

Data File : VW011256.D
Acq On : 15 Jul 2019 13:00
Operator : SY/VA
Sample : K3760-14
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4RE

Quant Time: Jul 16 05:05:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	77752	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.89	69	63146	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.01	63	136549	14.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.16%
20) 2-Butanone-d5	7.07	46	72907	42.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.88%
24) Chloroform-d	7.65	84	177622	22.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	8.31	65	111040	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	350023	29.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.60%
33) 1,2-Dichloropropane-d6	9.27	67	120537	30.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.32%#
37) Toluene-d8	10.32	98	264494	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.58	79	33818	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	31162	34.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68865	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	47259	21.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.76%

Target Compounds

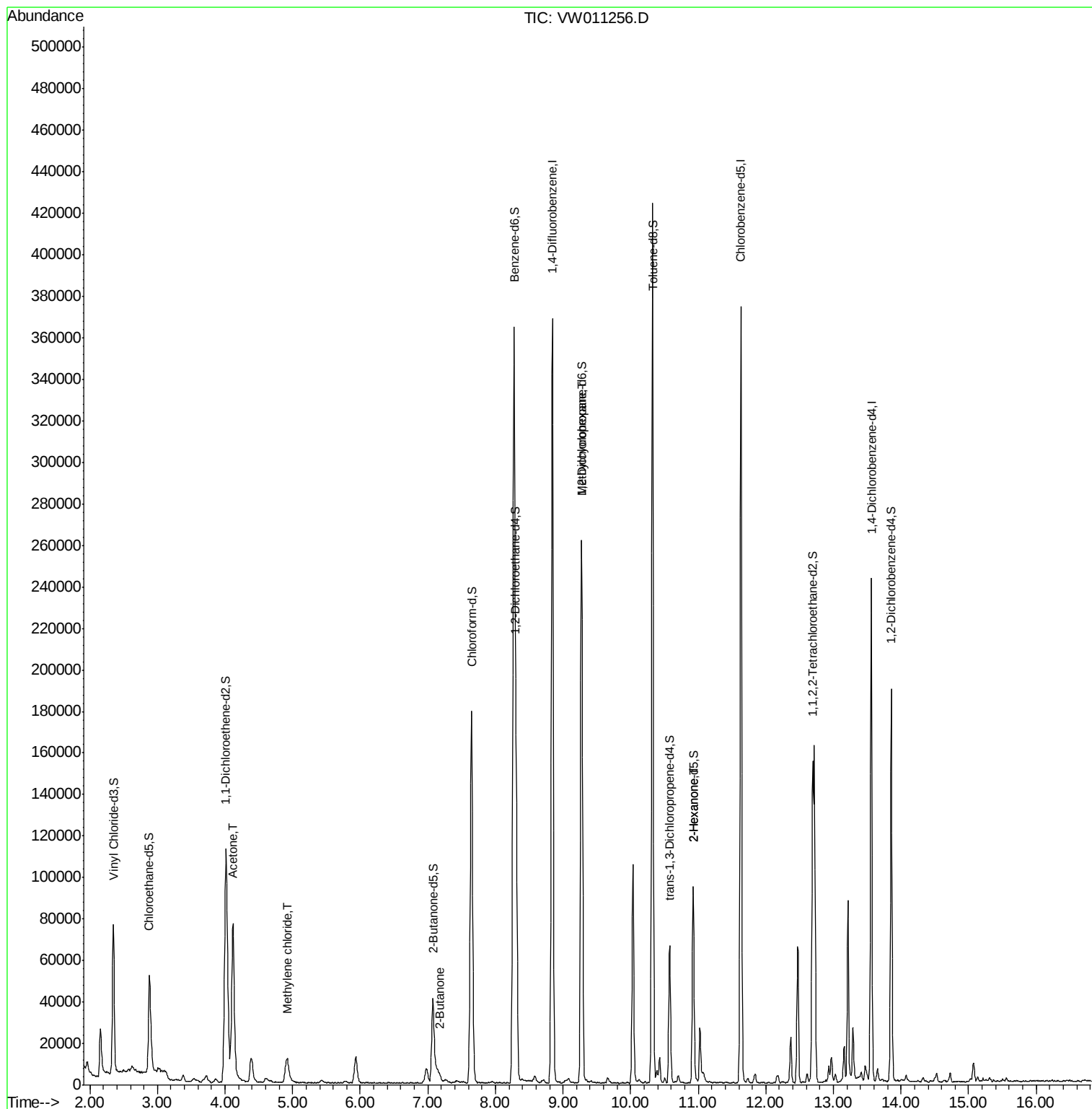
					Qvalue
13) Acetone	4.12	43	135279	80.631 ug/L	99
16) Methylene chloride	4.92	84	9446	2.251 ug/L	88
21) 2-Butanone	7.18	43	3948	1.823 ug/L	86
36) Methylcyclohexane	9.27	83	27526	4.977 ug/L #	14
49) 2-Hexanone	10.93	43	4572	2.030 ug/L #	70

