

Data File : VW014113.D
Acq On : 25 Nov 2019 16:02
Operator : SY/VA
Sample : K6007-08
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL6

Quant Time: Nov 26 07:49:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	205090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	160219	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61055	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
7) Chloroethane-d5	2.89	69	61475	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.02	63	99910	14.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.52%
20) 2-Butanone-d5	7.07	46	69899	73.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.06%#
24) Chloroform-d	7.65	84	168504	26.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	8.30	65	94082	29.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.72%
29) Benzene-d6	8.27	84	339255	29.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.36%
33) 1,2-Dichloropropane-d6	9.27	67	111844	33.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.36%#
37) Toluene-d8	10.32	98	266797	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.57	79	30462	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	46837	74.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.34%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94243	37.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	61725	31.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.96%#

Target Compounds

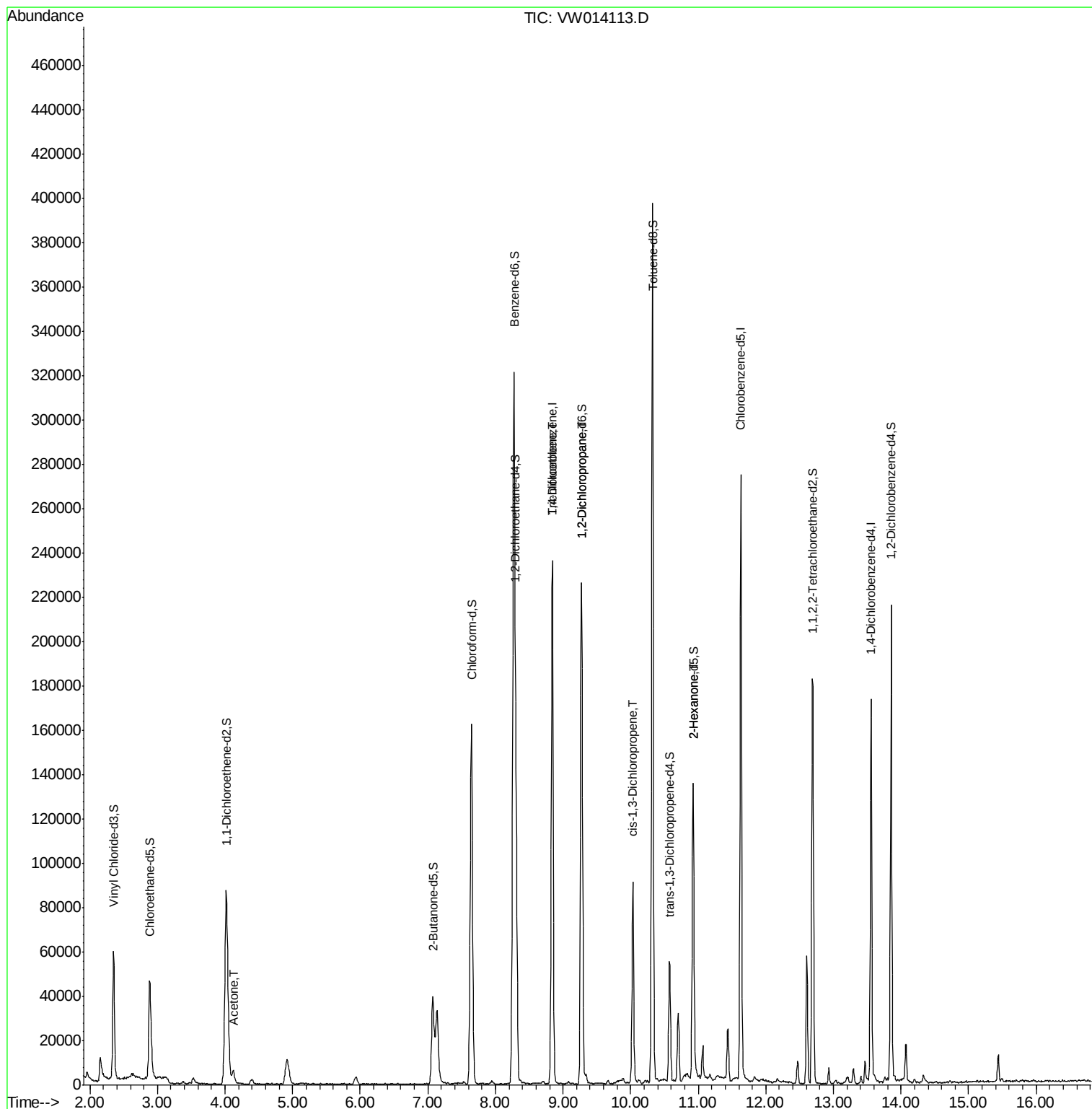
					Qvalue
13) Acetone	4.12	43	9721	10.049 ug/L	98
35) Trichloroethene	8.84	95	6099	1.946 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11826	4.180 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1924	0.431 ug/L #	58
49) 2-Hexanone	10.92	43	6121	4.545 ug/L #	46

