

Data File : VW006357.D
Acq On : 25 Oct 2018 11:30
Operator : SY/AP
Sample : VW1025SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK93

Quant Time: Oct 26 04:08:36 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	8.84	114	403518	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	204451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77767	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
7) Chloroethane-d5	2.89	69	76561	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
10) 1,1-Dichloroethene-d2	4.01	63	122704	14.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.16%
20) 2-Butanone-d5	7.09	46	57850	38.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.70%
24) Chloroform-d	7.65	84	188573	21.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	8.31	65	107564	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.96%
29) Benzene-d6	8.27	84	371945	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	109704	21.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.12%
37) Toluene-d8	10.32	98	368230	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.24%
38) trans-1,3-Dichloropropene-	10.58	79	46059	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.68%
39) 2-Hexanone-d5	10.93	63	49056	38.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107338	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	162133	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds

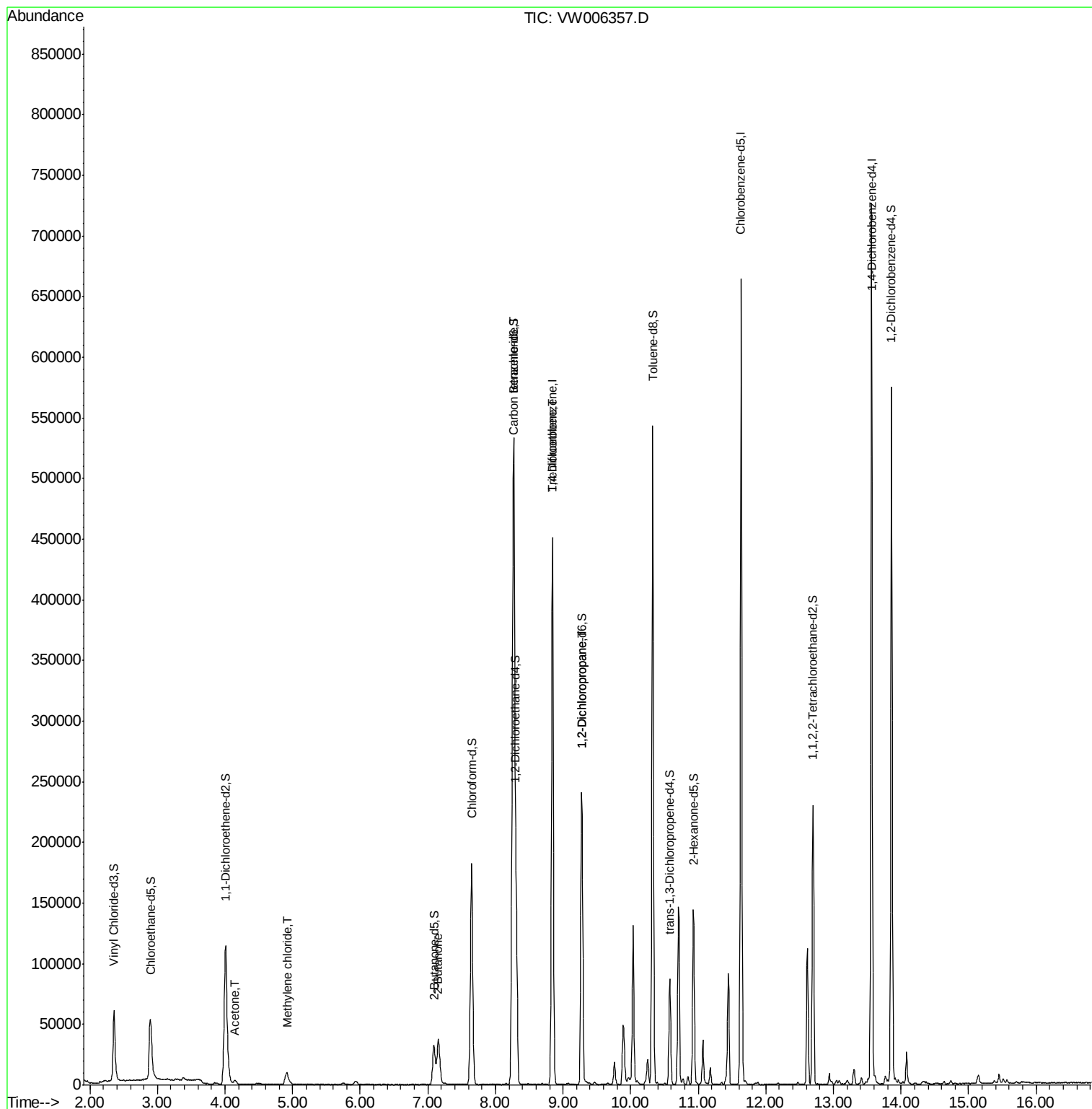
					Qvalue
13) Acetone	4.15	43	4419	2.900 ug/L	92
16) Methylene chloride	4.91	84	8501	1.632 ug/L	96
21) 2-Butanone	7.16	43	2526	1.247 ug/L #	59
32) Carbon tetrachloride	8.26	117	4047	0.518 ug/L #	26
35) Trichloroethene	8.84	95	11811	2.148 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12847	2.650 ug/L #	87