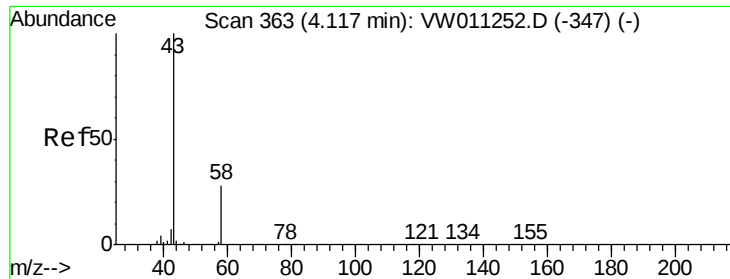
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 80.631 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 15 Jul 2019 13:00

Instrument :

MSVOA_W

ClientSampled :

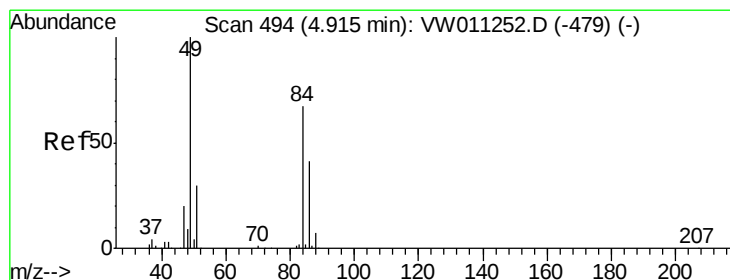
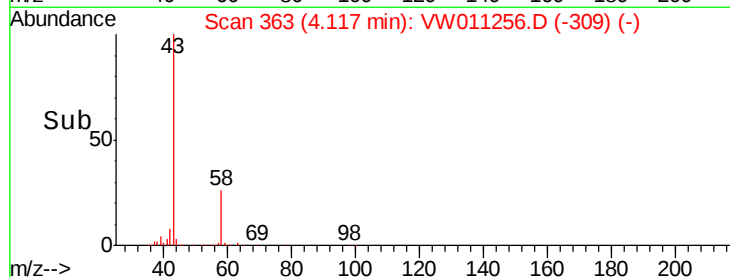
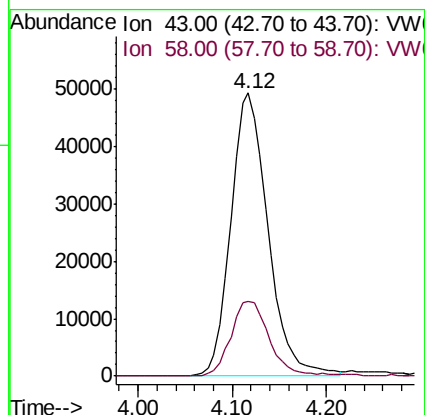
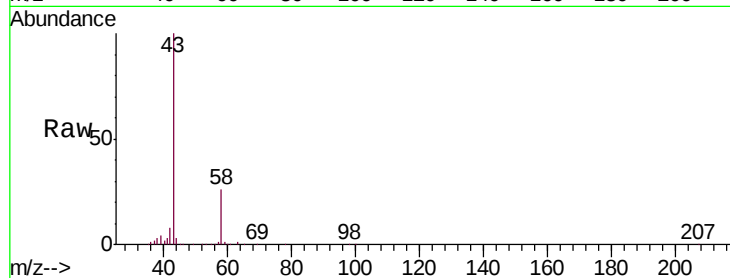
DB8Z4RE

Tgt Ion: 43 Resp: 135279

Ion Ratio Lower Upper

43 100

58 27.2 0.0 55.0



#16

Methylene chloride

Concen: 2.251 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 15 Jul 2019 13:00