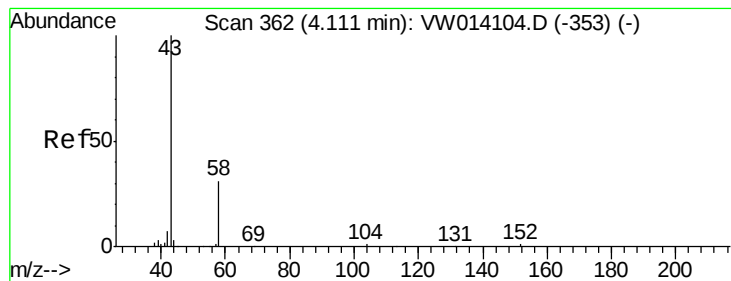
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.049 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

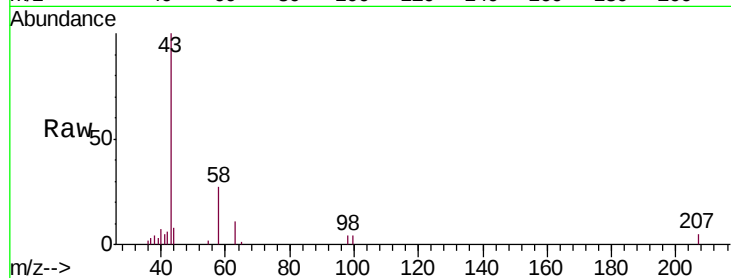
C0BL6

Tgt Ion: 43 Resp: 9721

Ion Ratio Lower Upper

43 100

58 33.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4000

3000

2000

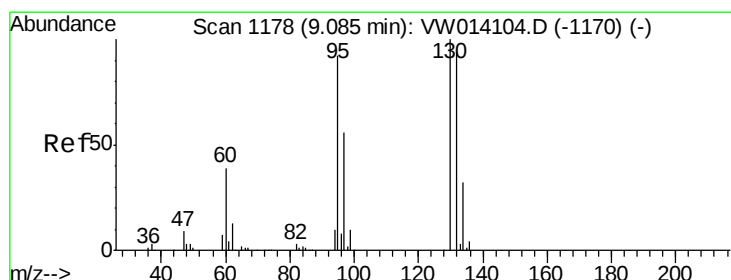
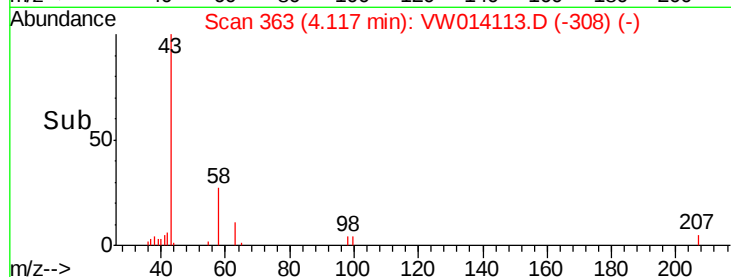
1000

0

Time-->

4.05 4.10 4.15 4.20

4.12



#35

Trichloroethene

Concen: 1.946 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Acq: 25 Nov 2019 16:02

Tgt Ion: 95 Resp: 6099

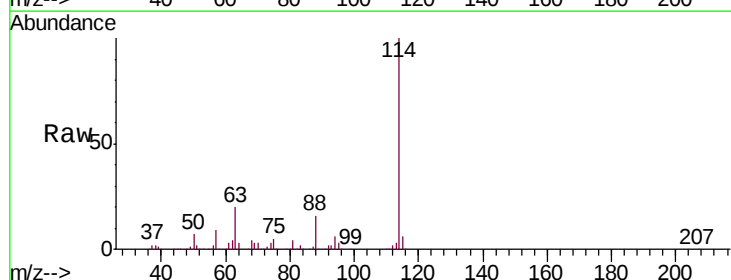
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#



