

Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40F1

Quant Time: Oct 26 04:10:22 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	393109	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	195224	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71394	16.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.40%
7) Chloroethane-d5	2.90	69	72631	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.12%
10) 1,1-Dichloroethene-d2	4.01	63	116827	13.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.88%
20) 2-Butanone-d5	7.09	46	54439	37.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.10%
24) Chloroform-d	7.65	84	183791	21.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	8.31	65	105380	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.48%
29) Benzene-d6	8.28	84	357223	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	9.28	67	108299	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.32%
37) Toluene-d8	10.33	98	351329	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.58	79	43408	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.20%
39) 2-Hexanone-d5	10.93	63	45955	37.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.82%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104501	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	155755	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

Target Compounds

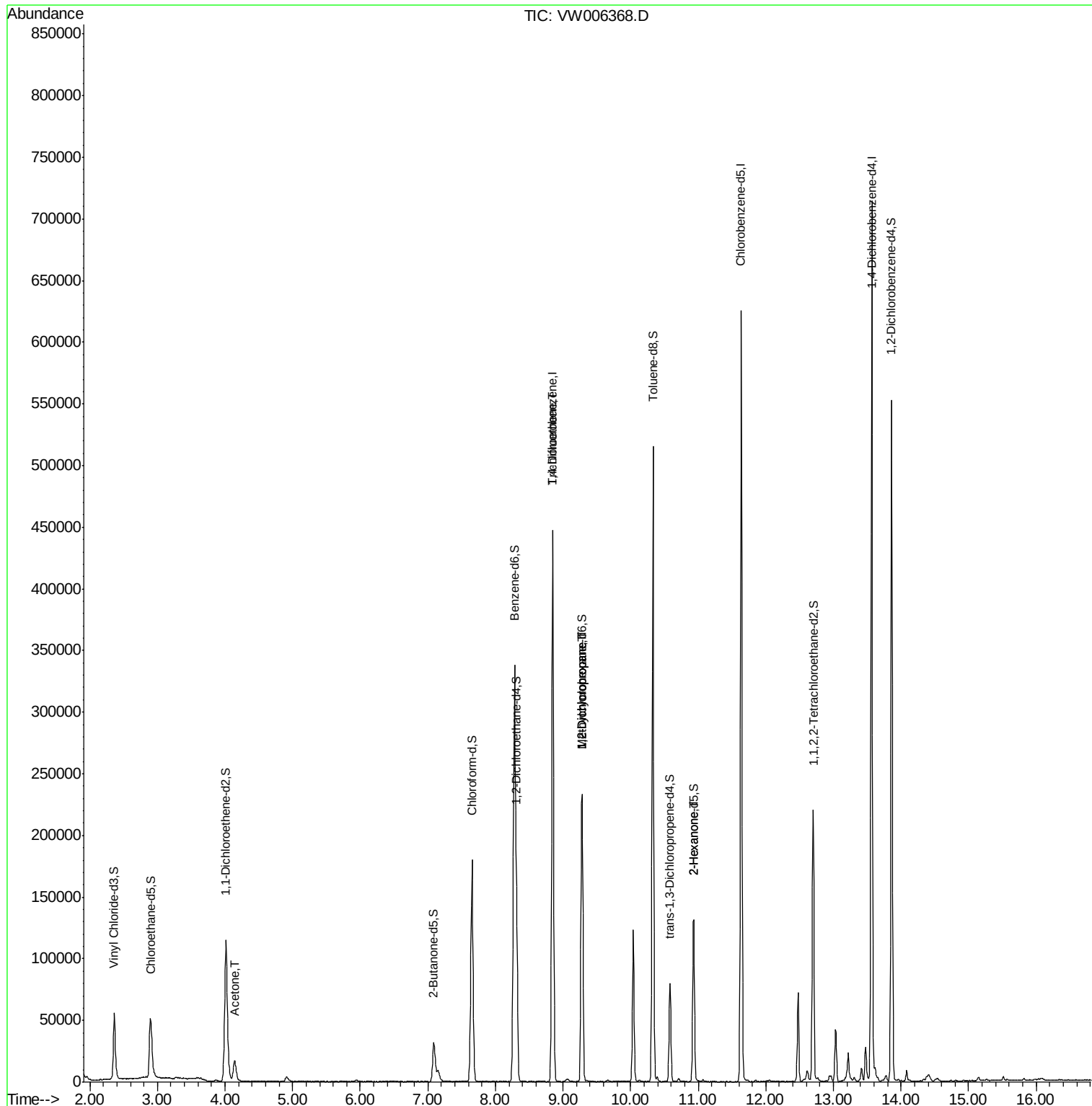
					Qvalue
13) Acetone	4.14	43	31213	21.025 ug/L	98
35) Trichloroethene	8.85	95	11455	2.166 ug/L #	2
36) Methylcyclohexane	9.28	83	27319	2.819 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	12868	2.759 ug/L #	87
49) 2-Hexanone	10.93	43	6182	2.245 ug/L #	67

