

Data File : VW006360.D
Acq On : 25 Oct 2018 13:21
Operator : SY/AP
Sample : J5635-12
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J5

Quant Time: Oct 26 04:08:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73305	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	2.90	69	73449	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.52%
10) 1,1-Dichloroethene-d2	4.01	63	118815	14.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	7.09	46	46768	33.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.38%
24) Chloroform-d	7.65	84	186654	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	109199	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.16%
29) Benzene-d6	8.28	84	364457	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	9.28	67	110326	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	10.33	98	344877	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.58	79	40773	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.92%
39) 2-Hexanone-d5	10.93	63	37957	35.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97848	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	116137	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

Target Compounds

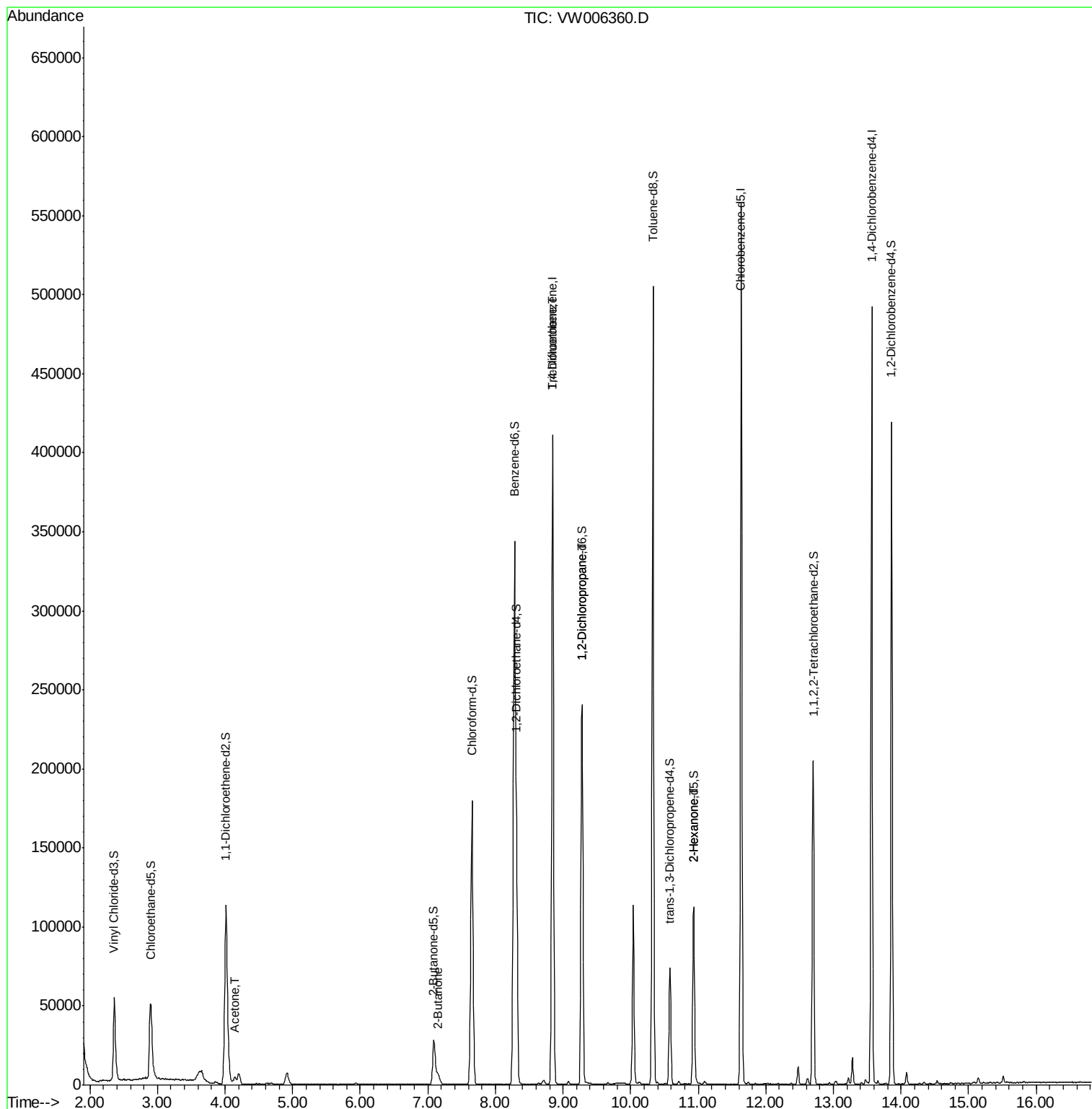
					Qvalue
13) Acetone	4.15	43	6351	4.529 ug/L	76
21) 2-Butanone	7.15	43	1758	0.944 ug/L #	57
35) Trichloroethene	8.85	95	11029	2.367 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13185	3.209 ug/L #	87
49) 2-Hexanone	10.93	43	4638	1.912 ug/L #	70

