

Data File : VU032017.D
Acq On : 15 May 2019 09:30
Operator : JC/SP
Sample : VU0515MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Quant Time: May 16 04:27:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1036795	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1030641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	404064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	391518	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.06%
7) Chloroethane-d5	1.68	69	333105	45.22	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.50	63	249	0.02	ug/L	0.23
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.17	46	580183	91.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.07%
24) Chloroform-d	4.64	84	681451	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
26) 1,2-Dichloroethane-d4	5.30	65	441479	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
32) Benzene-d6	5.33	84	1435364	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.32	67	475424	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.56	98	1242654	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.85	79	189717	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.36%
47) 2-Hexanone-d5	8.31	63	361275	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	656494	45.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	429815	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

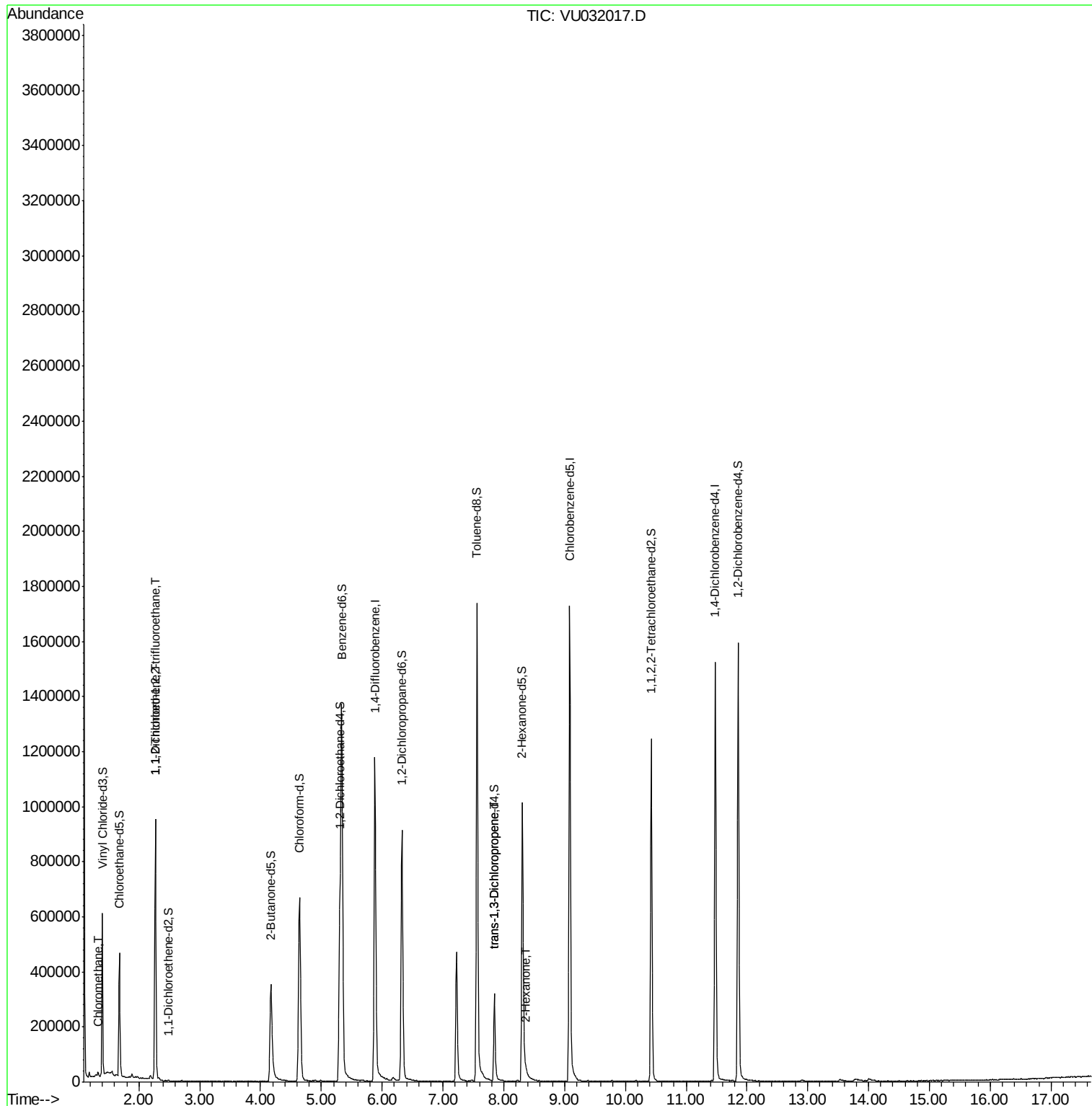
					Qvalue
3) Chloromethane	1.33	50	9520	0.893 ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5160	0.669 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	4734	0.618 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	6967	0.616 ug/L #	74
48) 2-Hexanone	8.37	43	9514	0.953 ug/L #	37

