

Data File : VW014346.D
Acq On : 13 Dec 2019 13:44
Operator : SY/VA
Sample : K6254-11RE
Misc : 4.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C34RE

Quant Time: Dec 14 04:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	866499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	624220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	144402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	320362	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.68%
7) Chloroethane-d5	2.89	69	259135	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
10) 1,1-Dichloroethene-d2	4.02	63	435031	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.08%
20) 2-Butanone-d5	7.07	46	136038	39.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.58%
24) Chloroform-d	7.64	84	596960	27.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	8.30	65	315711	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.16%
29) Benzene-d6	8.27	84	1204542	32.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.72%
33) 1,2-Dichloropropane-d6	9.27	67	395592	35.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.60%#
37) Toluene-d8	10.32	98	935598	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.12%
38) trans-1,3-Dichloropropene-	10.57	79	116647	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.80%
39) 2-Hexanone-d5	10.92	63	98244	43.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249270	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	158023	28.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.56%

Target Compounds

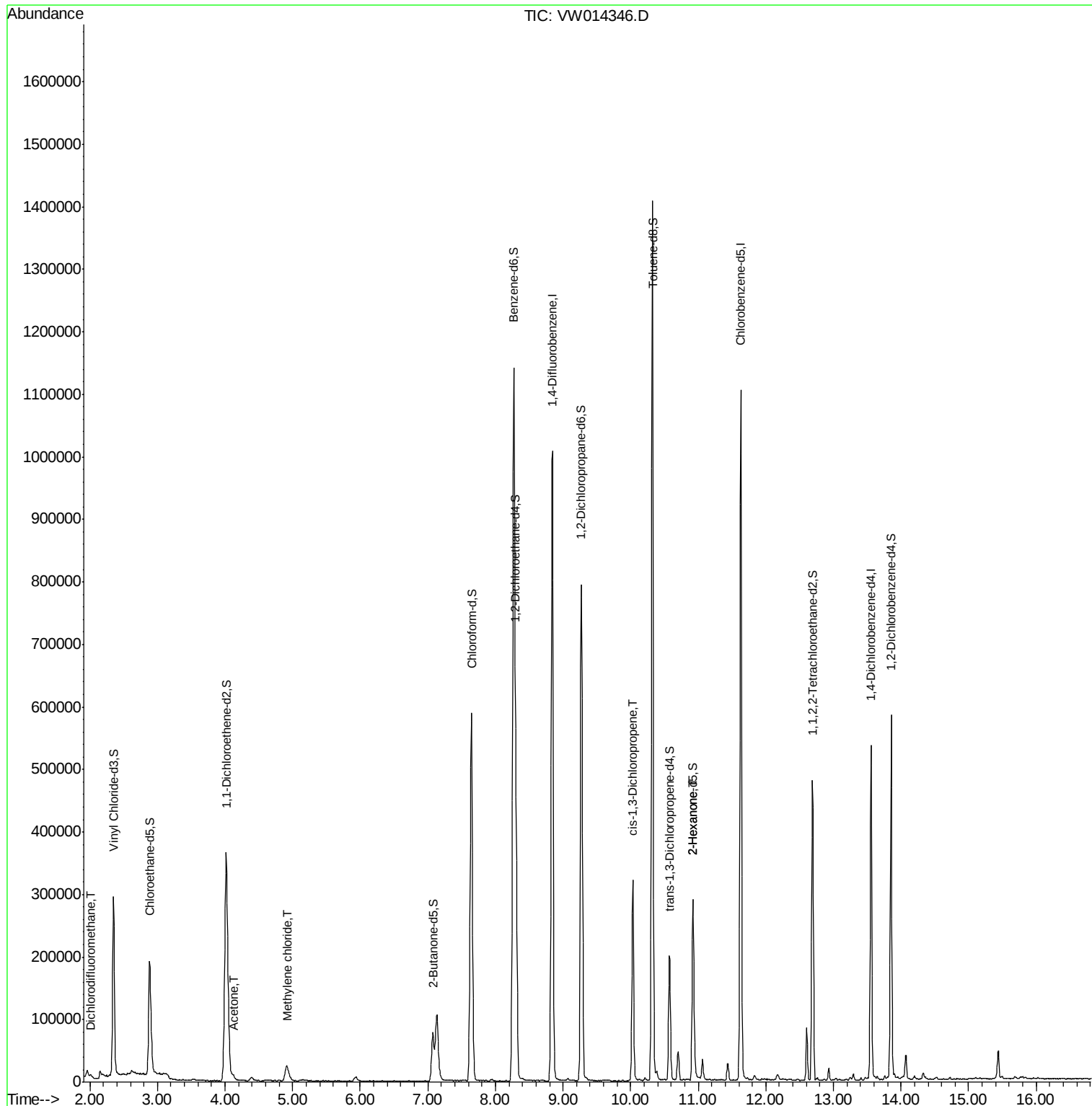
					Qvalue
2) Dichlorodifluoromethane	2.01	85	4110	0.499 ug/L #	79
13) Acetone	4.12	43	11225	3.405 ug/L	85
16) Methylene chloride	4.92	84	22421	1.688 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	7061	0.464 ug/L #	70
49) 2-Hexanone	10.93	43	17807	3.736 ug/L #	66