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): V

Ion 130.00 (129.70 to 130.70): V

4000

3000

2000

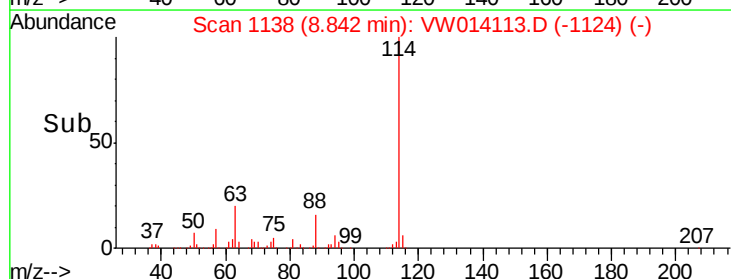
1000

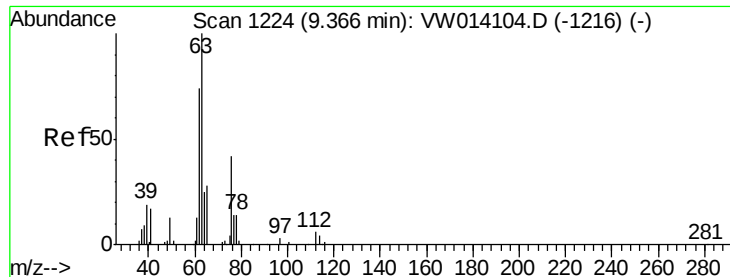
0

Time-->

8.75 8.80 8.85 8.90

8.84





#40

1,2-Dichloropropane

Concen: 4.180 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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Instrument :

MSVOA_W

ClientSampleId :

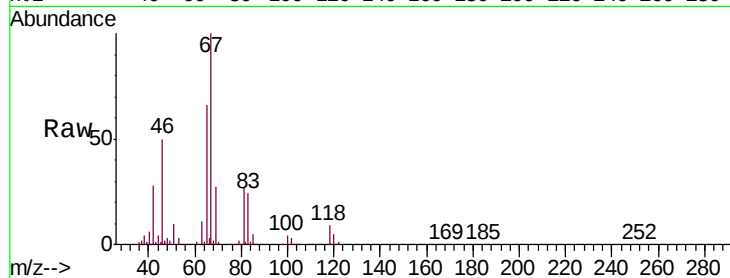
C0BL6

Tgt Ion: 63 Resp: 11826

Ion Ratio Lower Upper

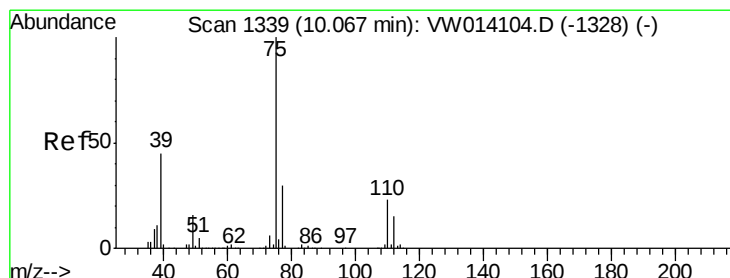
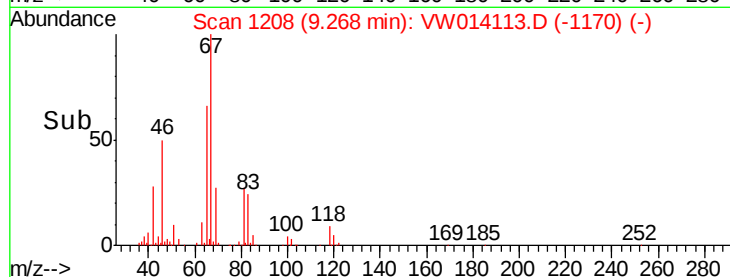
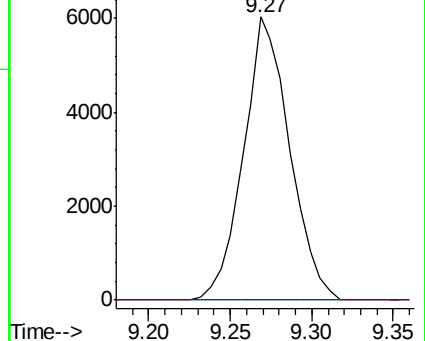
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.431 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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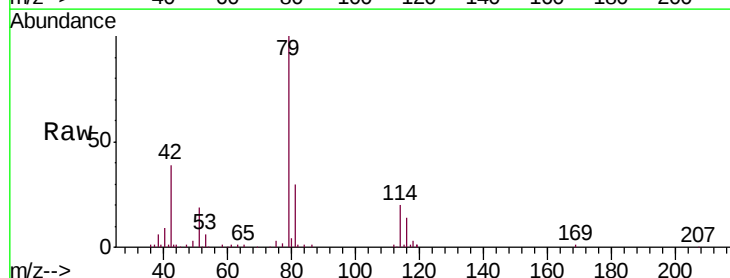
Acq: 25 Nov 2019 16:02

