

Data File : VW007440.D
Acq On : 12 Dec 2018 14:08
Operator : SY/AP
Sample : J6271-20
Misc : 6.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E35

Quant Time: Dec 13 00:43:51 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	119759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	108652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19517	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.08%
7) Chloroethane-d5	2.90	69	14796	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
10) 1,1-Dichloroethene-d2	4.01	63	51398	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	7.08	46	16494	33.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.10%
24) Chloroform-d	7.65	84	71939	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	8.31	65	41218	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.27	84	139577	23.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.60%
33) 1,2-Dichloropropane-d6	9.27	67	39197	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.32	98	134629	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	10.58	79	18653	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	14260	35.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32208	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	46197	25.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.64%

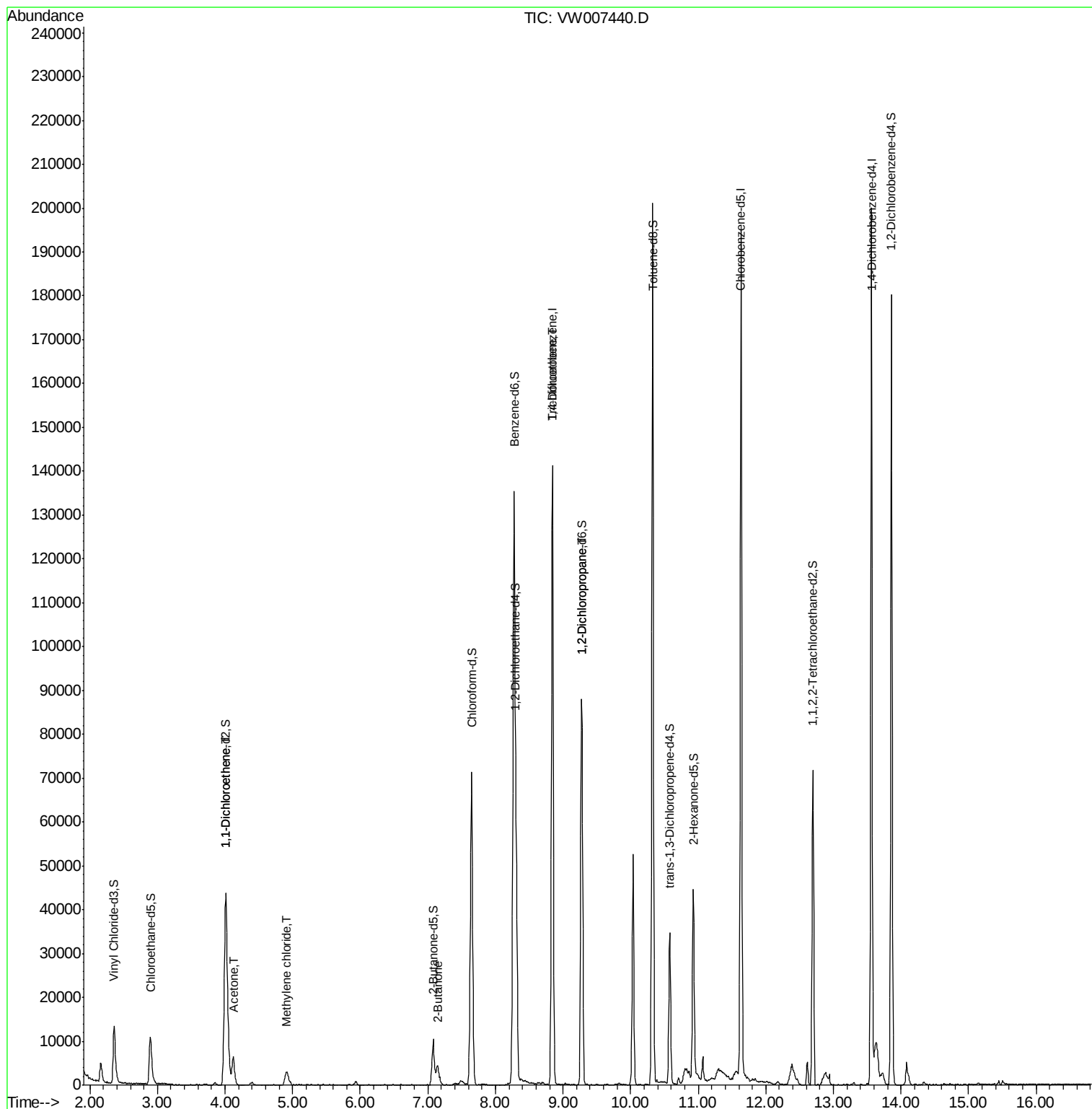
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.02	96	436	0.310 ug/L #	1
13) Acetone	4.12	43	10474	18.319 ug/L	98
16) Methylene chloride	4.92	84	3208	1.658 ug/L	89
21) 2-Butanone	7.15	43	283	0.461 ug/L	93
35) Trichloroethene	8.84	95	3777	2.115 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4891	3.211 ug/L #	86