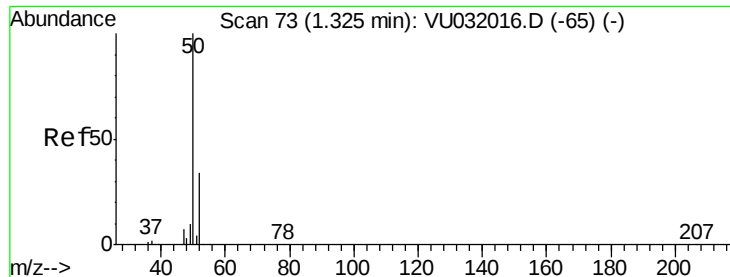
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.893 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

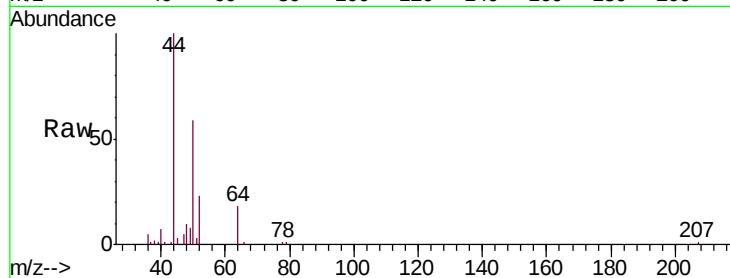
VBLK38

Tgt Ion: 50 Resp: 9520

Ion Ratio Lower Upper

50 100

52 39.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032016.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032016.D (-65) (-)

1.33

10000

8000

6000

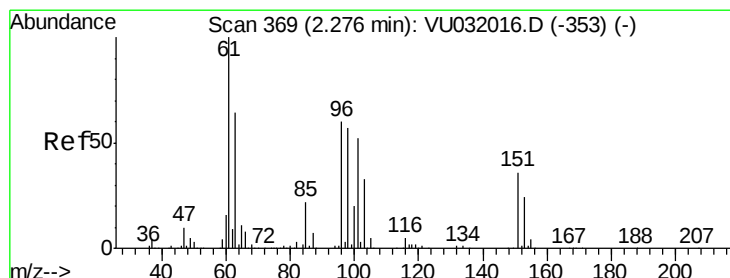
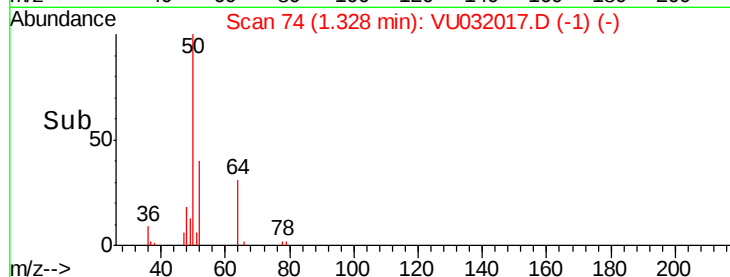
4000

2000

0

1.30 1.32 1.34 1.36

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.669 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032017.D

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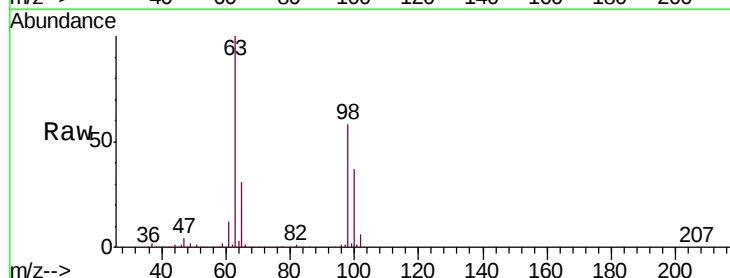
Tgt Ion: 101 Resp: 5160

Ion Ratio Lower Upper

101 100

85 3.9 34.1 51.1#

151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VU032016.D (-353) (-)

