

Data File : VW006450.D
Acq On : 29 Oct 2018 12:57
Operator : SY/AP
Sample : J5705-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40B3

Quant Time: Oct 30 04:56:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376295	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	186434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111939	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.52%
7) Chloroethane-d5	2.90	69	97537	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
10) 1,1-Dichloroethene-d2	4.01	63	153737	18.86	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.44%
20) 2-Butanone-d5	7.09	46	57462	40.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.70%
24) Chloroform-d	7.65	84	205357	25.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	8.31	65	117404	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	417840	26.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
33) 1,2-Dichloropropane-d6	9.27	67	119435	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.33	98	413134	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.12%
38) trans-1,3-Dichloropropene-	10.58	79	54973	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	47644	40.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111418	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	171119	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

Target Compounds

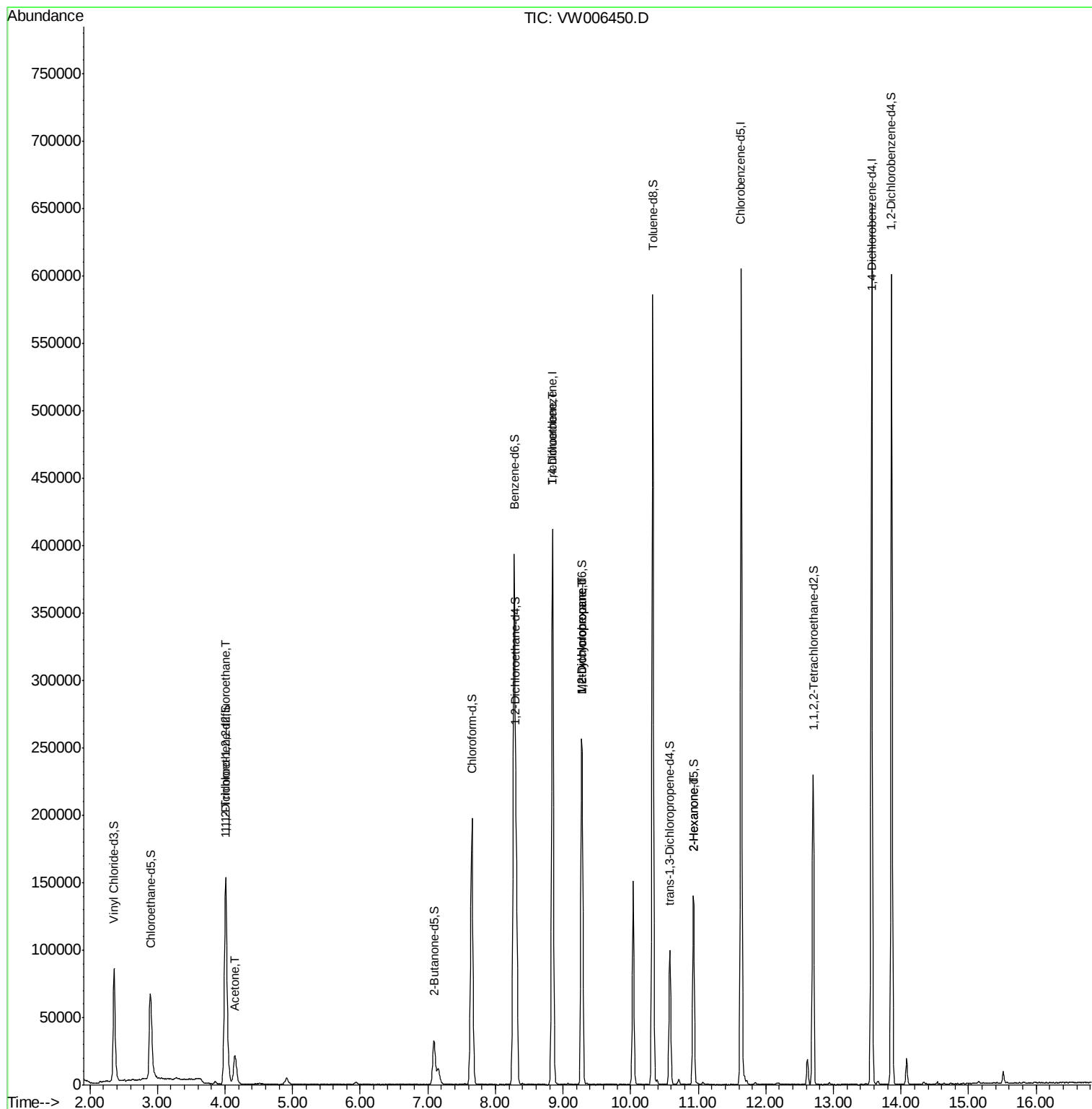
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1480	0.329	ug/L #	15
13) Acetone	4.15	43	41368	29.110	ug/L	99
35) Trichloroethene	8.84	95	10751	2.109	ug/L #	2
36) Methylcyclohexane	9.27	83	30359	3.250	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	13906	3.094	ug/L #	87
49) 2-Hexanone	10.93	43	5817	2.191	ug/L #	66