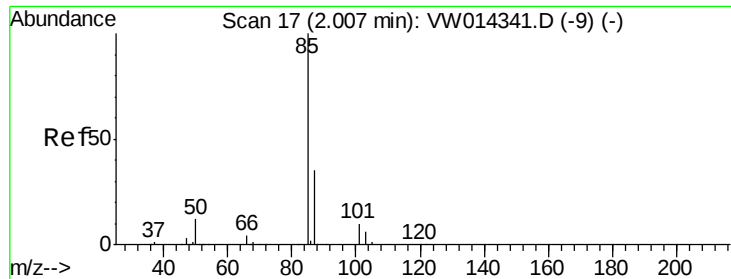
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.499 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW014346.D

Acq: 13 Dec 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

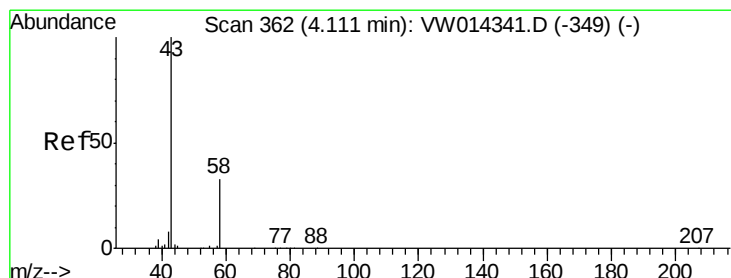
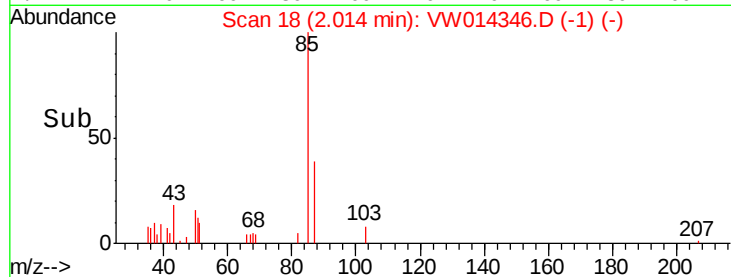
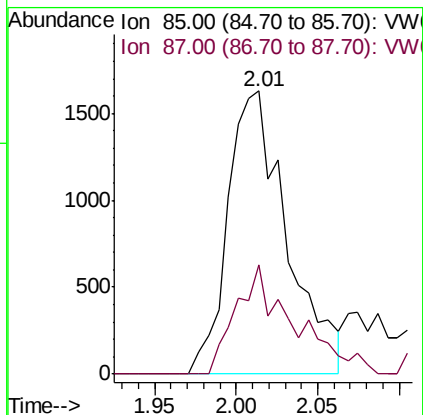
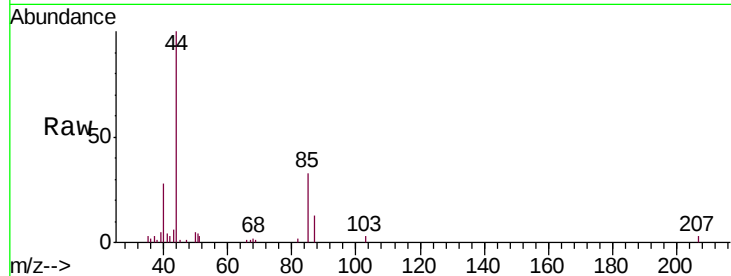
C0C34RE