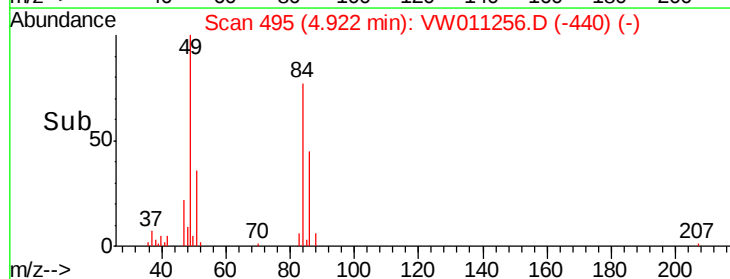
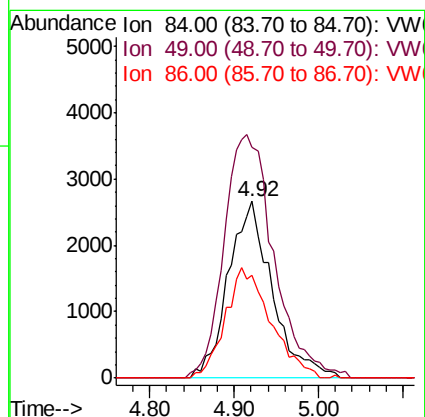
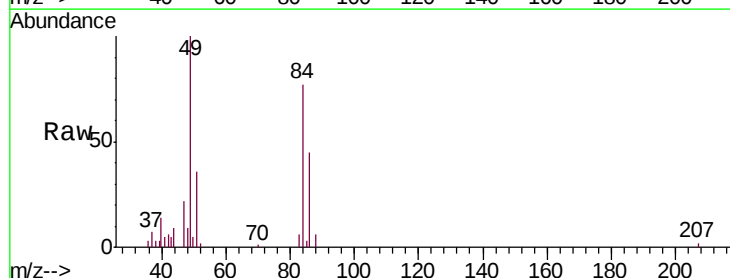
Tgt Ion: 84 Resp: 9446

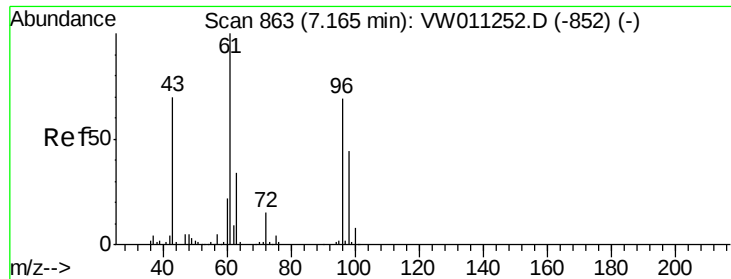
Ion Ratio Lower Upper

84 100

49 130.5 102.5 190.3

86 58.2 46.4 86.2





#21

2-Butanone

Concen: 1.823 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

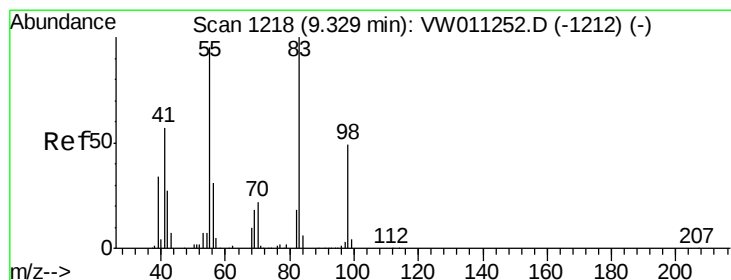
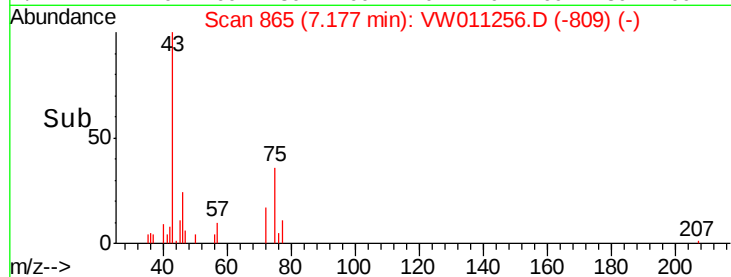
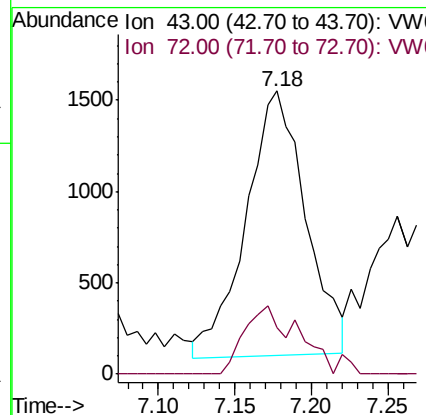
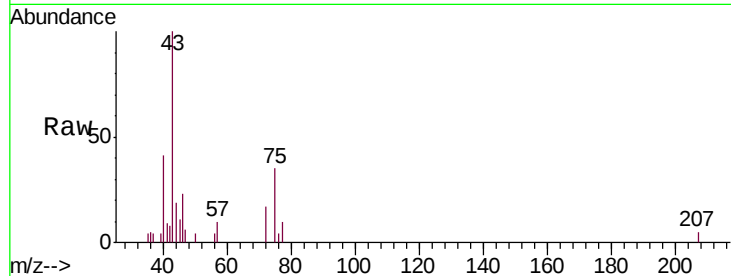
DB8Z4RE