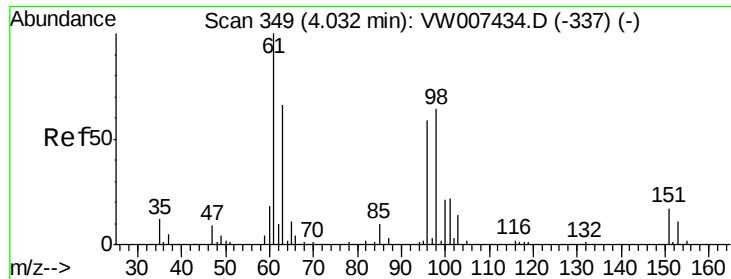
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.310 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.01 min

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Acq: 12 Dec 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

F9E35

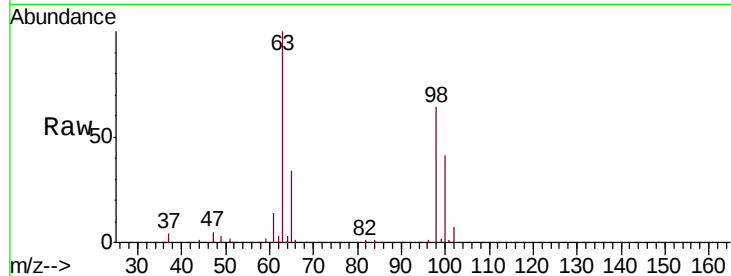
Tgt Ion: 96 Resp: 436

Ion Ratio Lower Upper

96 100

61 942.8 117.2 217.8#

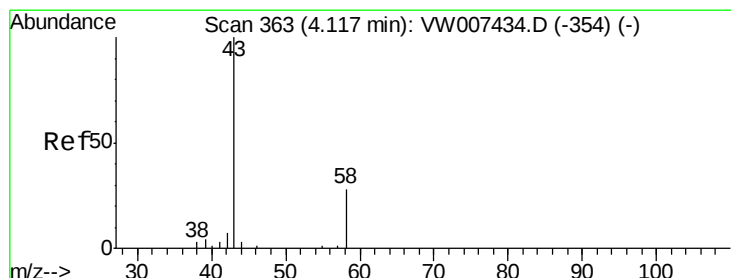
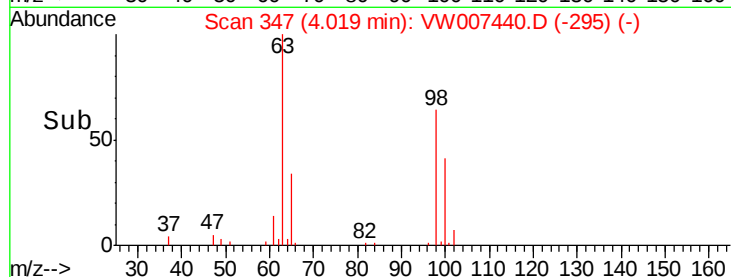
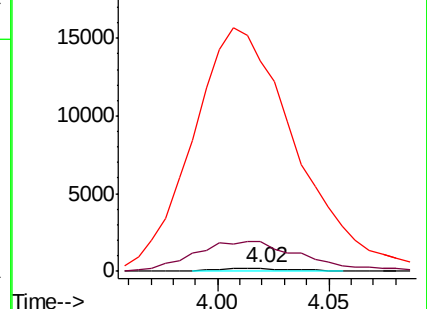
63 6748.3 89.7 166.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 18.319 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007440.D