Ion 85.00 (84.70 to 85.70): VU032016.D (-353) (-)

Ion 151.00 (150.70 to 151.70): VU032016.D (-353) (-)

2.27

4000

3000

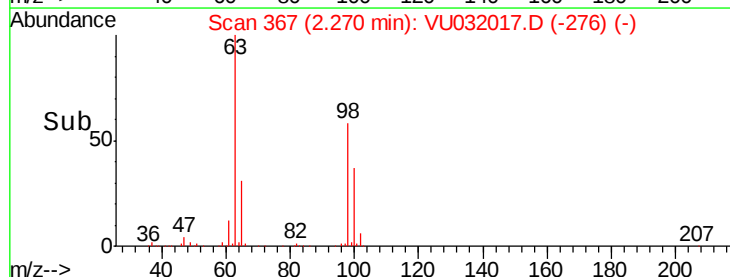
2000

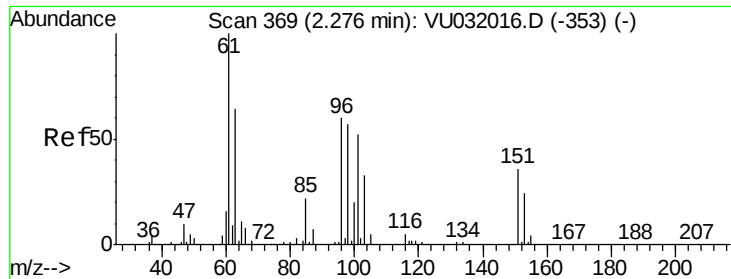
1000

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.618 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

VBLK38

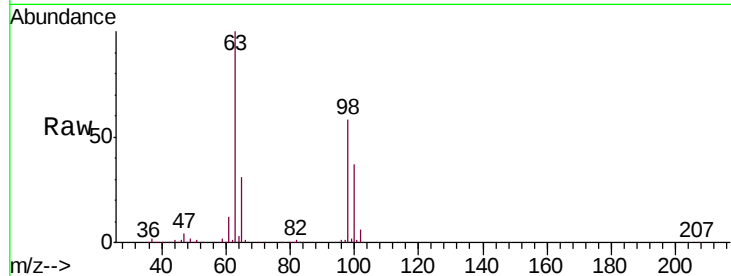
Tgt Ion: 96 Resp: 4734

Ion Ratio Lower Upper

96 100

61 1413.2 120.9 224.5#

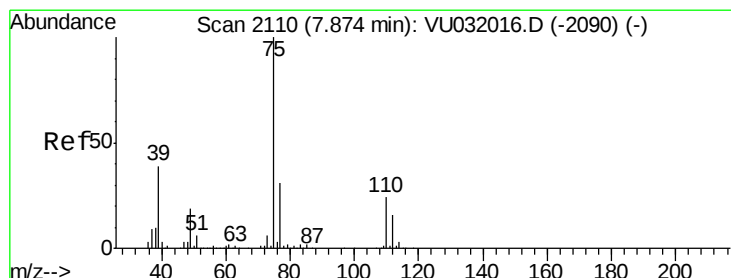
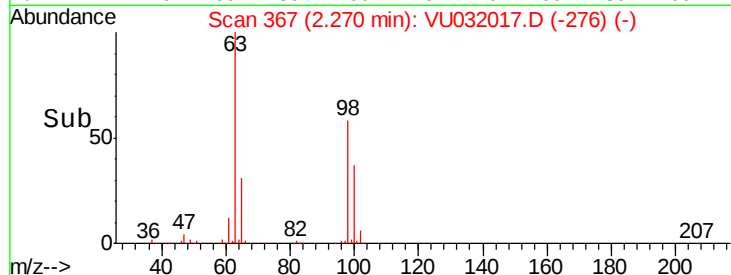
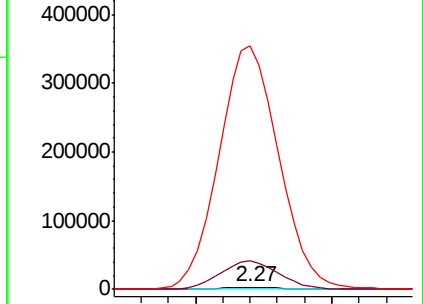
63 12240.7 84.4 156.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032017.D

