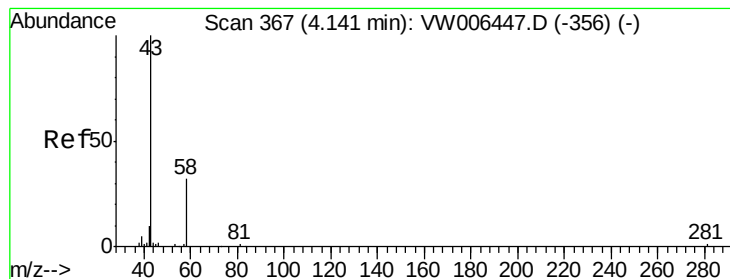
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.512 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

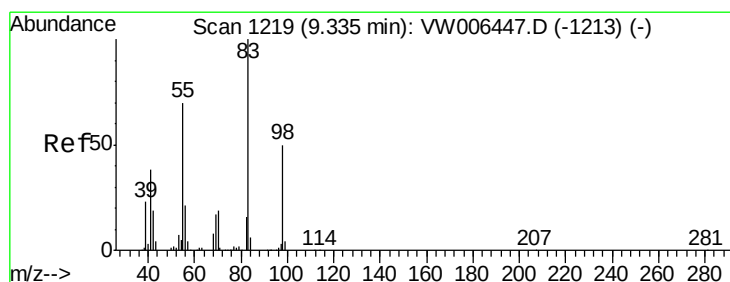
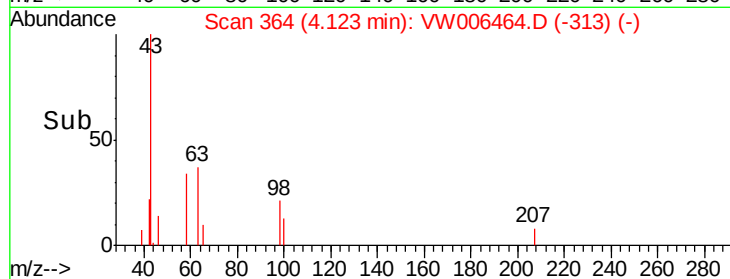
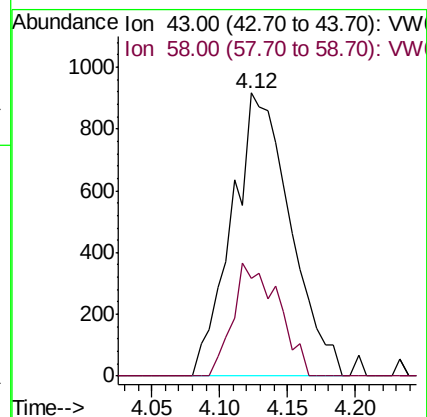
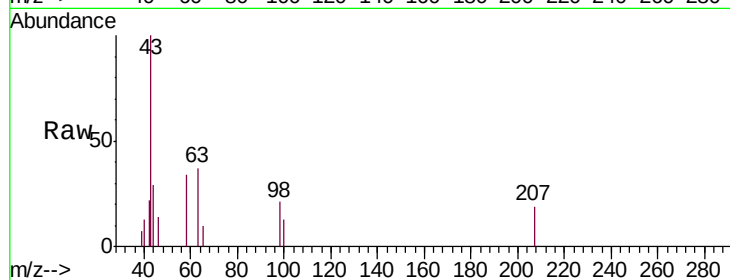
VHBLK01