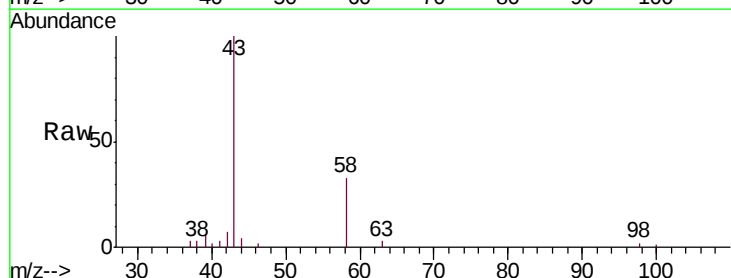
Acq: 12 Dec 2018 14:08

Tgt Ion: 43 Resp: 10474

Ion Ratio Lower Upper

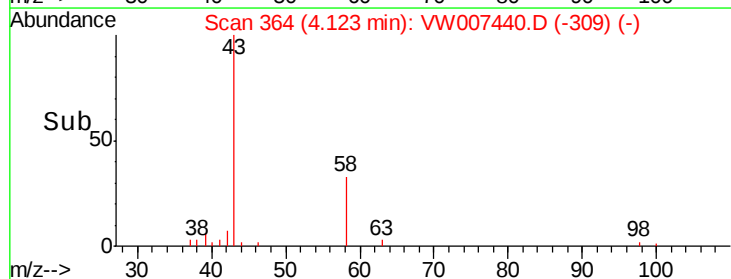
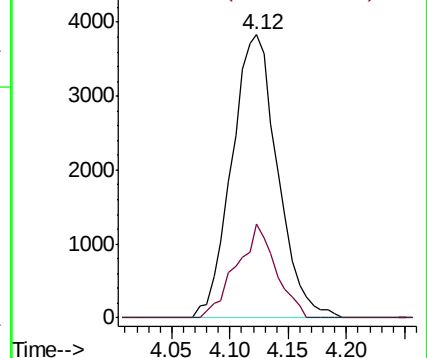
43 100

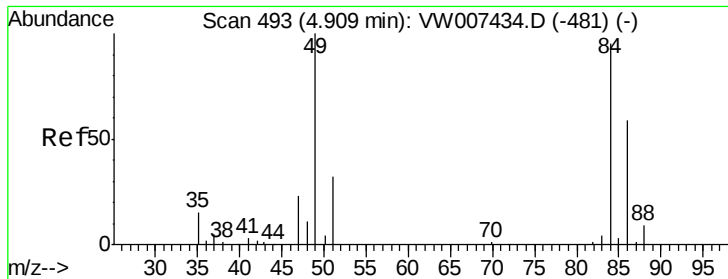
58 28.5 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

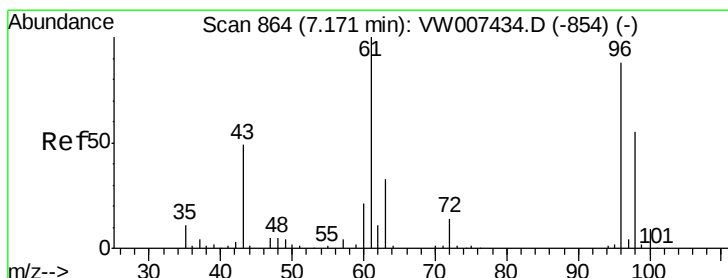
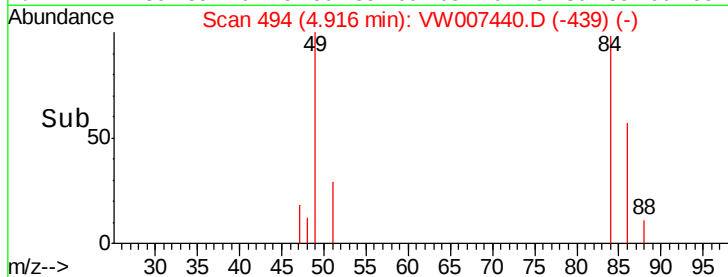
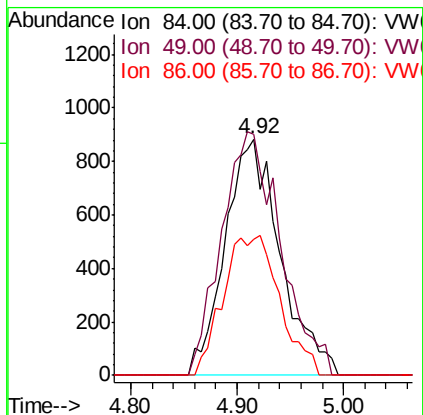
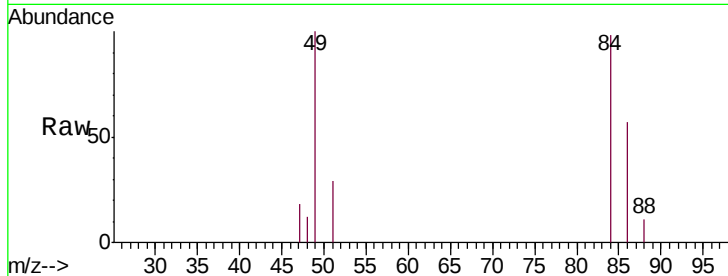