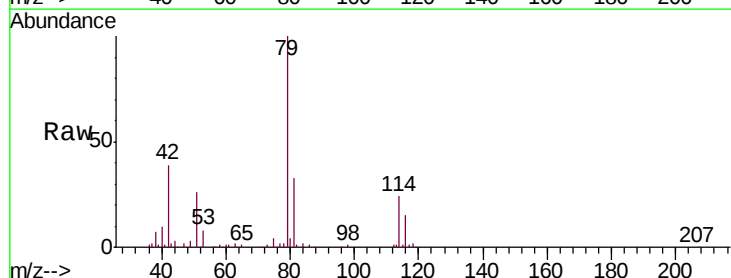
Acq: 15 May 2019 09:30

Tgt Ion: 75 Resp: 6967

Ion Ratio Lower Upper

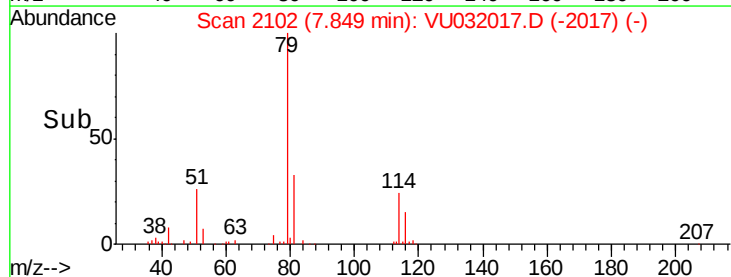
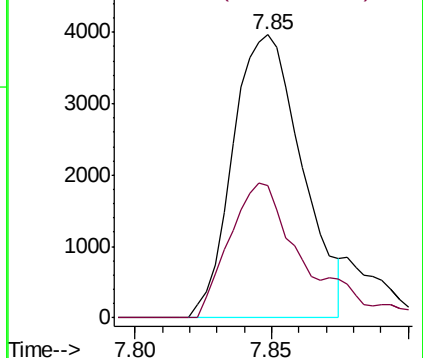
75 100

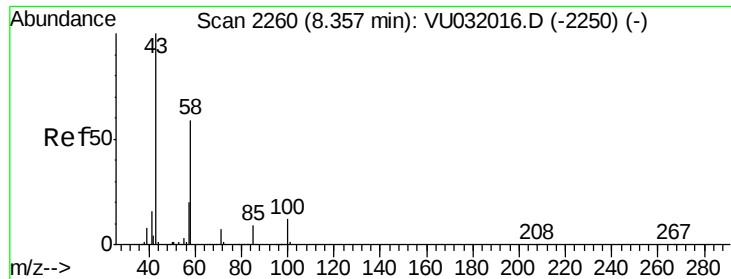
77 46.6 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 0.953 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.02 min

Lab File: VU032017.D

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Instrument :

MSVOA_U

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VBLK38

Tgt Ion: 43 Resp: 9514

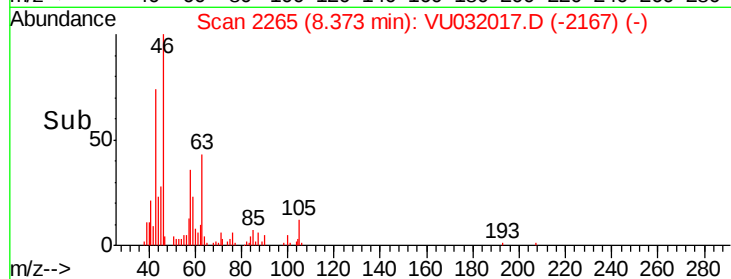
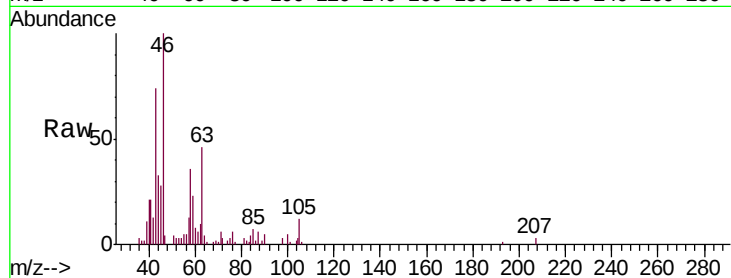
Ion Ratio Lower Upper

43 100

58 0.0 47.8 71.6#

57 0.0 16.0 24.0#

100 6.2 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