Tgt Ion: 43 Resp: 2757

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



#36

Methylcyclohexane

Concen: 3.538 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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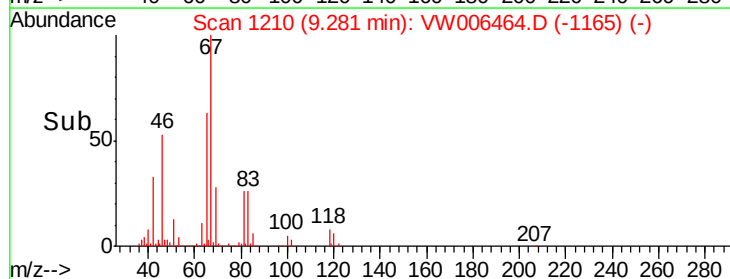
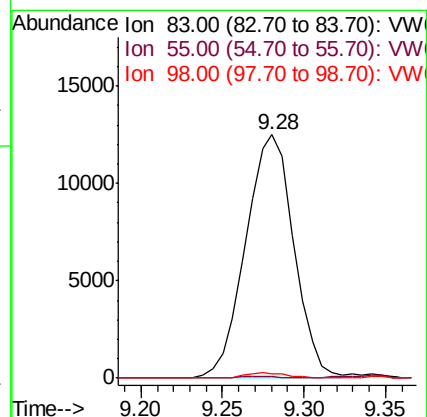
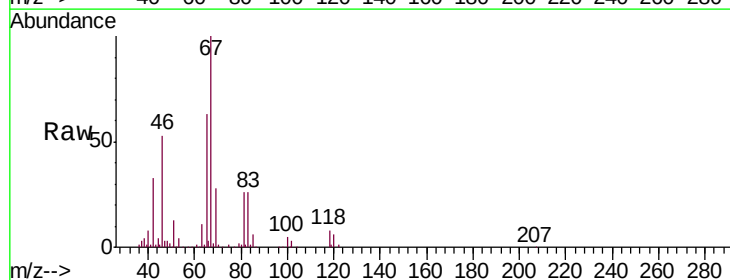
Tgt Ion: 83 Resp: 25615

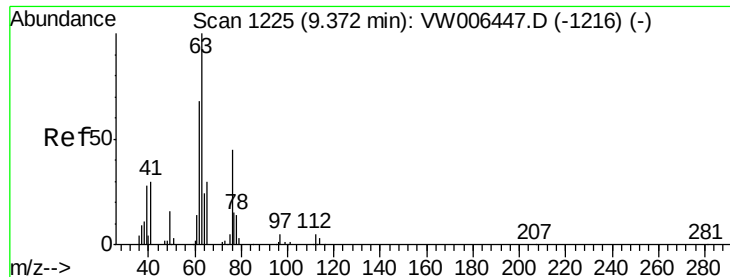
Ion Ratio Lower Upper

83 100

55 0.5 57.1 85.7#

98 1.8 38.9 58.3#





#40

1,2-Dichloropropane

Concen: 3.318 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006464.D

Acq: 29 Oct 2018 18:59

Instrument :

MSVOA_W

ClientSampleId :

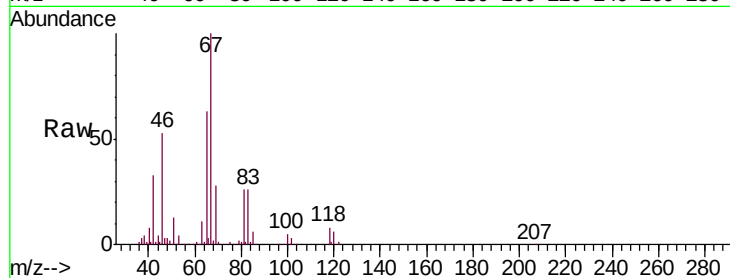
VHBLK01

Tgt Ion: 63 Resp: 11560

Ion Ratio Lower Upper

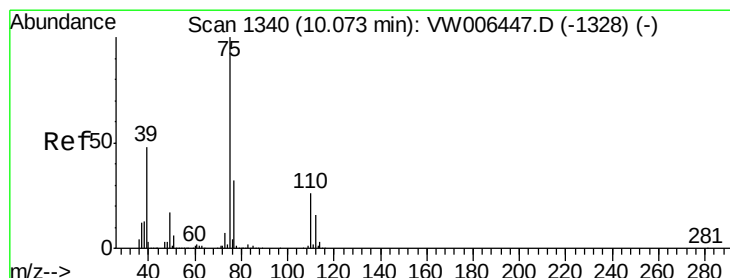
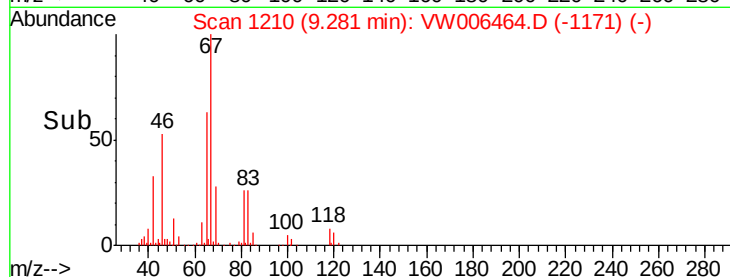
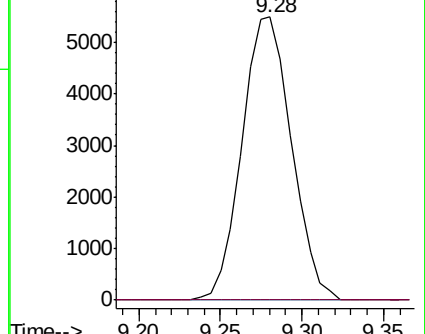
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.558 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006464.D