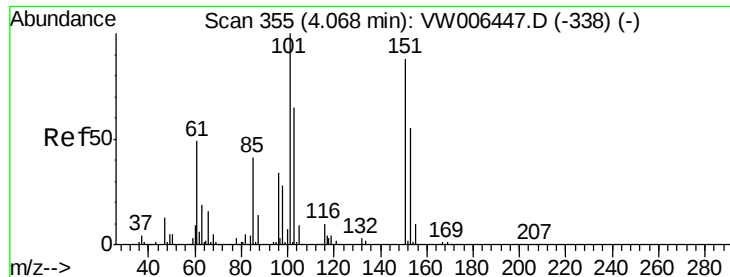
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.329 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

A40B3

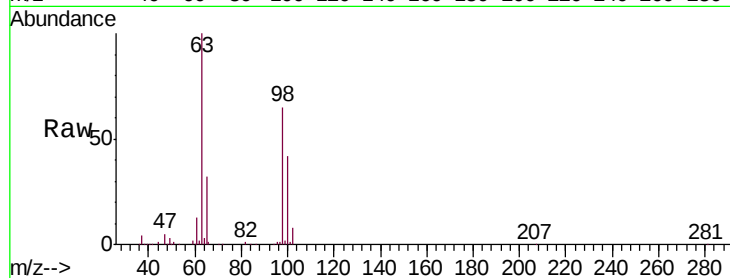
Tgt Ion: 101 Resp: 1480

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

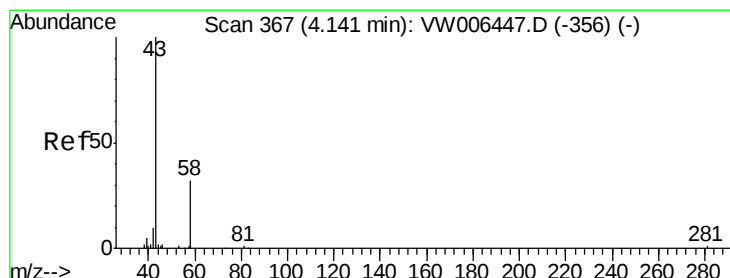
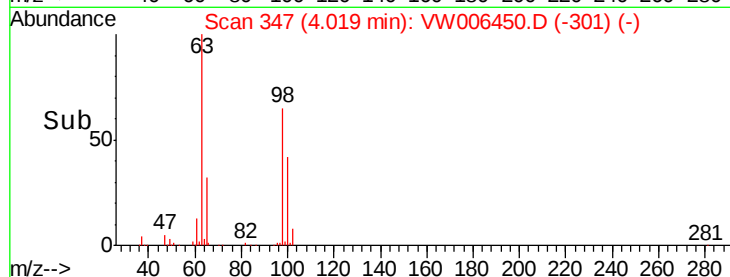
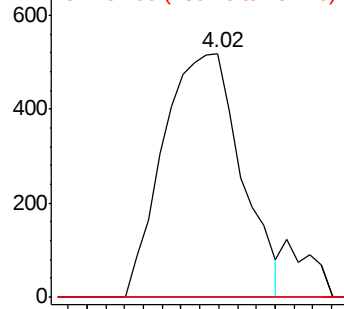
151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 29.110 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006450.D