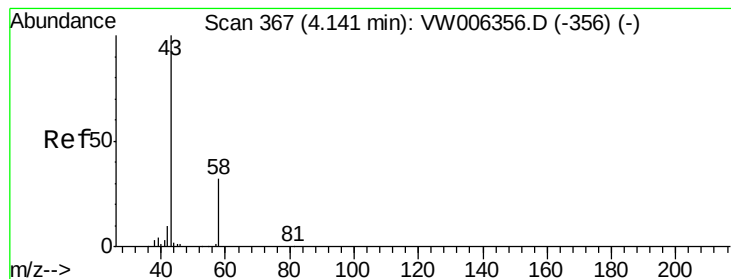
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.529 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

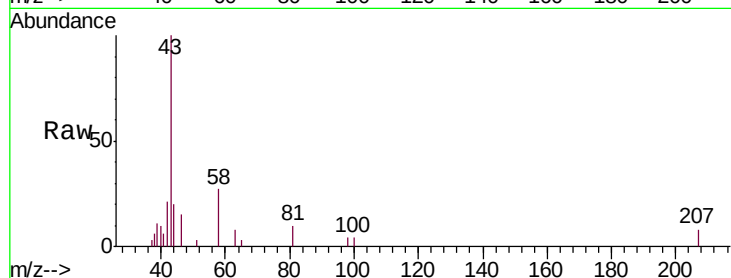
A40J5

Tgt Ion: 43 Resp: 6351

Ion Ratio Lower Upper

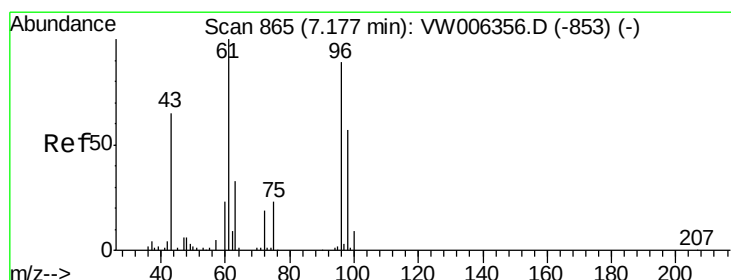
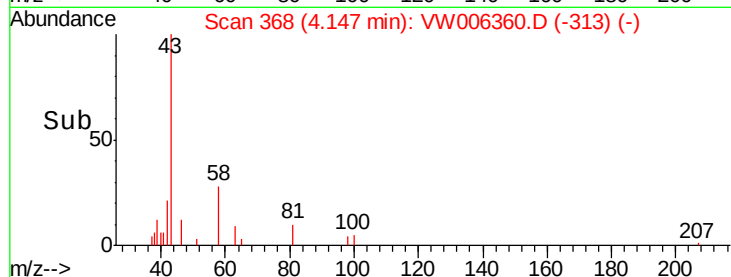
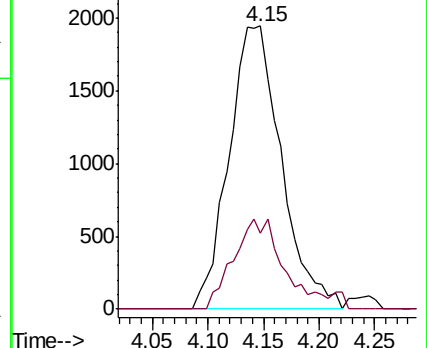
43 100

58 17.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.944 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW006360.D

