

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005788.D
 Acq On : 02 Oct 2018 21:43
 Operator : SY/AP
 Sample : J5182-01
 Misc : 4.10G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC50

Quant Time: Oct 03 08:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	216427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	239455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	112616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39487	14.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.24%
7) Chloroethane-d5	2.89	69	34835	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
10) 1,1-Dichloroethene-d2	4.01	63	73004	12.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.48%
20) 2-Butanone-d5	7.09	46	43147	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
24) Chloroform-d	7.65	84	129339	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	88575	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	216597	18.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.08%
33) 1,2-Dichloropropane-d6	9.28	67	72920	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.12%
37) Toluene-d8	10.33	98	208503	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.28%
38) trans-1,3-Dichloropropene-	10.58	79	36511	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	10.93	63	31245	38.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87473	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	97064	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

Target Compounds

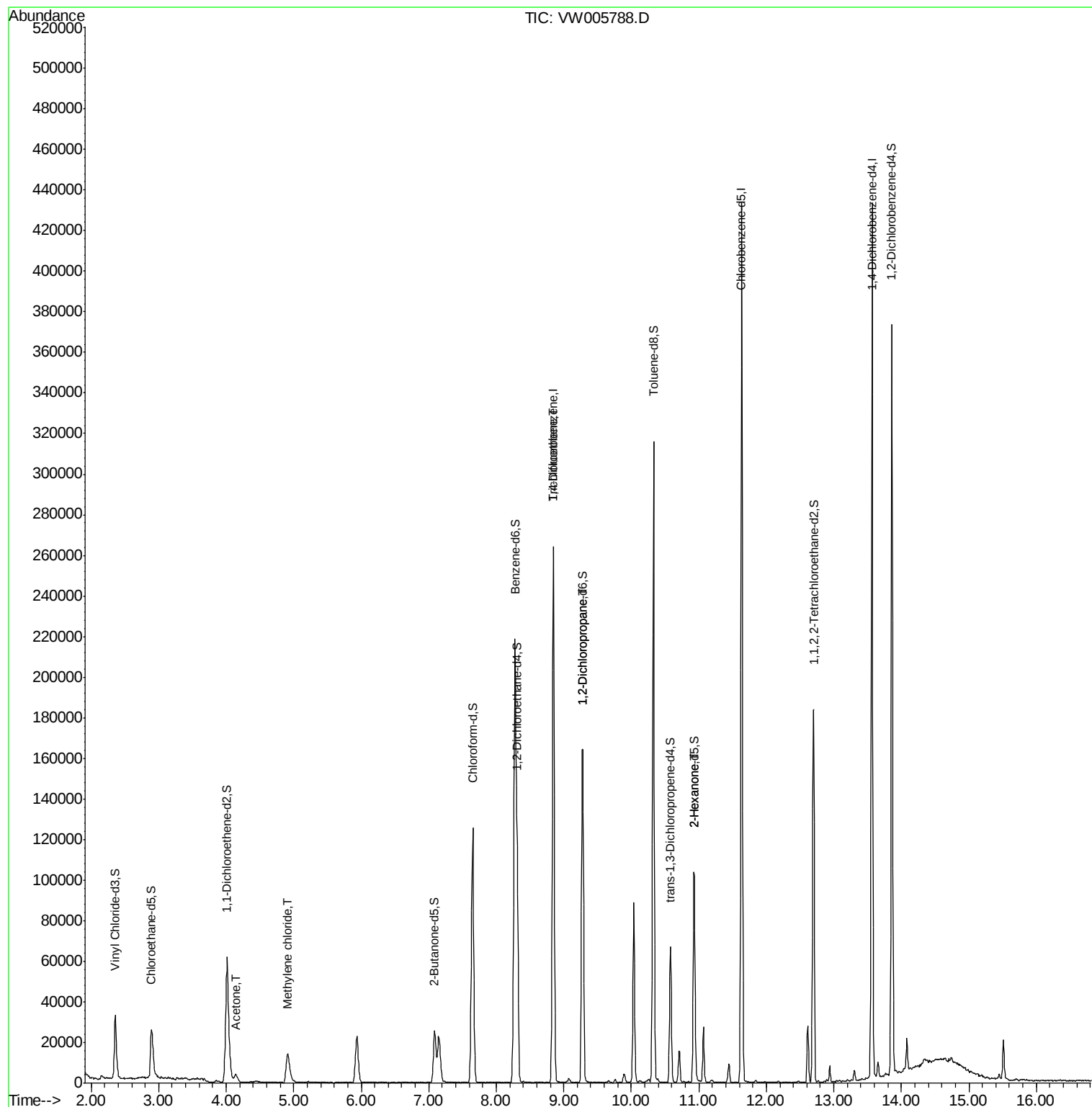
					Qvalue
13) Acetone	4.14	43	3918	4.248 ug/L	98
16) Methylene chloride	4.92	84	12593	3.529 ug/L	95
35) Trichloroethene	8.85	95	6991	1.931 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	9196	2.789 ug/L #	87
49) 2-Hexanone	10.93	43	6387	3.382 ug/L #	66