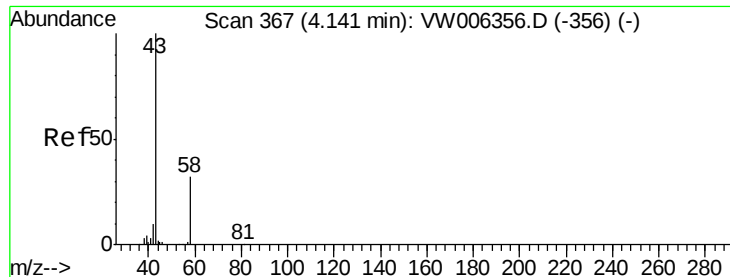
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.900 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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ClientSampleId :

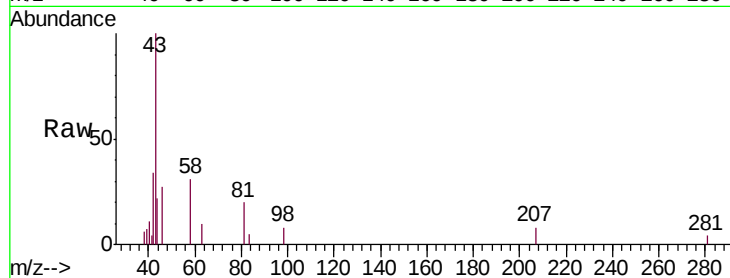
VBLK93

Tgt Ion: 43 Resp: 4419

Ion Ratio Lower Upper

43 100

58 26.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1500

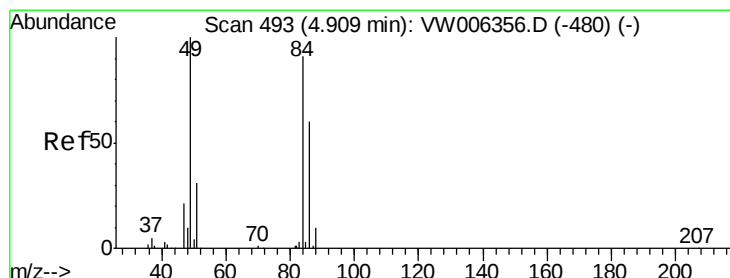
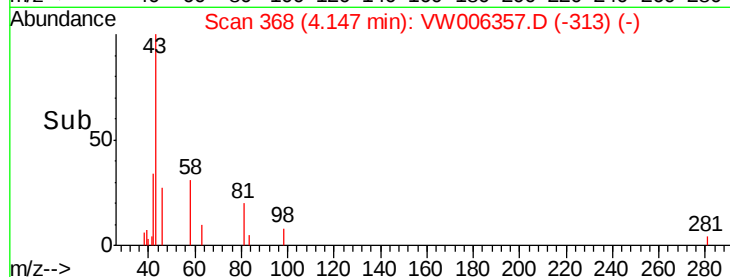
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.632 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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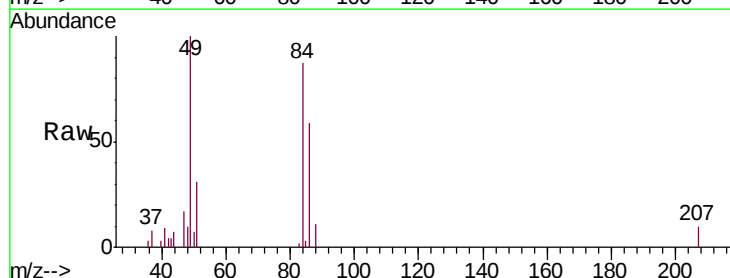
Tgt Ion: 84 Resp: 8501