Tgt Ion: 43 Resp: 3948

Ion Ratio Lower Upper

43 100

72 15.8 11.2 33.6



#36

Methylcyclohexane

Concen: 4.977 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

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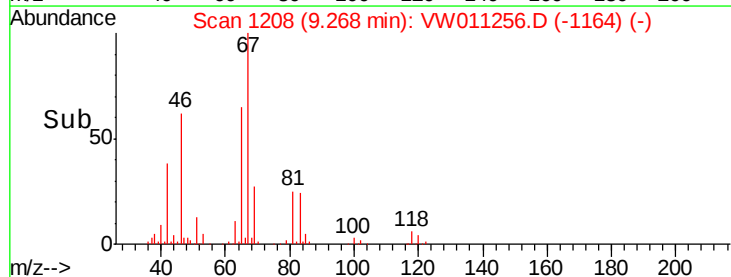
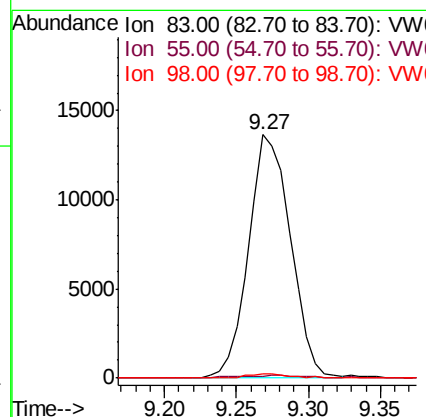
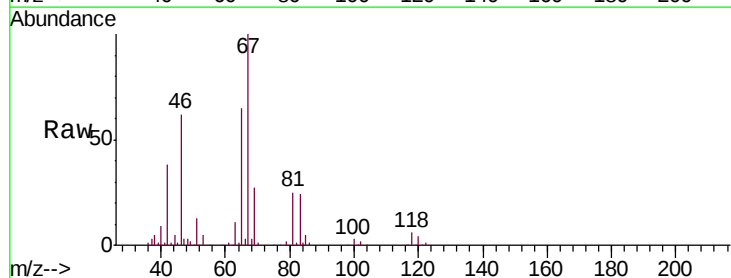
Tgt Ion: 83 Resp: 27526

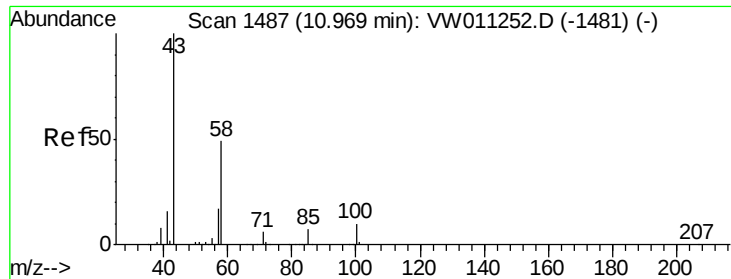
Ion Ratio Lower Upper

83 100

55 0.8 72.2 108.4#

98 1.7 38.2 57.4#





#49

2-Hexanone

Concen: 2.030 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011256.D

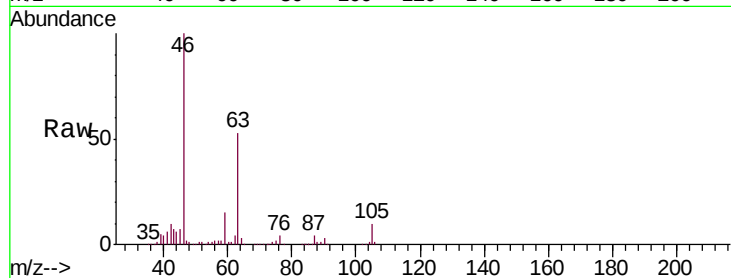
Acq: 15 Jul 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

DB8Z4RE



Tgt Ion: 43 Resp: 4572

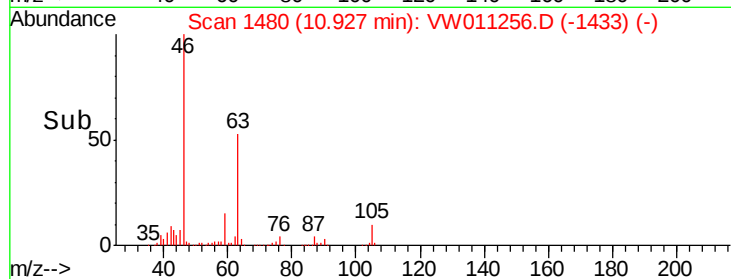
Ion Ratio Lower Upper

43 100

58 23.8 38.4 57.6#

57 24.1 13.3 19.9#

100 0.0 7.3 10.9#



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