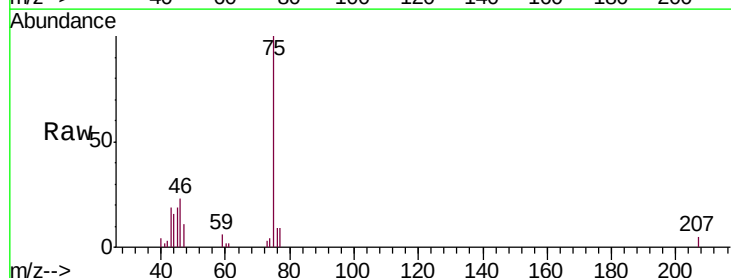
Acq: 25 Oct 2018 13:21

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

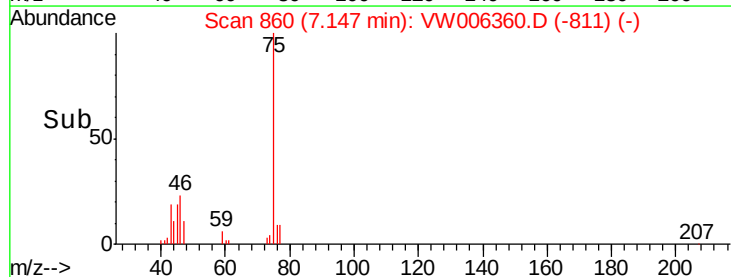
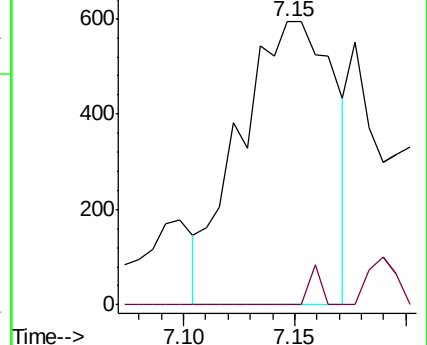
43 100

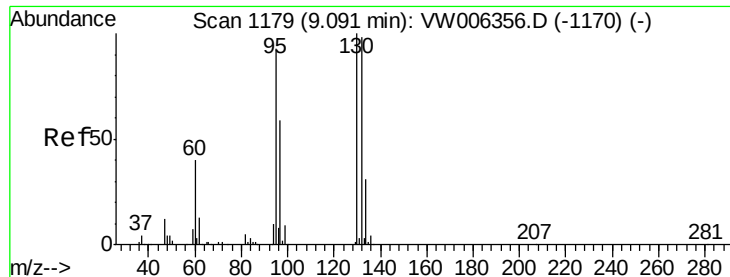
72 4.9 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.367 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006360.D

Acq: 25 Oct 2018 13:21

Instrument :

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ClientSampleId :

A40J5

Tgt Ion: 95 Resp: 11029

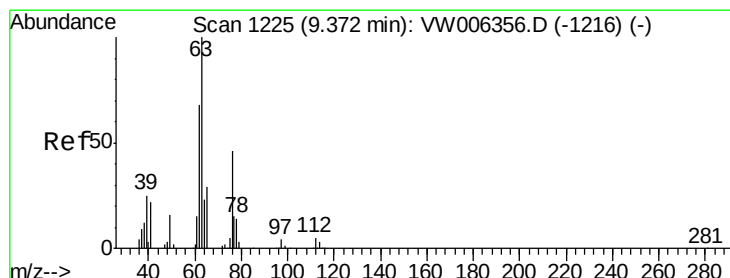
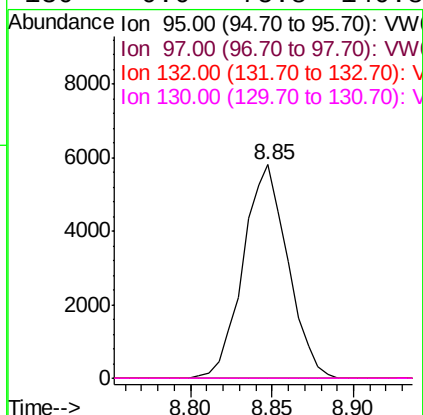
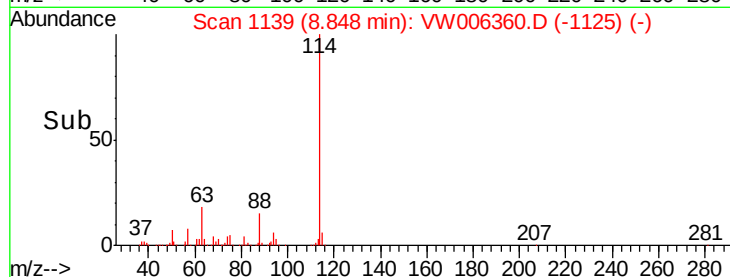
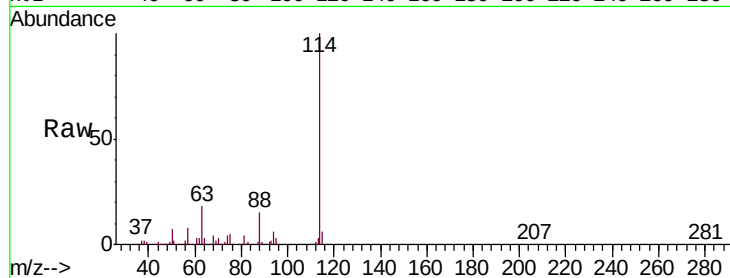
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#