Tgt Ion: 75 Resp: 1924

Ion Ratio Lower Upper

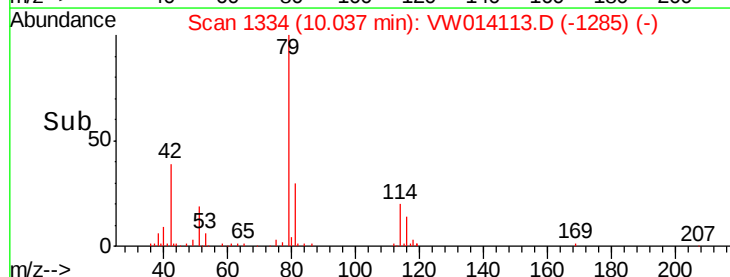
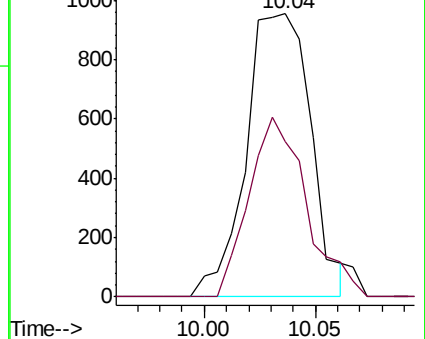
75 100

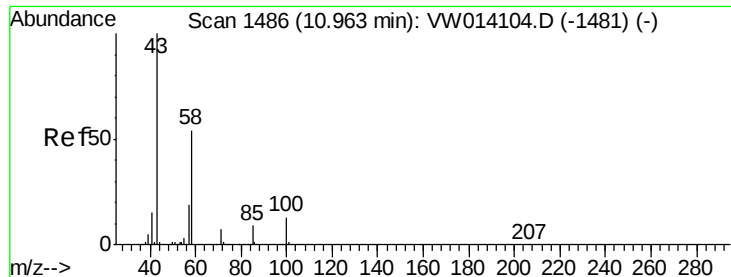
77 54.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 4.545 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Instrument :

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Tgt Ion: 43 Resp: 6121

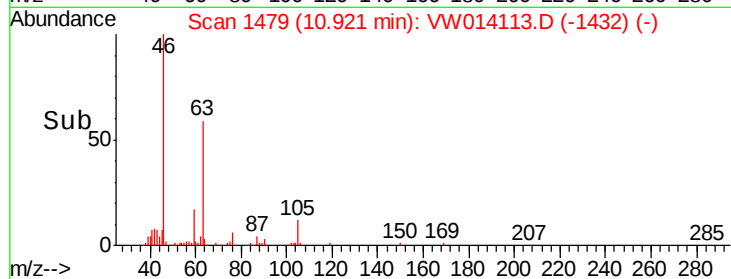
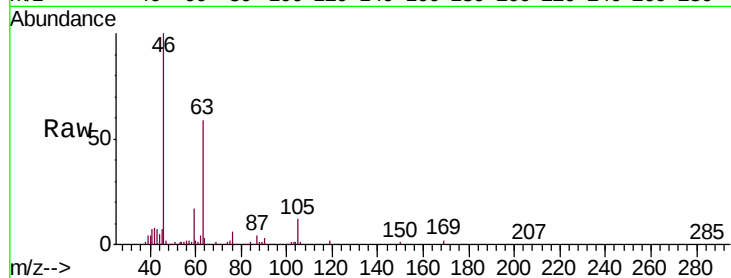
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 26.9 16.5 24.7#

100 3.1 11.1 16.7#



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