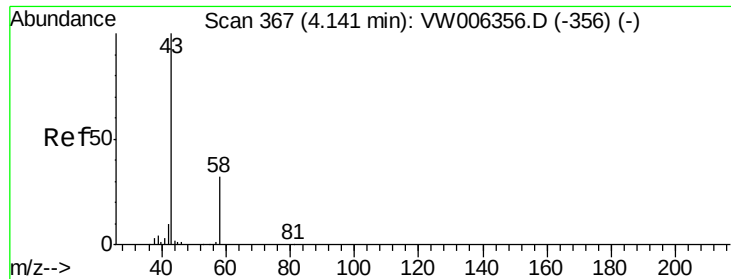
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.025 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

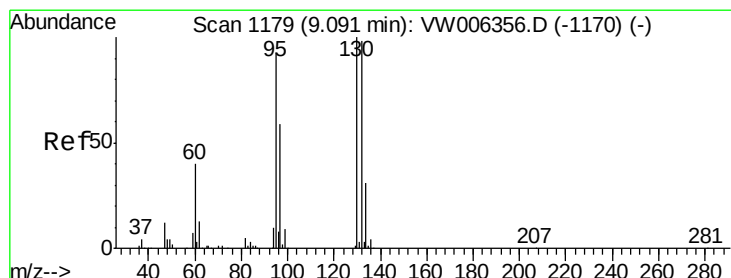
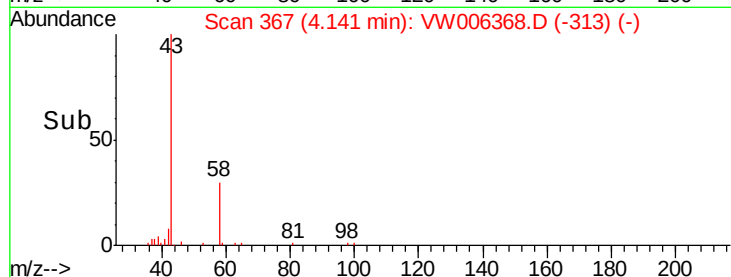
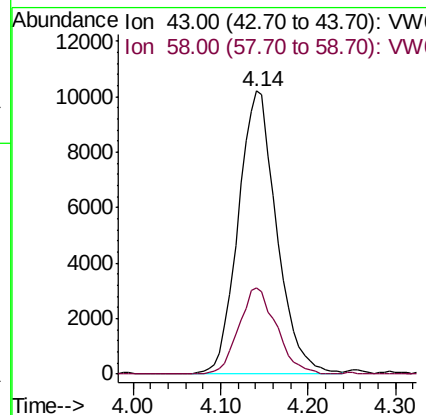
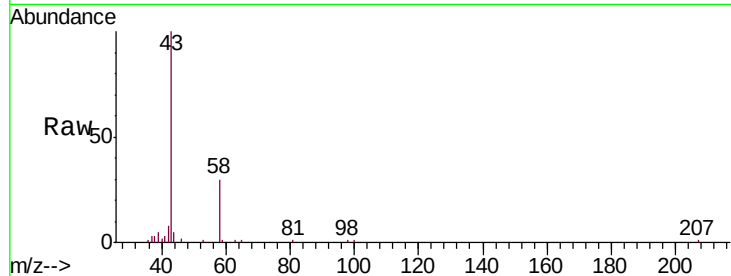
A40F1

Tgt Ion: 43 Resp: 31213

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.2



#35

Trichloroethene

Concen: 2.166 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 25 Oct 2018 17:32