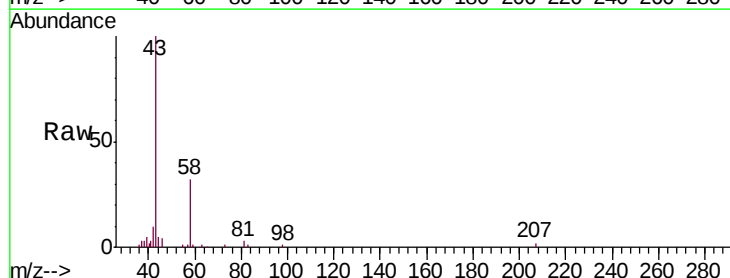
Acq: 29 Oct 2018 12:57

Tgt Ion: 43 Resp: 41368

Ion Ratio Lower Upper

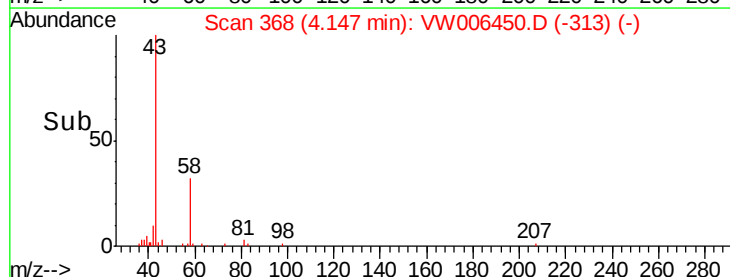
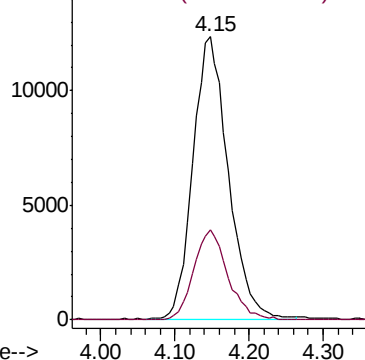
43 100

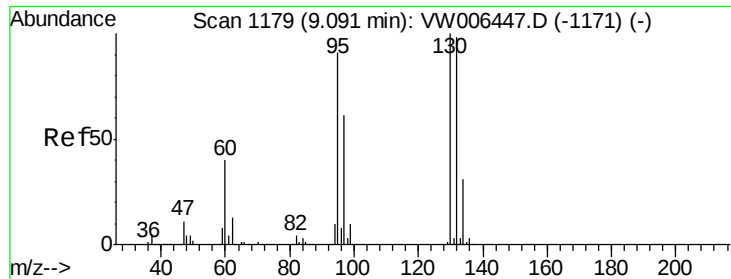
58 30.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#35