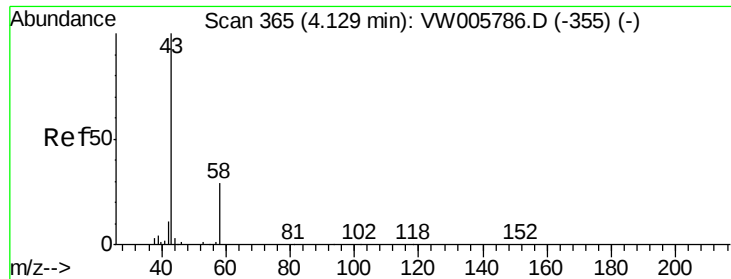
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.248 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

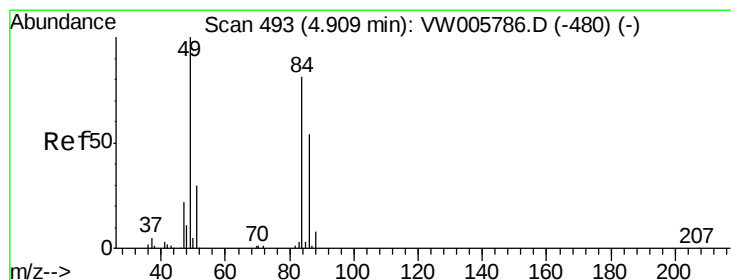
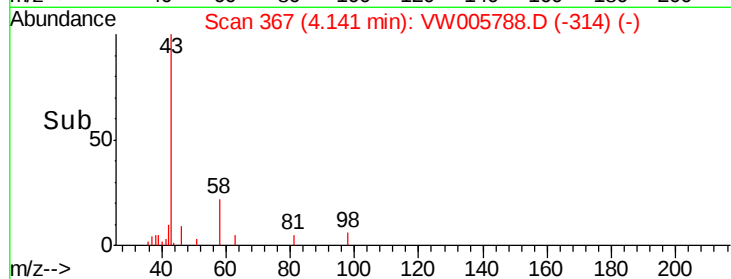
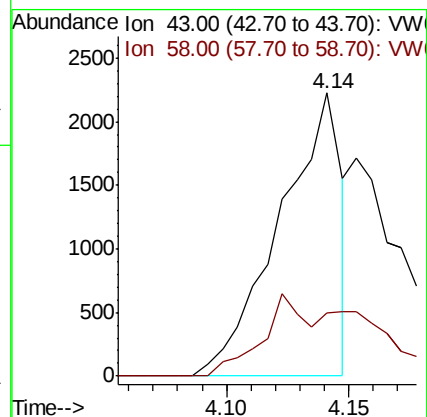
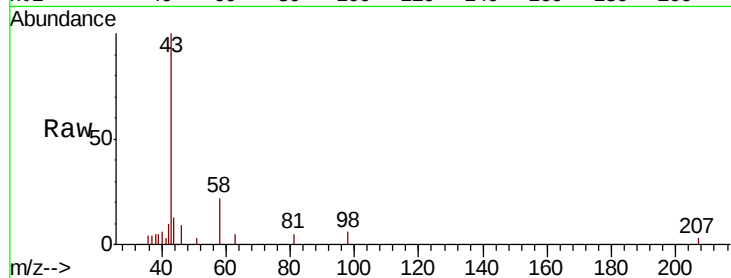
JLC50

