

Data File : VW007441.D
Acq On : 12 Dec 2018 14:34
Operator : SY/AP
Sample : J6238-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 13 00:43:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102112	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49357	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19430	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.56%
7) Chloroethane-d5	2.89	69	14420	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
10) 1,1-Dichloroethene-d2	4.01	63	50253	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.16%
20) 2-Butanone-d5	7.07	46	25261	56.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.00%
24) Chloroform-d	7.65	84	67737	26.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	8.31	65	42041	28.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.04%
29) Benzene-d6	8.27	84	132873	23.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.84%
33) 1,2-Dichloropropane-d6	9.27	67	37558	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	129725	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloropropene-	10.58	79	19930	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.93	63	20856	54.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40352	27.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	50098	28.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.40%

Target Compounds

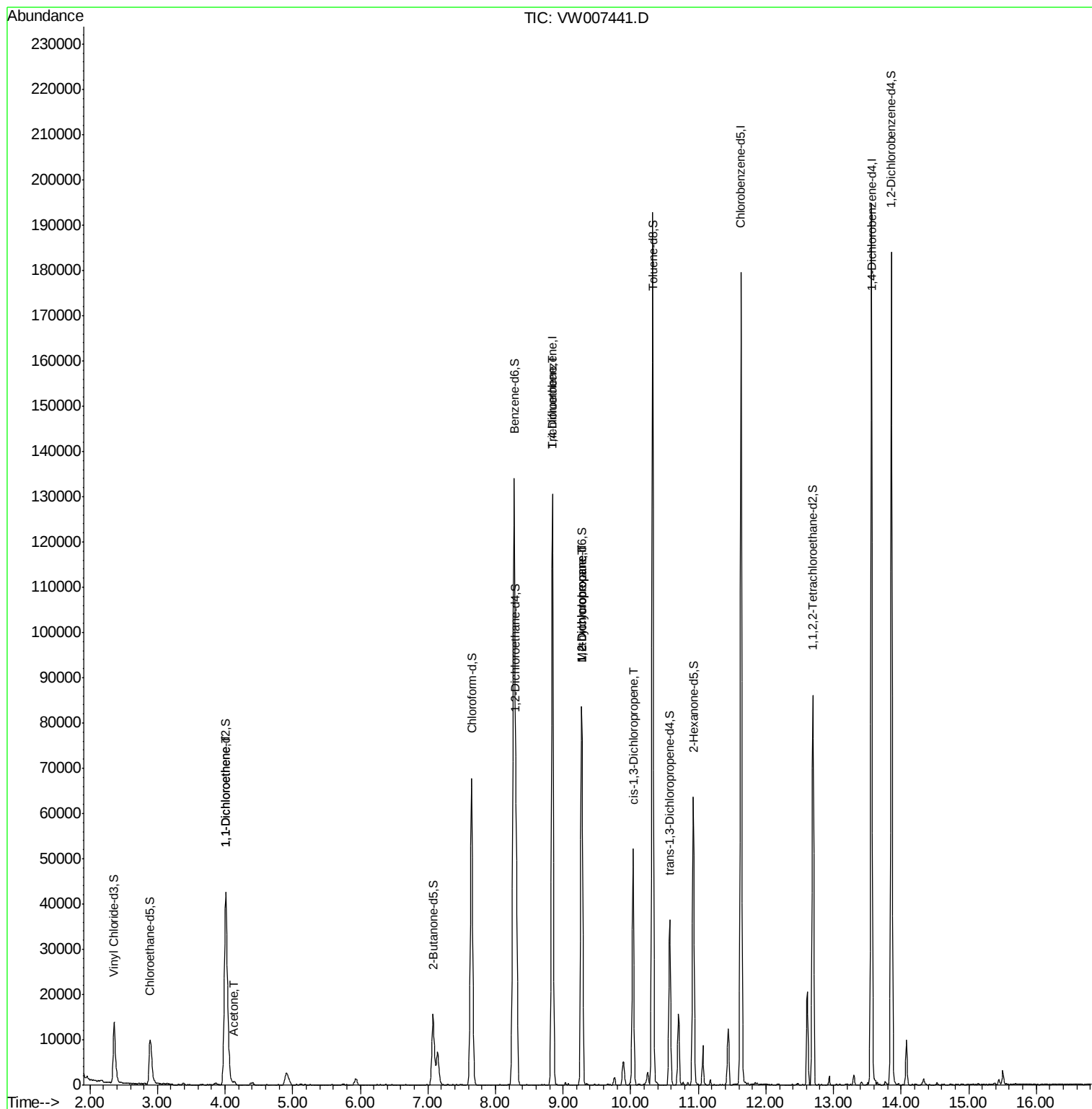
					Qvalue
12) 1,1-Dichloroethene	4.02	96	378	0.296 ug/L #	1
13) Acetone	4.13	43	781	1.502 ug/L	63
35) Trichloroethene	8.84	95	3552	2.116 ug/L #	4
36) Methylcyclohexane	9.27	83	9832	3.393 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4596	3.210 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1530	0.636 ug/L	96