Trichloroethene

Concen: 2.109 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 10751

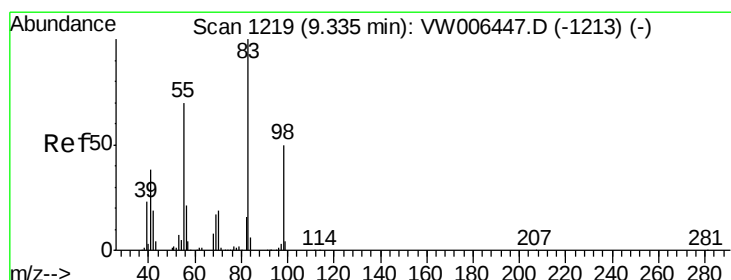
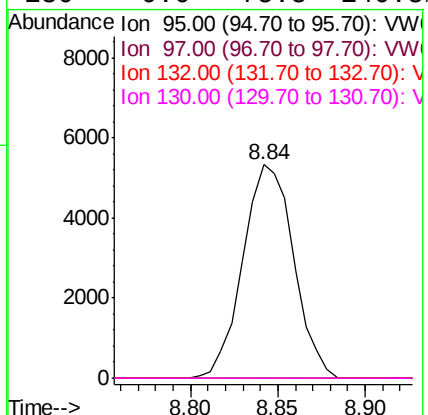
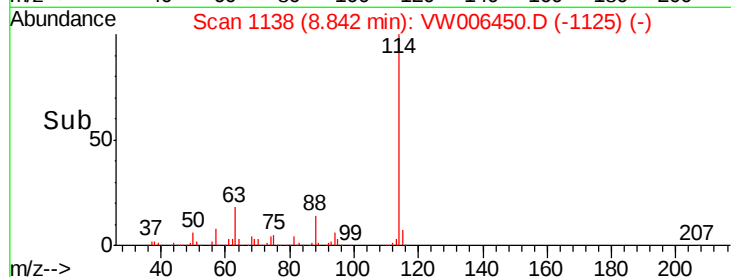
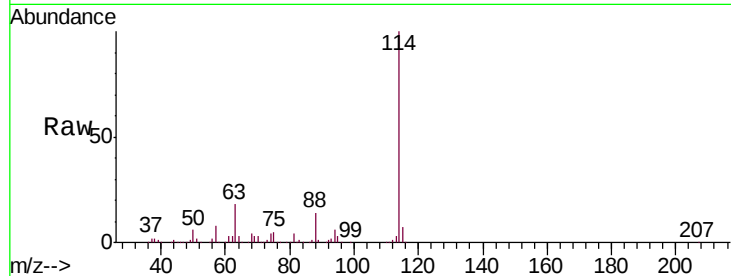
Ion Ratio Lower Upper

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: 3.250 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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Acq: 29 Oct 2018 12:57

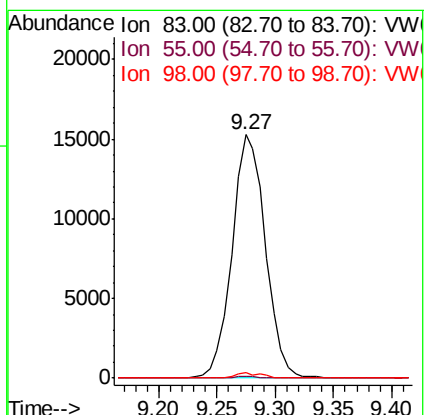
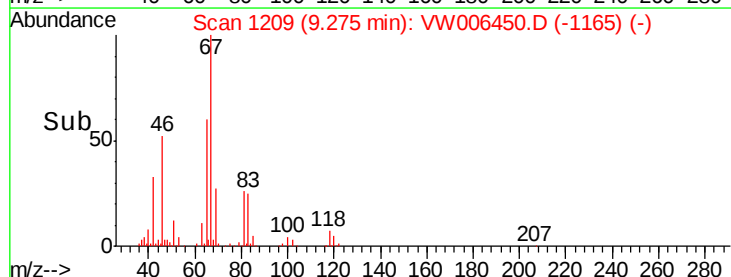
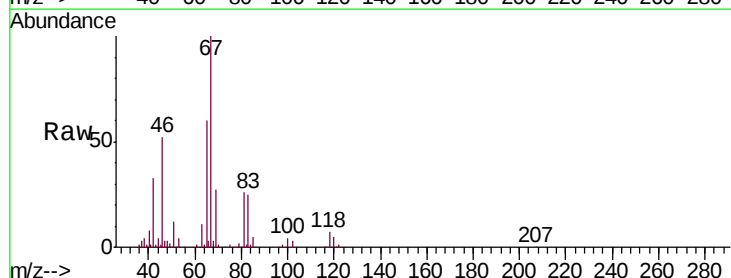
Tgt Ion: 83 Resp: 30359