Tgt Ion: 43 Resp: 3918

Ion Ratio Lower Upper

43 100

58 16.8 0.0 31.8



#16

Methylene chloride

Concen: 3.529 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005788.D

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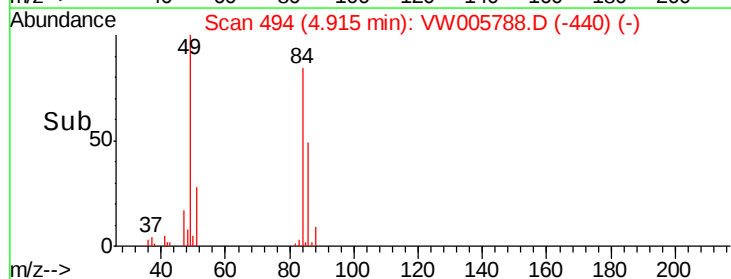
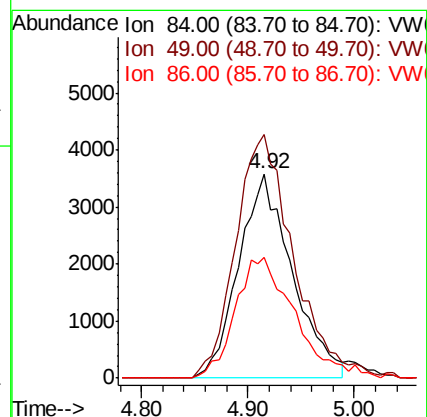
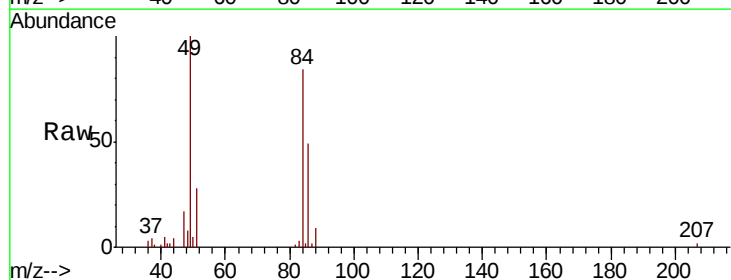
Tgt Ion: 84 Resp: 12593

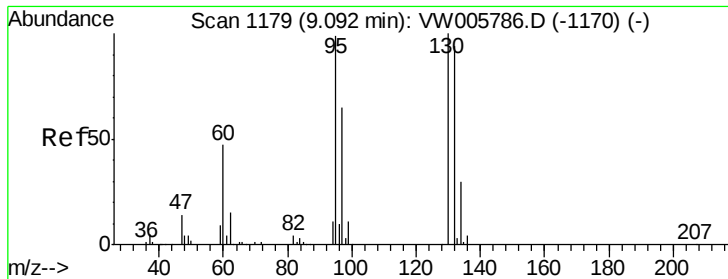
Ion Ratio Lower Upper

84 100

49 119.1 87.2 162.0

86 58.8 43.2 80.2





#35

Trichloroethene

Concen: 1.931 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 02 Oct 2018 21:43

Instrument :

MSVOA_W

ClientSampled :

JLC50

Tgt Ion: 95 Resp: 6991

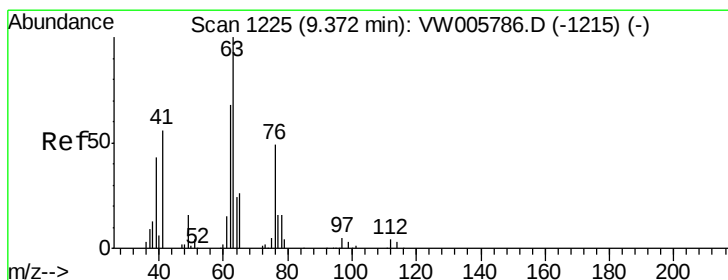
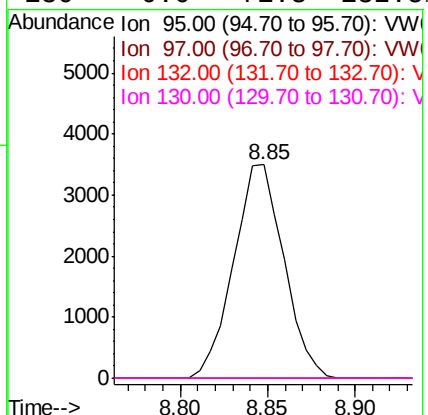
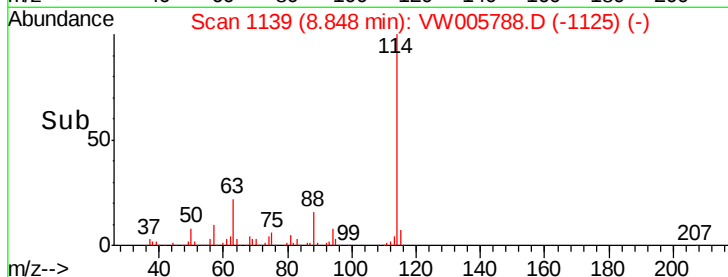
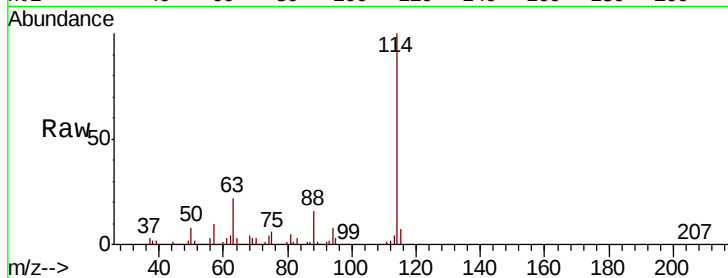
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.3 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 2.789 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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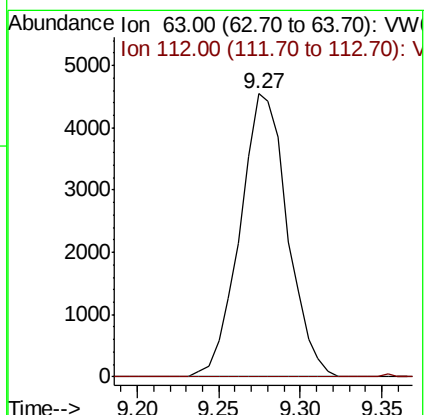
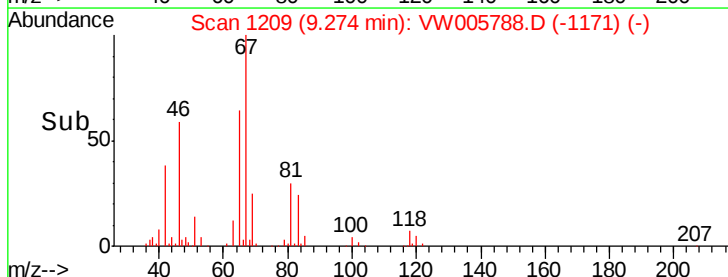
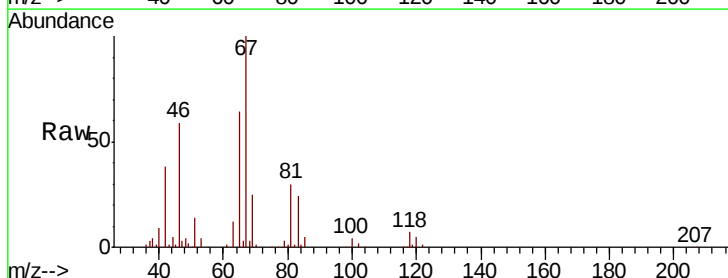
Acq: 02 Oct 2018 21:43