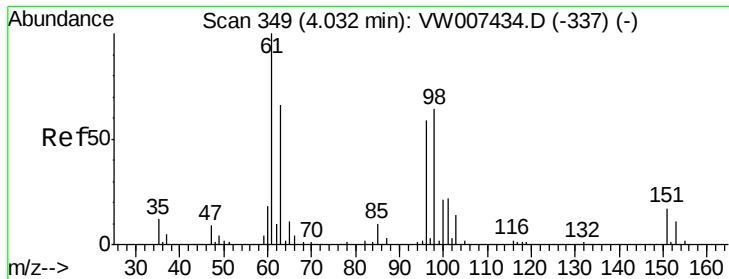
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.296 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

VHBLK01

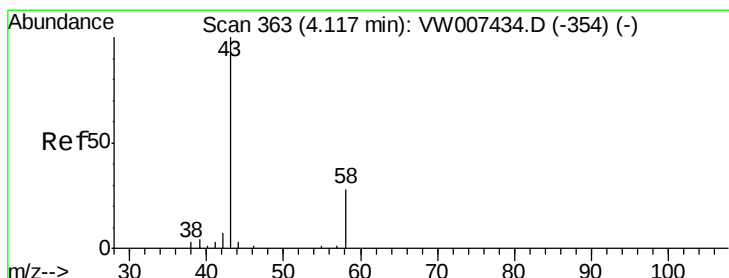
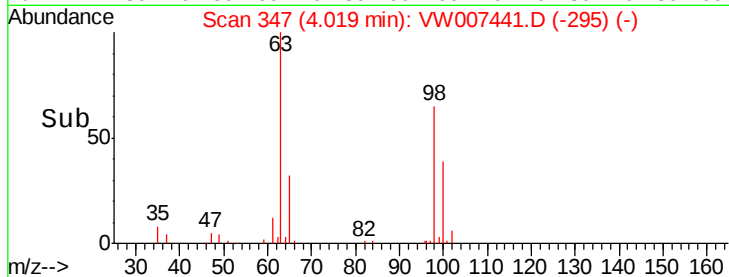
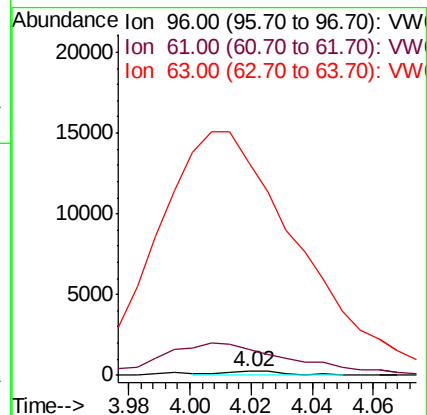
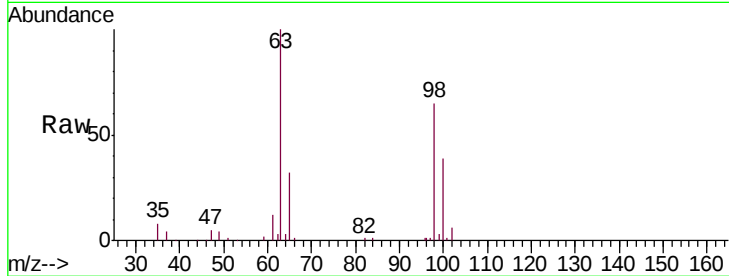
Tgt Ion: 96 Resp: 378