#16
Methylene chloride
Concen: 1.658 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007440.D
Acq: 12 Dec 2018 14:08

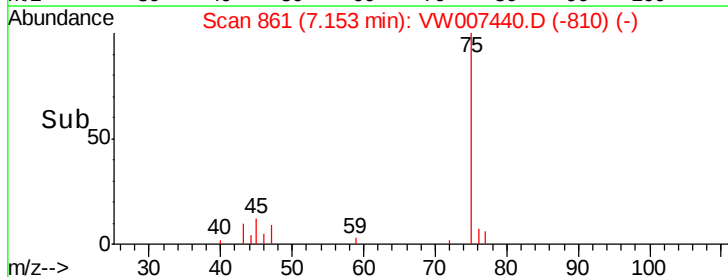
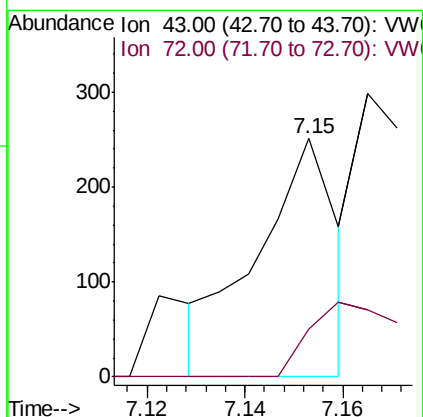
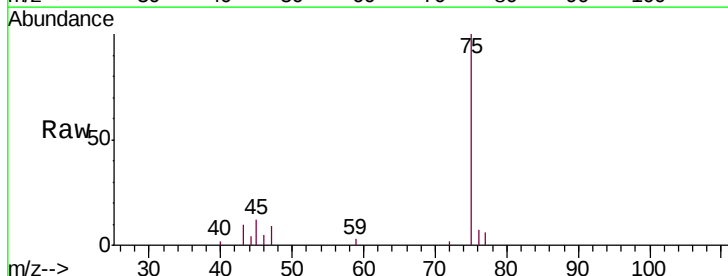
Instrument :
MSVOA_W
ClientSampled :
F9E35

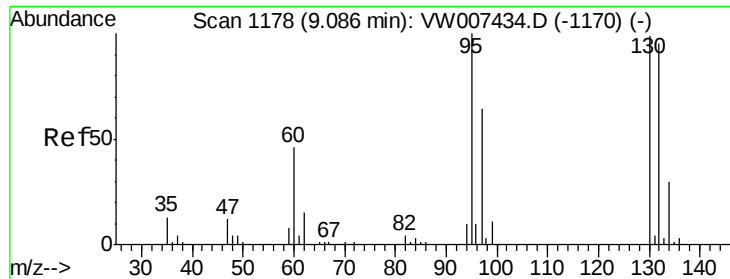
Tgt Ion: 84 Resp: 3208
Ion Ratio Lower Upper
84 100
49 102.3 80.8 150.2
86 57.8 45.8 85.2



#21
2-Butanone
Concen: 0.461 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW007440.D
Acq: 12 Dec 2018 14:08

Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
72 33.2 14.7 44.1





#35

Trichloroethene

Concen: 2.115 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007440.D

Acq: 12 Dec 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

F9E35

Tgt Ion: 95 Resp: 3777

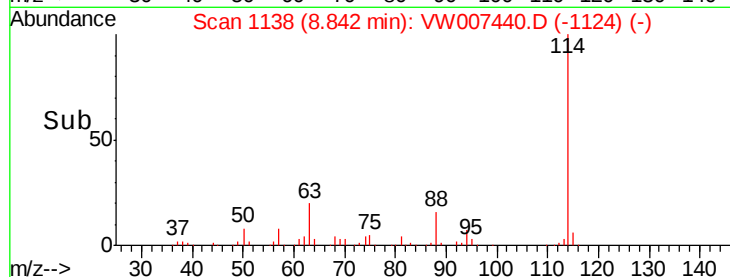
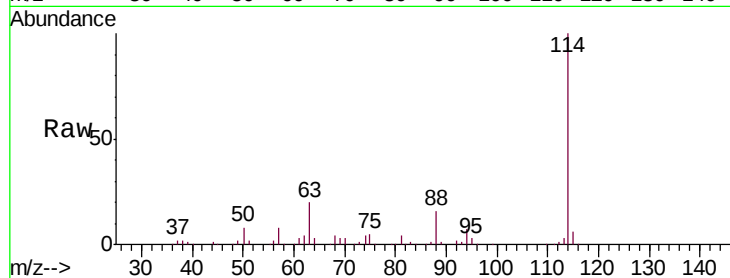
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

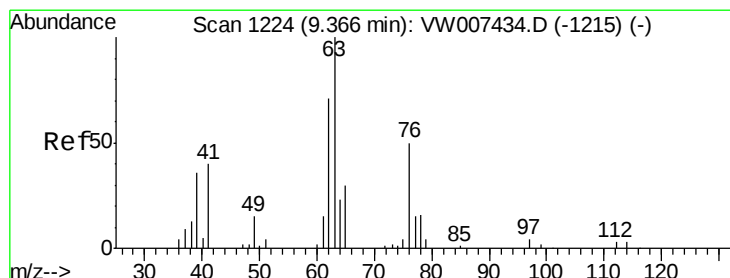
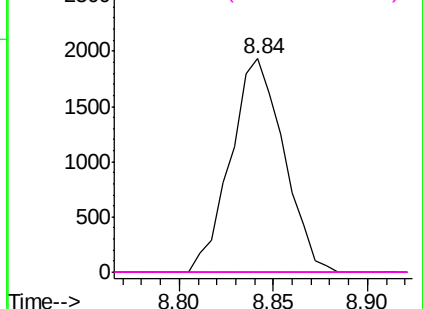


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.211 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW007440.D

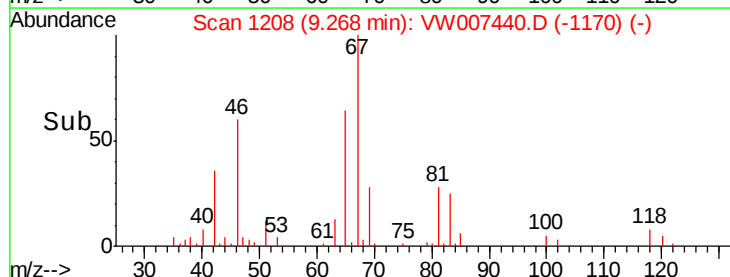
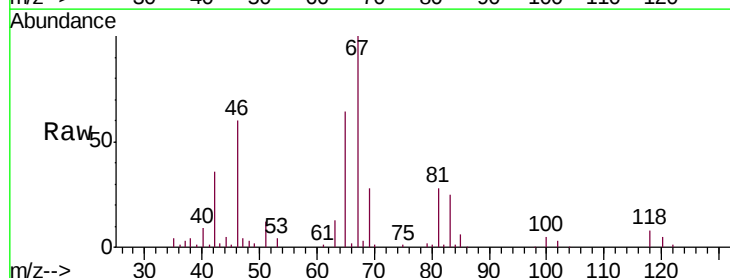
Acq: 12 Dec 2018 14:08

Tgt Ion: 63 Resp: 4891

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