Tgt Ion: 95 Resp: 11455

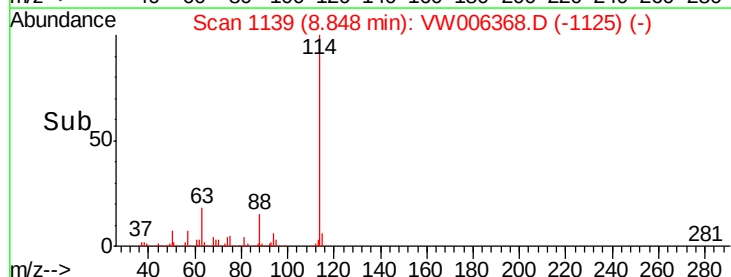
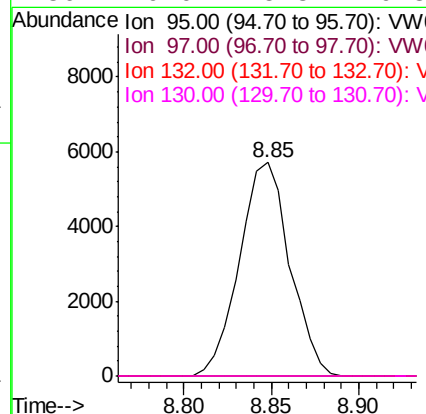
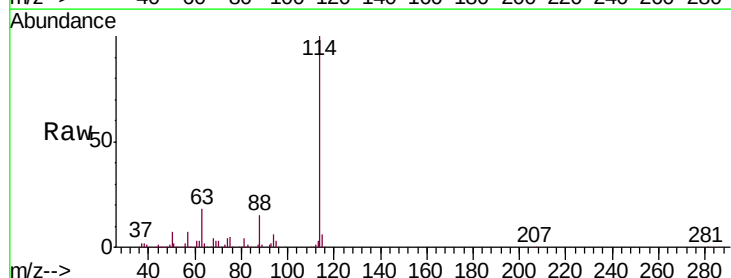
Ion Ratio Lower Upper

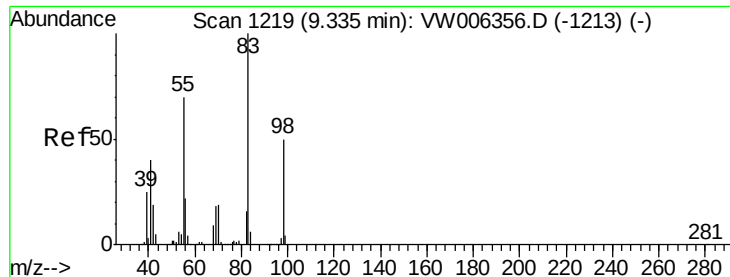
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

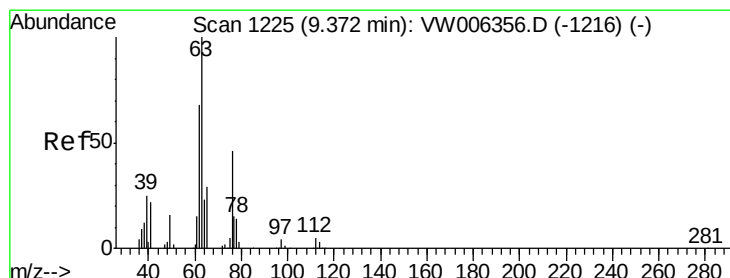
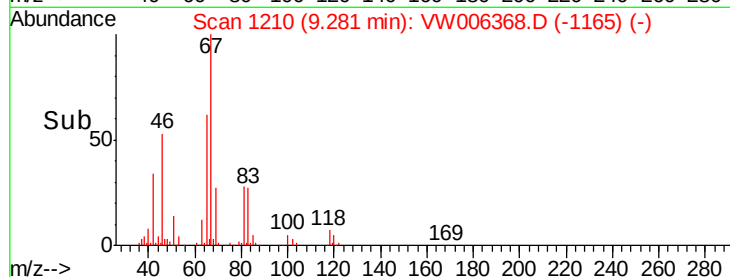
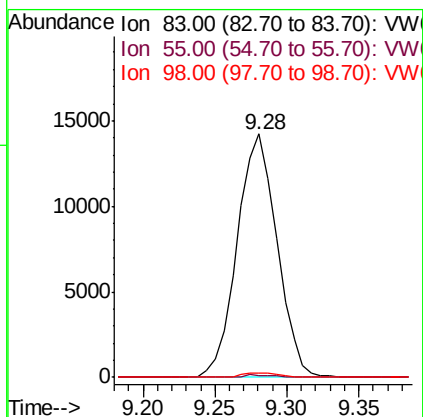
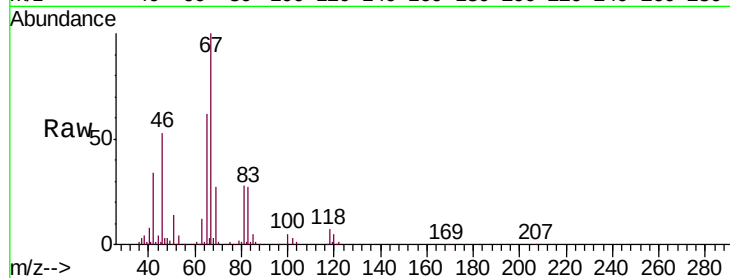