Ion Ratio Lower Upper

84 100

49 114.7 83.5 155.1

86 67.6 44.9 83.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.91

3000

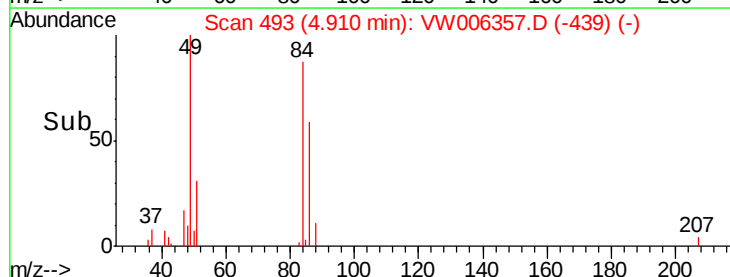
2000

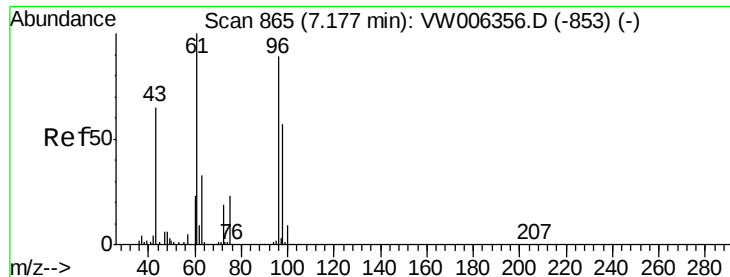
1000

0

4.80 4.90 5.00

Time-->





#21

2-Butanone

Concen: 1.247 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

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ClientSampleId :

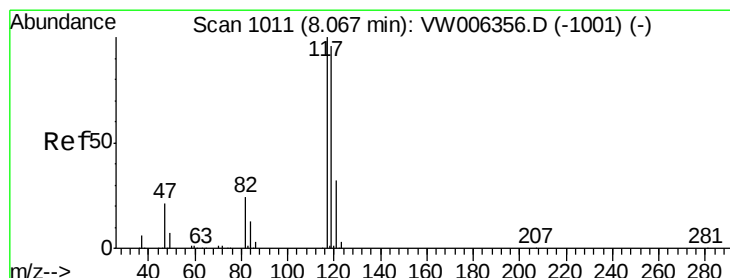
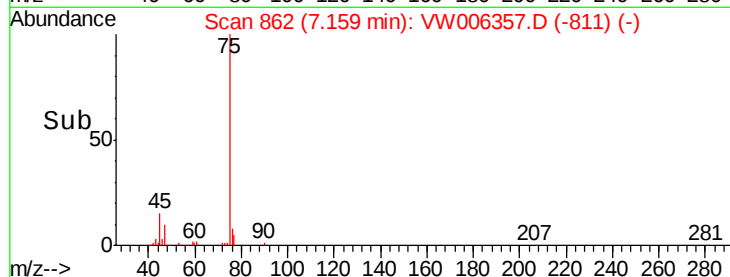
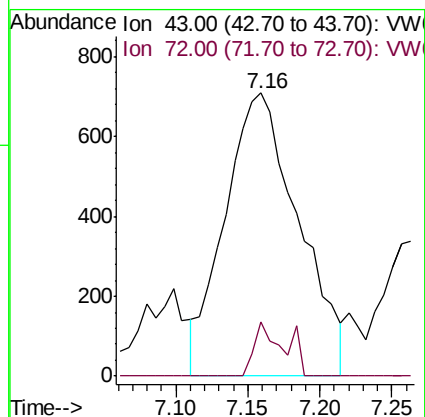
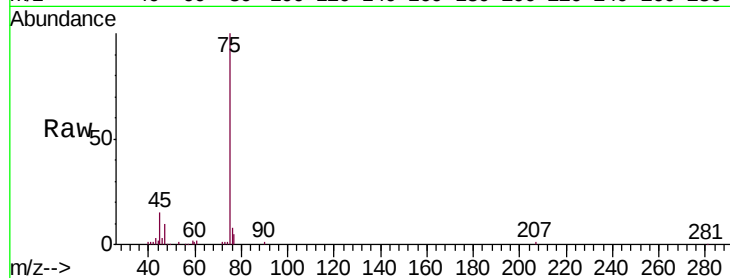
VBLK93

Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

72 5.9 13.8 41.4#



#32

Carbon tetrachloride

Concen: 0.518 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.19 min

Lab File: VW006357.D

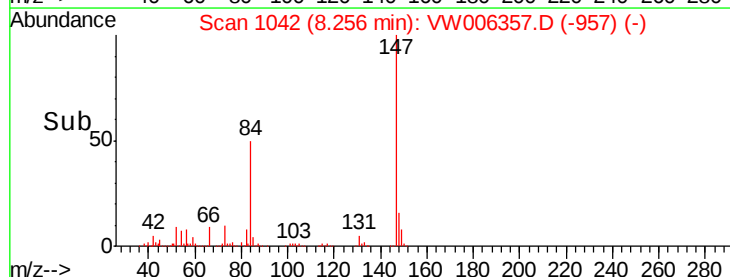
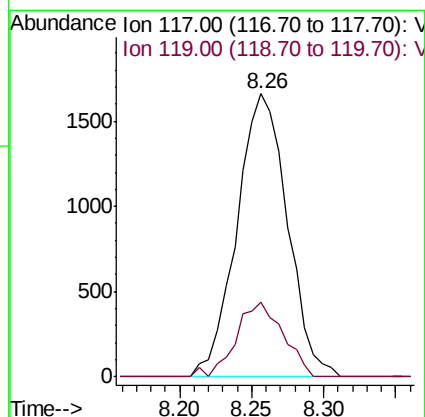
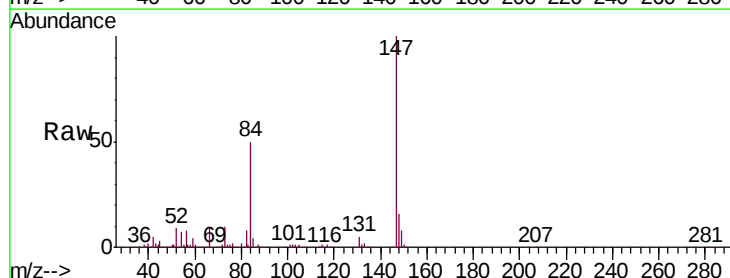
Acq: 25 Oct 2018 11:30