Tgt Ion: 85 Resp: 4110

Ion Ratio Lower Upper

85 100

87 20.0 22.1 41.1#



#13

Acetone

Concen: 3.405 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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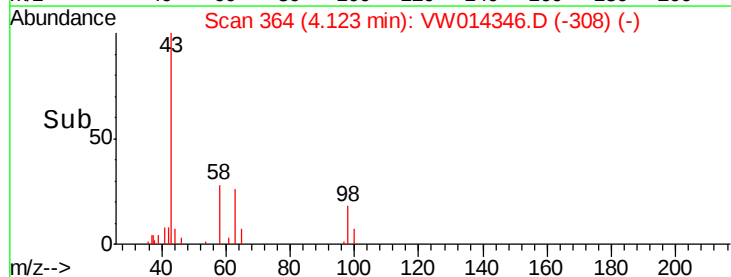
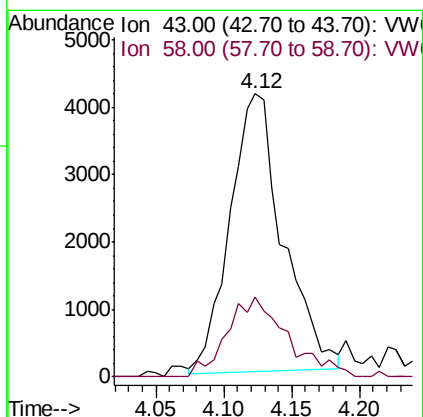
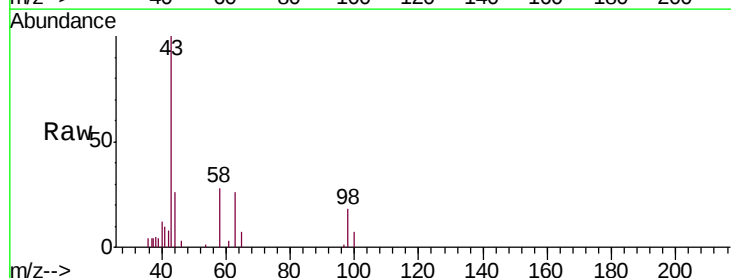
Acq: 13 Dec 2019 13:44

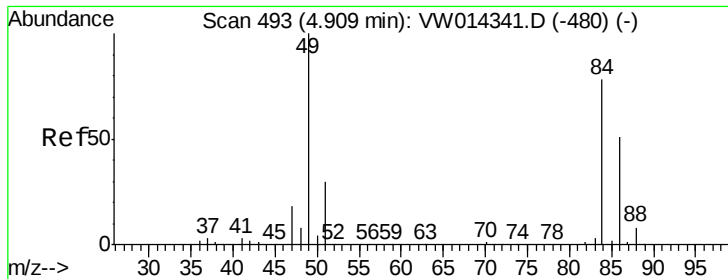
Tgt Ion: 43 Resp: 11225

Ion Ratio Lower Upper

43 100

58 24.2 0.0 65.4

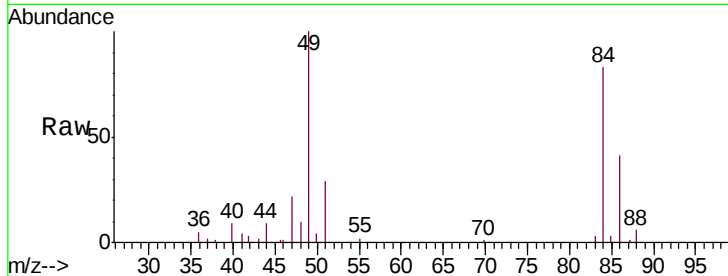




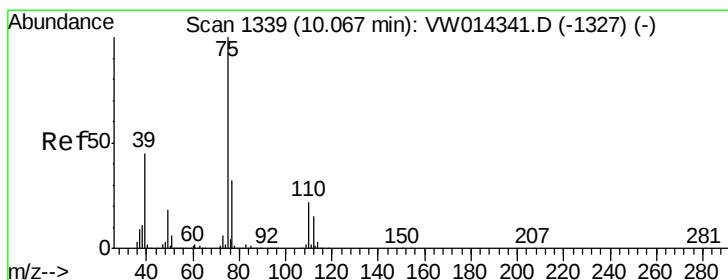
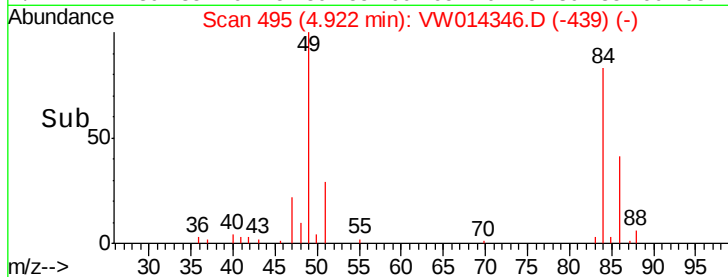
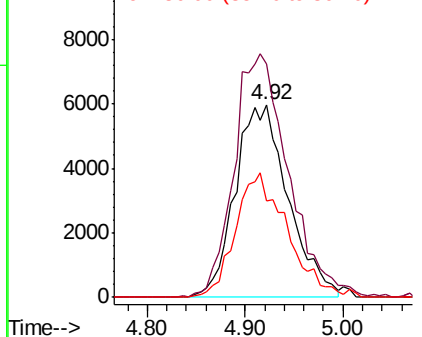
#16
Methylene chloride
Concen: 1.688 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014346.D
Acq: 13 Dec 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
C0C34RE