Ion Ratio Lower Upper

96 100

61 652.4 117.2 217.8#

63 5226.6 89.7 166.7#



#13

Acetone

Concen: 1.502 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007441.D

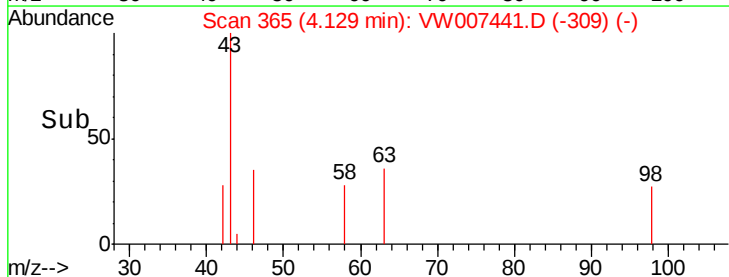
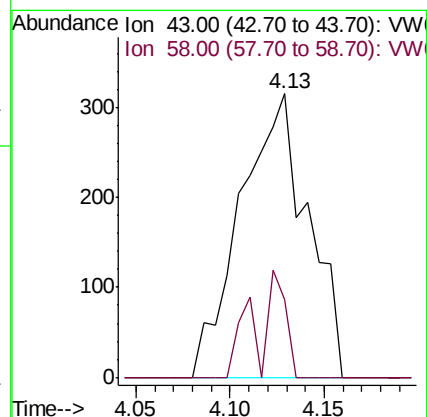
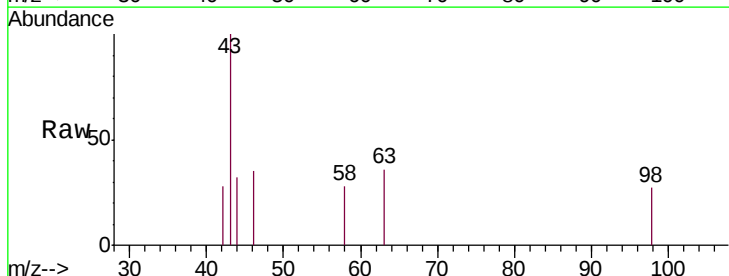
Acq: 12 Dec 2018 14:34

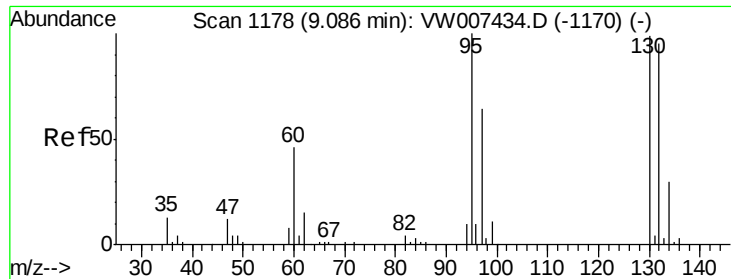
Tgt Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