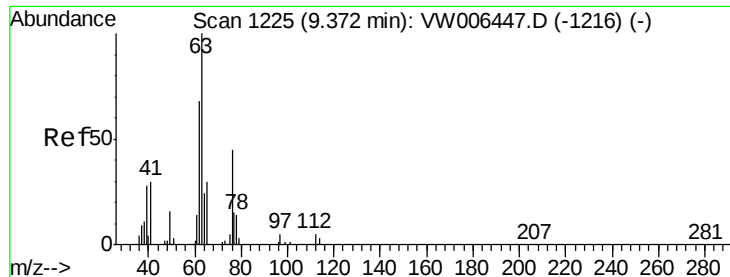
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 1.7 38.9 58.3#





#40

1,2-Dichloropropane

Concen: 3.094 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006450.D

Acq: 29 Oct 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

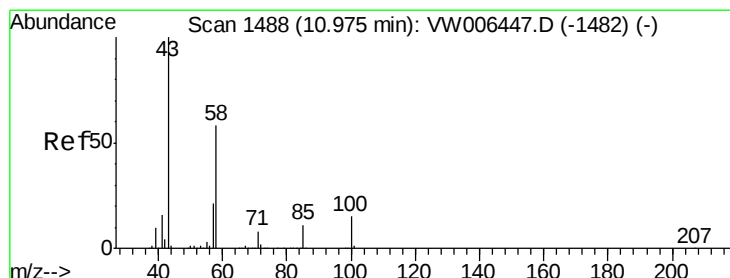
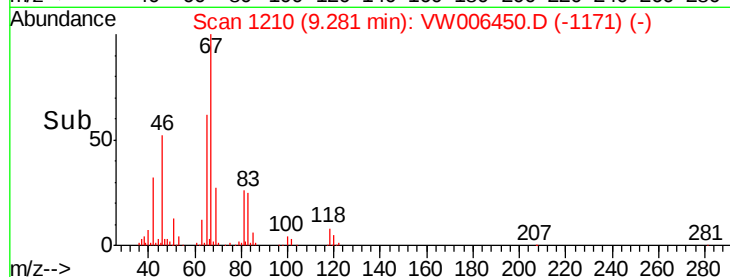
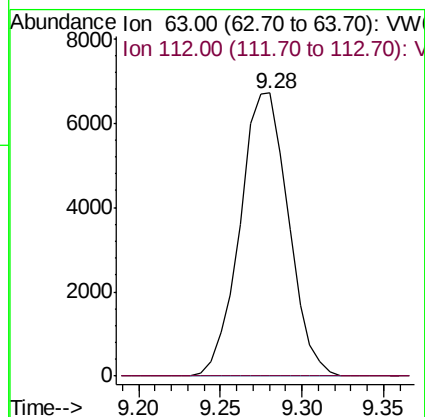
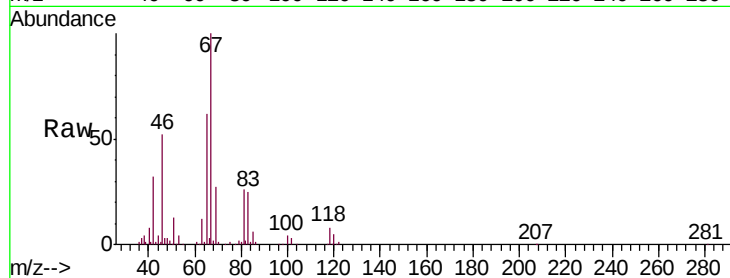
A40B3

Tgt Ion: 63 Resp: 13906

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#49

2-Hexanone

Concen: 2.191 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW006450.D

Acq: 29 Oct 2018 12:57

Tgt Ion: 43 Resp: 5817

Ion Ratio Lower Upper

43 100

58 24.6 42.1 63.1#

57 27.4 15.1 22.7#

100 0.0 9.9 14.9#