Tgt Ion: 84 Resp: 22421
Ion Ratio Lower Upper
84 100
49 121.2 84.2 156.4
86 50.1 43.7 81.1

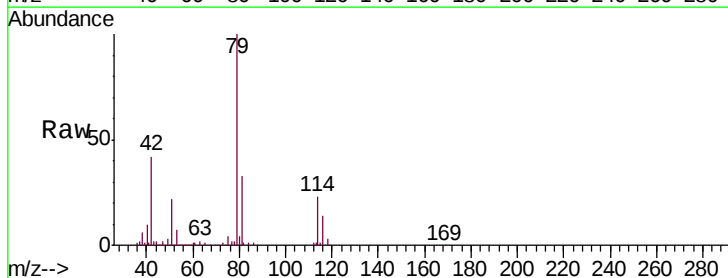


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

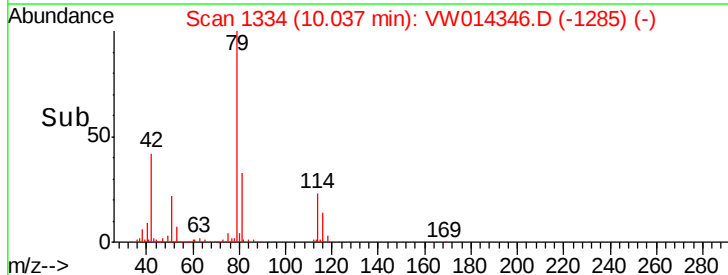
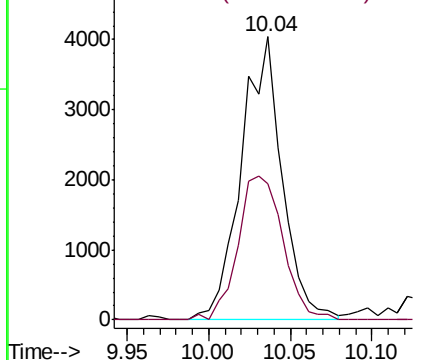


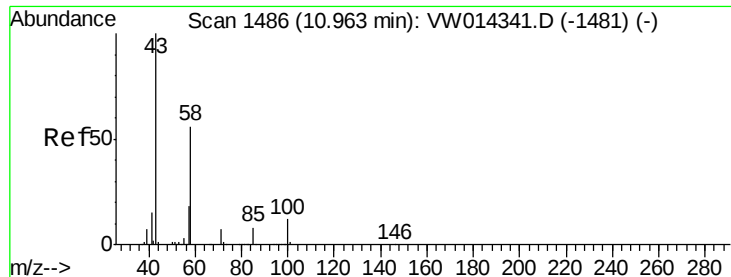
#42
cis-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014346.D
Acq: 13 Dec 2019 13:44

Tgt Ion: 75 Resp: 7061
Ion Ratio Lower Upper
75 100
77 48.1 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: 3.736 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014346.D

Acq: 13 Dec 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

C0C34RE

Tgt Ion: 43 Resp: 17807

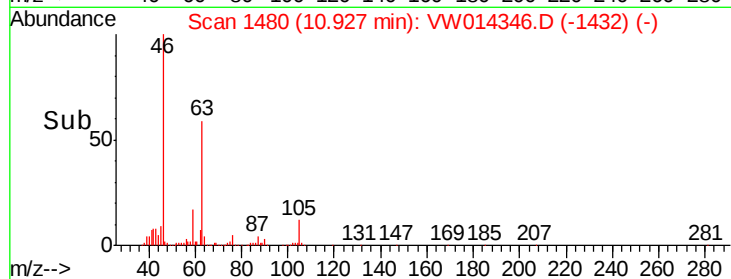
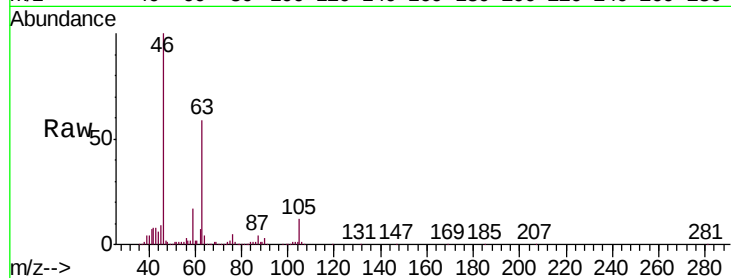
Ion Ratio Lower Upper

43 100

58 22.0 44.4 66.6#

57 24.4 16.5 24.7

100 3.0 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