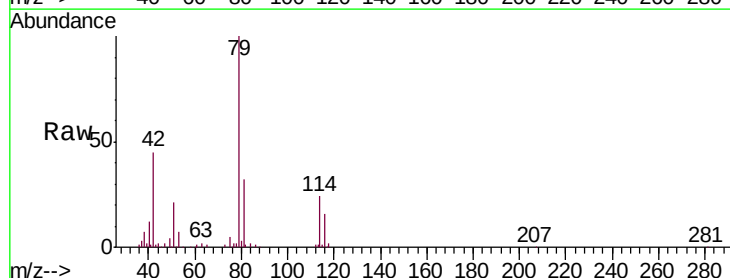
Acq: 29 Oct 2018 18:59

Tgt Ion: 75 Resp: 3173

Ion Ratio Lower Upper

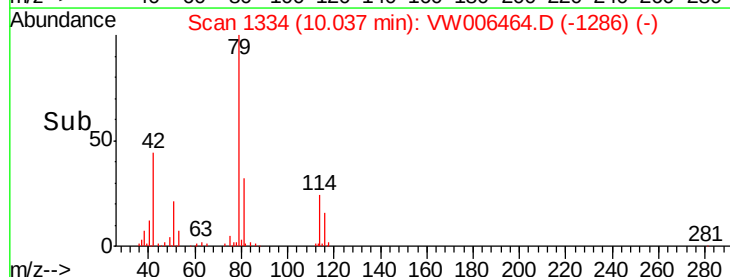
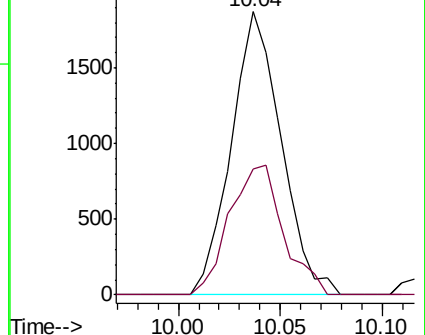
75 100

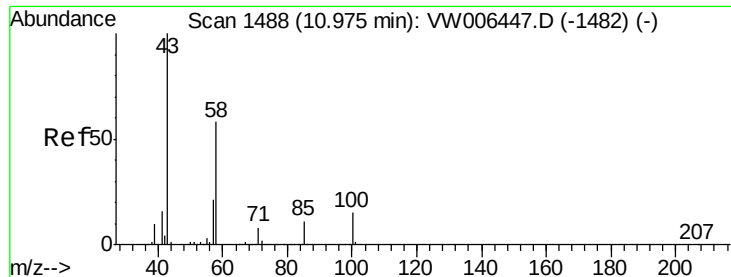
77 44.4 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.995 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006464.D

Acq: 29 Oct 2018 18:59

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 6161

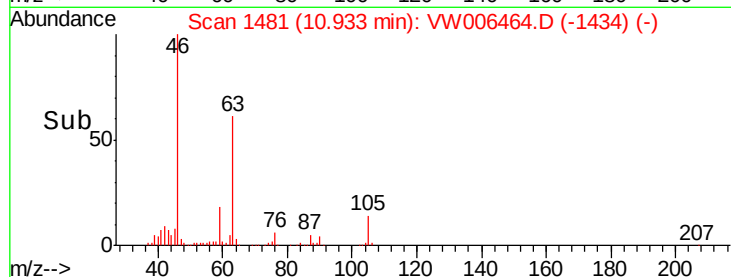
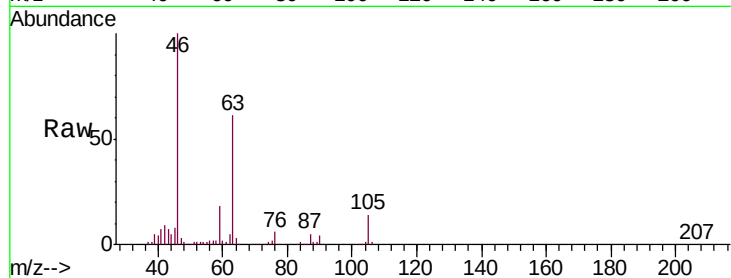
Ion Ratio Lower Upper

43 100

58 26.4 42.1 63.1#

57 29.1 15.1 22.7#

100 0.0 9.9 14.9#



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