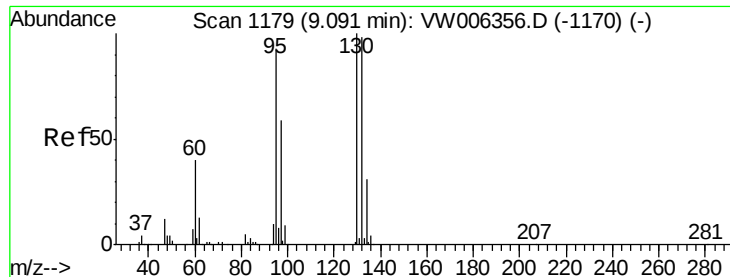
Tgt Ion: 117 Resp: 4047

Ion Ratio Lower Upper

117 100

119 23.9 76.9 115.3#





#35

Trichloroethene

Concen: 2.148 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006357.D

Acq: 25 Oct 2018 11:30

Instrument :

MSVOA_W

ClientSampleId :

VBLK93

Tgt Ion: 95 Resp: 11811

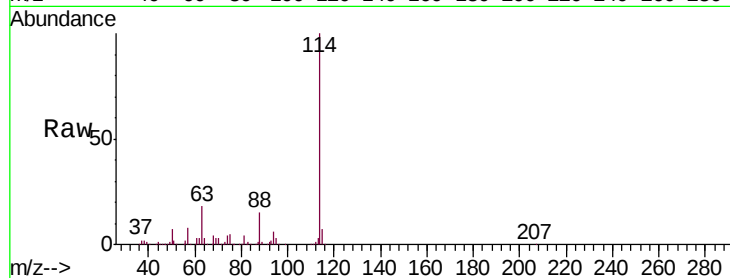
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

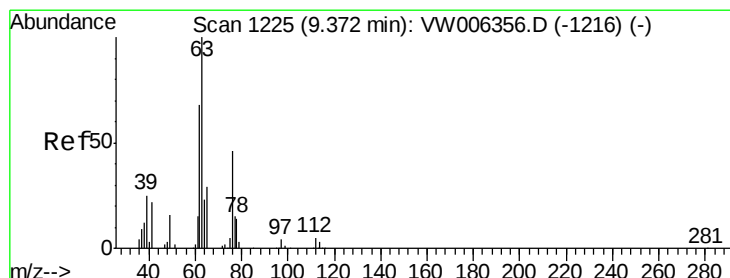
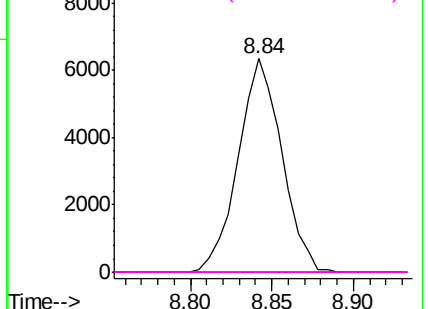
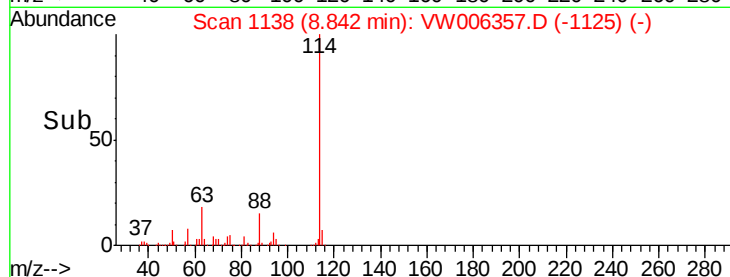


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.650 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006357.D

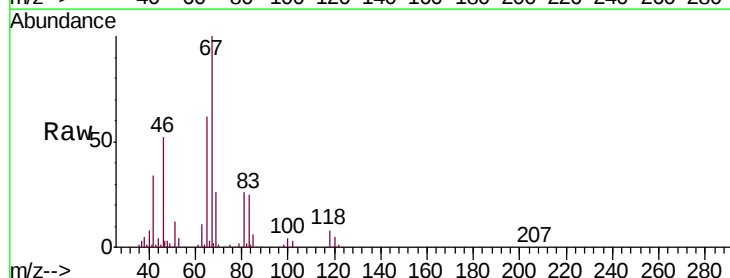
Acq: 25 Oct 2018 11:30

Tgt Ion: 63 Resp: 12847

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