#40

1,2-Dichloropropane

Concen: 3.209 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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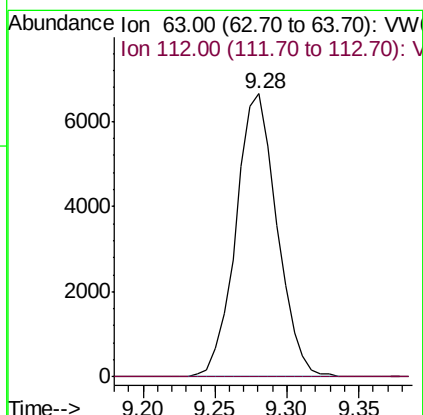
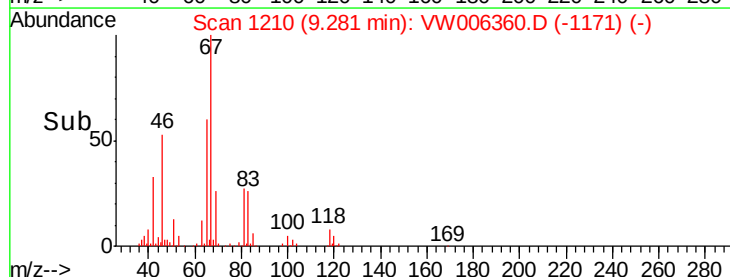
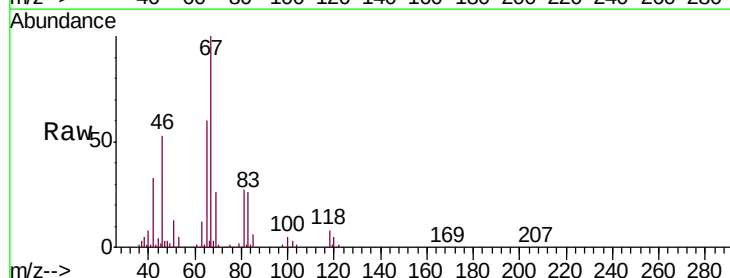
Acq: 25 Oct 2018 13:21

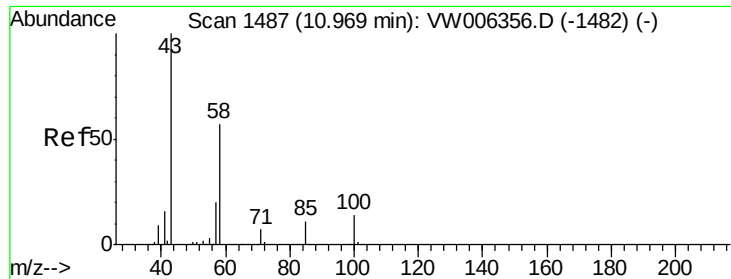
Tgt Ion: 63 Resp: 13185

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#49

2-Hexanone

Concen: 1.912 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006360.D

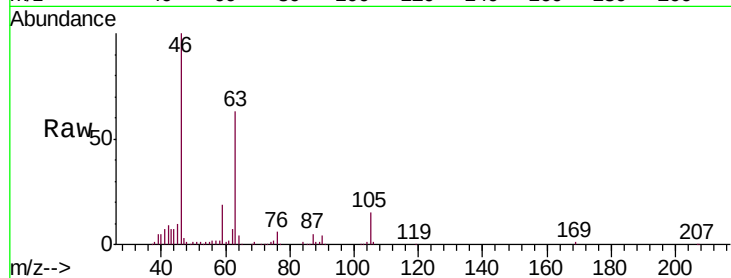
Acq: 25 Oct 2018 13:21

Instrument :

MSVOA_W

ClientSampleId :

A40J5



Tgt Ion: 43 Resp: 4638

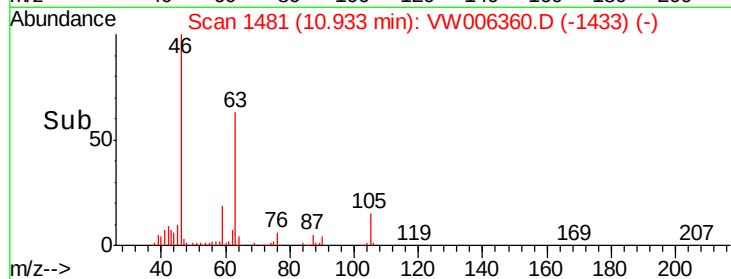
Ion Ratio Lower Upper

43 100

58 29.0 42.1 63.1#

57 27.0 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