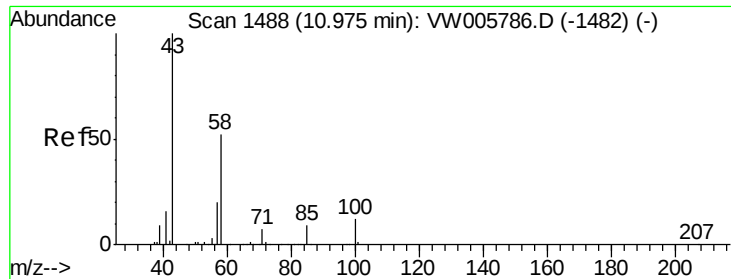
Tgt Ion: 63 Resp: 9196

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#49

2-Hexanone

Concen: 3.382 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW005788.D

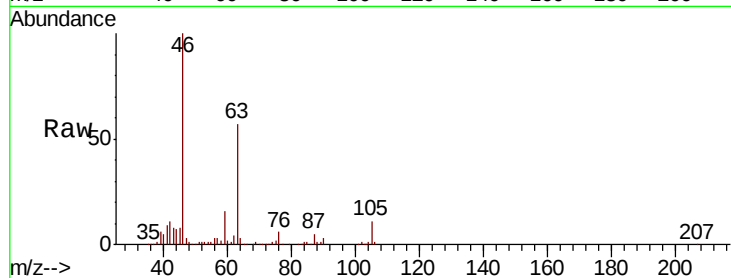
Acq: 02 Oct 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

JLC50



Tgt Ion: 43 Resp: 6387

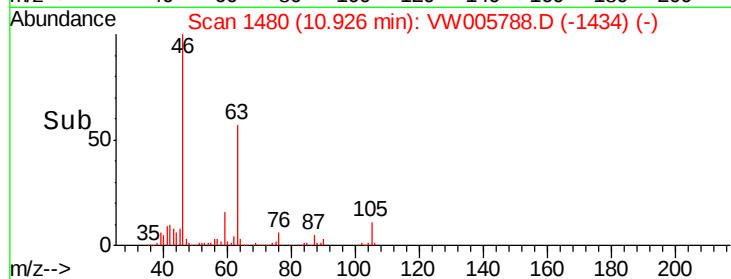
Ion Ratio Lower Upper

43 100

58 21.5 42.0 63.0#

57 25.8 15.7 23.5#

100 1.2 9.7 14.5#



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