58 9.6 0.0 59.2





#35

Trichloroethene

Concen: 2.116 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3552

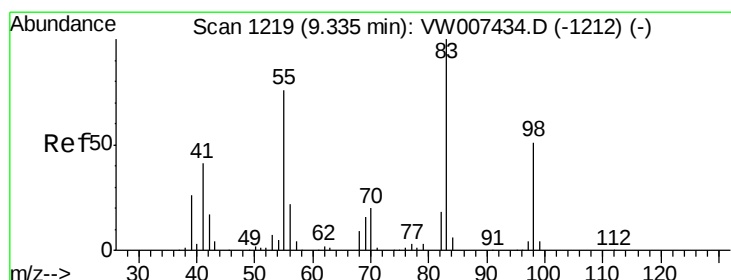
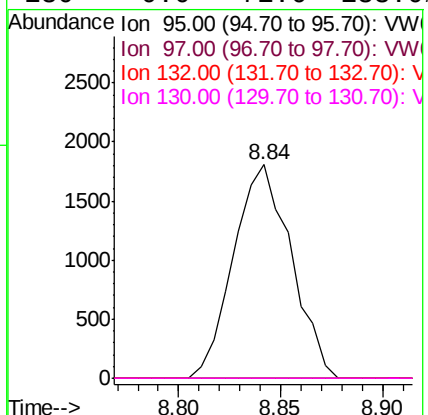
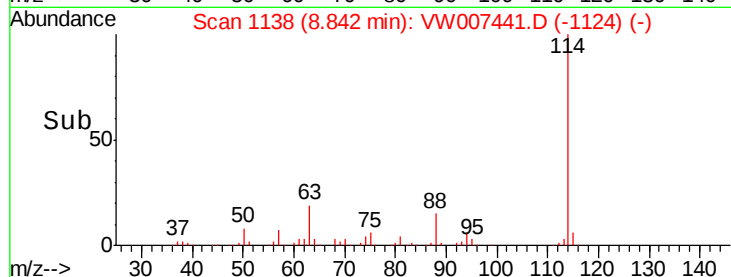
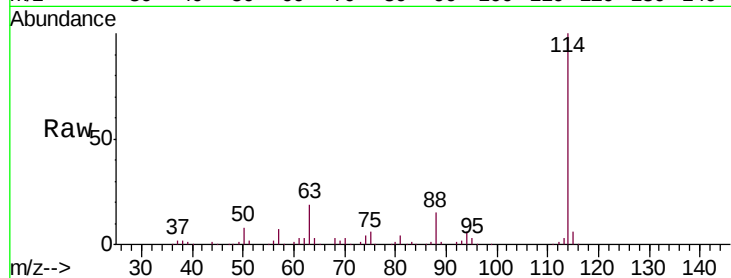
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



#36

Methylcyclohexane

Concen: 3.393 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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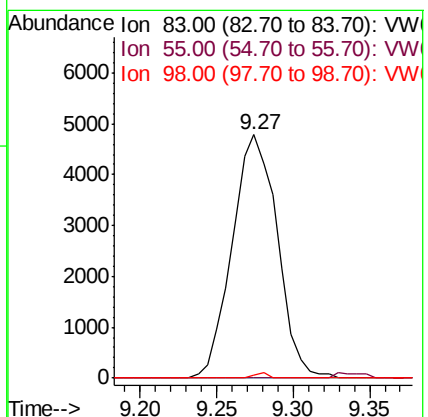
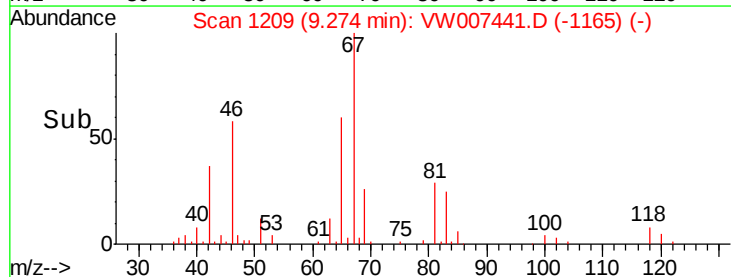
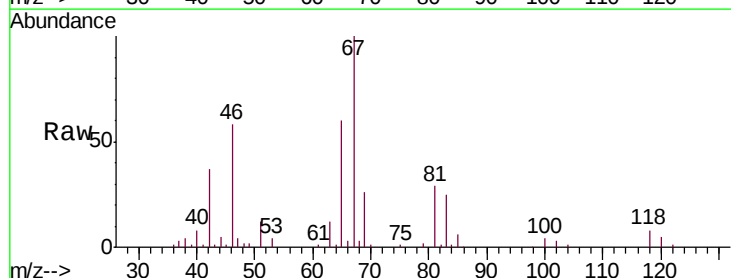
Tgt Ion: 83 Resp: 9832