#36
Methylcyclohexane
Concen: 2.819 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
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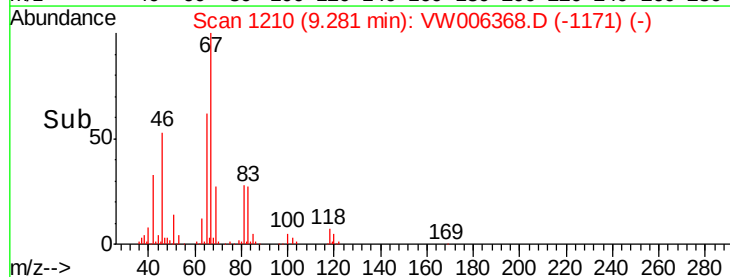
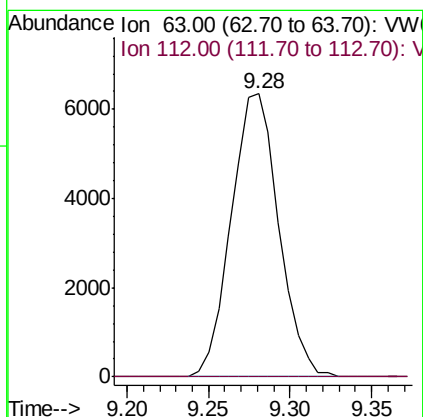
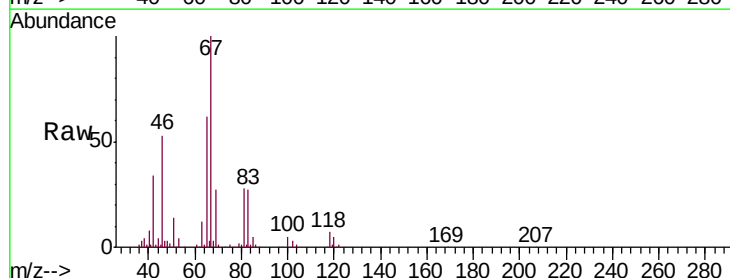
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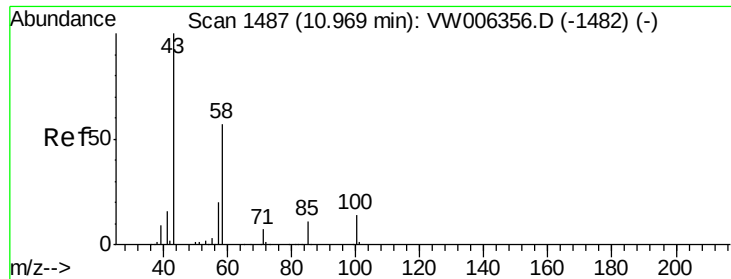
Tgt Ion: 83 Resp: 27319
Ion Ratio Lower Upper
83 100
55 0.7 57.1 85.7#
98 1.6 38.9 58.3#



#40
1,2-Dichloropropane
Concen: 2.759 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006368.D
Acq: 25 Oct 2018 17:32

Tgt Ion: 63 Resp: 12868
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#49

2-Hexanone

Concen: 2.245 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006368.D

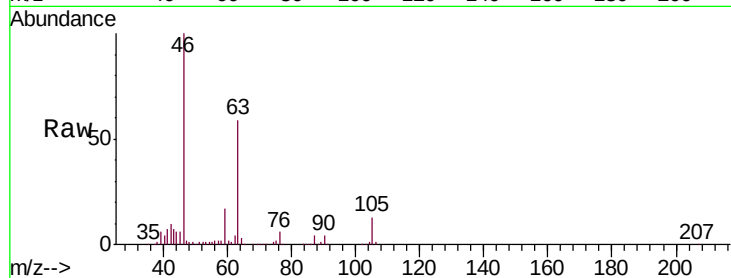
Acq: 25 Oct 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

A40F1



Tgt Ion: 43 Resp: 6182

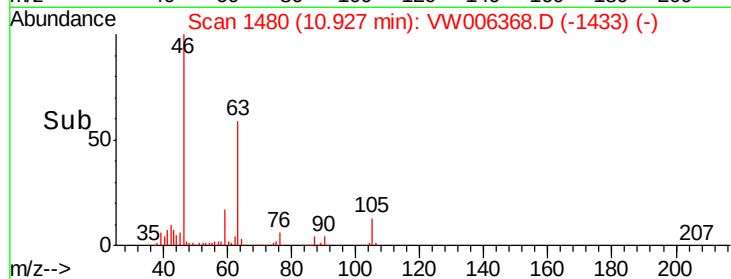
Ion Ratio Lower Upper

43 100

58 22.9 42.1 63.1#

57 22.8 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