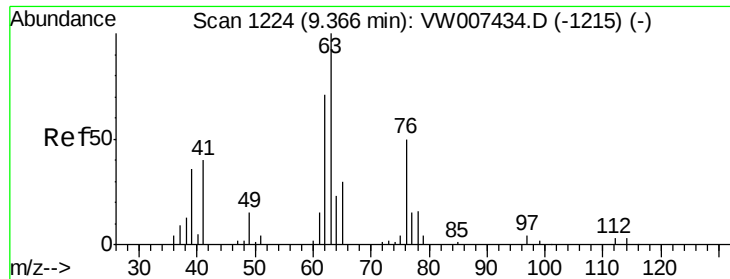
Ion Ratio Lower Upper

83 100

55 0.7 59.4 89.2#

98 0.6 38.1 57.1#

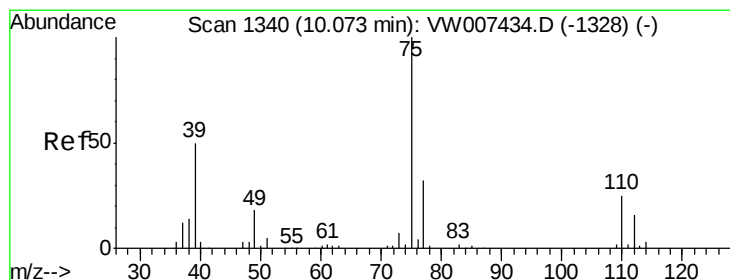
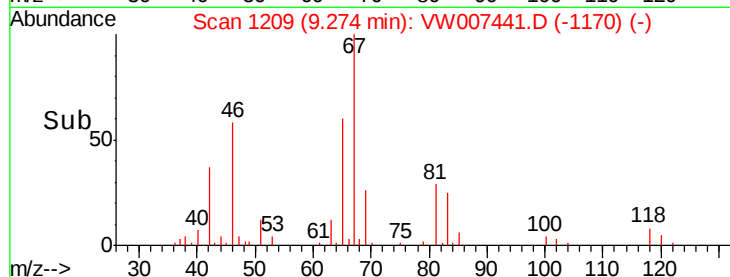
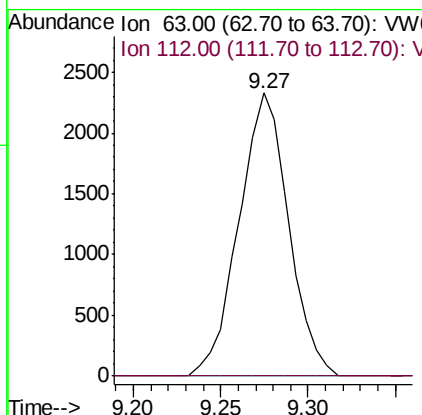
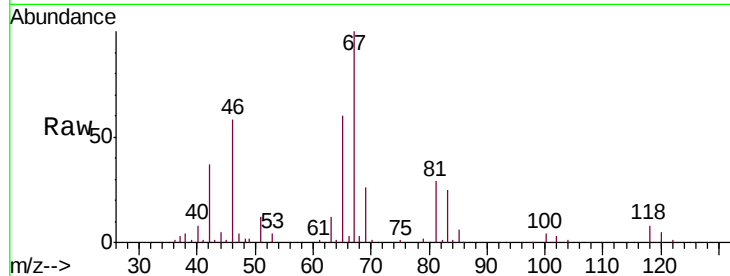




#40
 1,2-Dichloropropane
 Concen: 3.210 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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 VHBLK01

Tgt Ion: 63 Resp: 4596
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.636 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007441.D
 Acq: 12 Dec 2018 14:34

Tgt Ion: 75 Resp: 1530
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.0 42.6

