

Data File : VW006366.D
Acq On : 25 Oct 2018 16:25
Operator : SY/AP
Sample : VIBLK85
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK85

Quant Time: Oct 26 04:10:05 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	8.85	114	316383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	154744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60546	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
7) Chloroethane-d5	2.90	69	59597	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.01	63	98039	14.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.24%
20) 2-Butanone-d5	7.09	46	60628	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
24) Chloroform-d	7.65	84	144331	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	8.31	65	85789	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	8.28	84	289835	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.28	67	85490	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.36%
37) Toluene-d8	10.33	98	285303	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	10.59	79	34277	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.44%
39) 2-Hexanone-d5	10.93	63	48594	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	94004	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	124913	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds

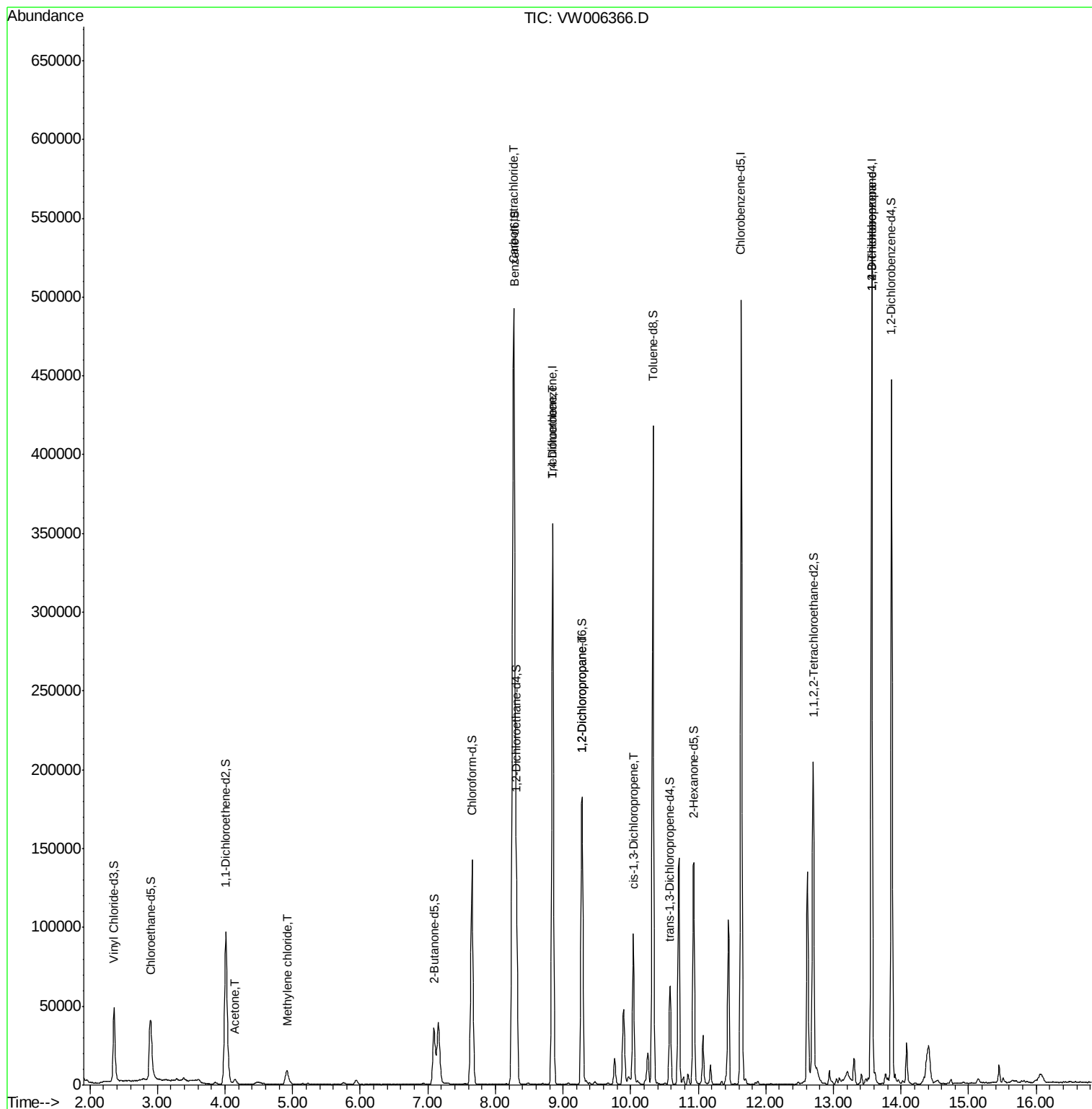
					Qvalue
13) Acetone	4.14	43	4797	4.015 ug/L	93
16) Methylene chloride	4.92	84	7264	1.778 ug/L	98
32) Carbon tetrachloride	8.26	117	4448	0.741 ug/L #	29
35) Trichloroethene	8.85	95	9340	2.212 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	9922	2.665 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2737	0.450 ug/L	87
59) 1,2,3-Trichloropropene	13.57	75	15724	5.231 ug/L	89

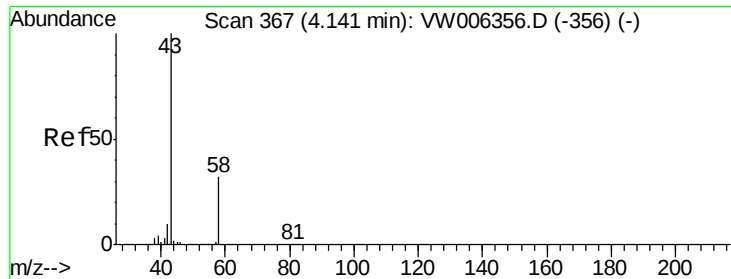
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.015 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

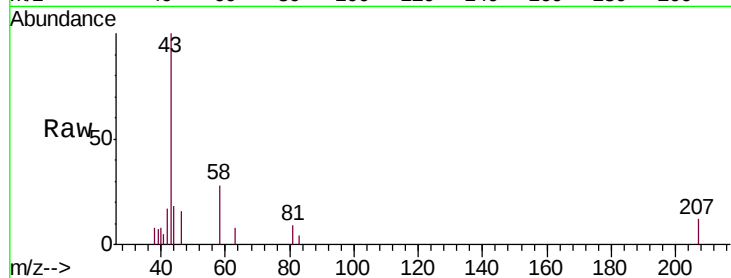
VIBLK85

Tgt Ion: 43 Resp: 4797

Ion Ratio Lower Upper

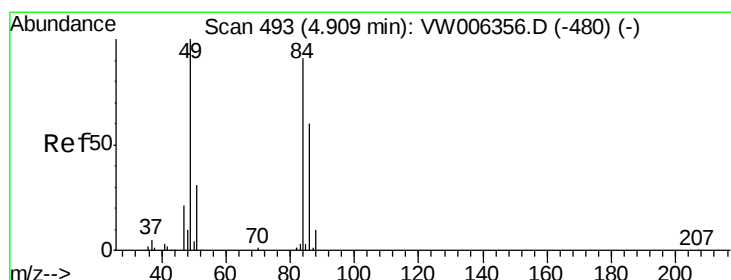
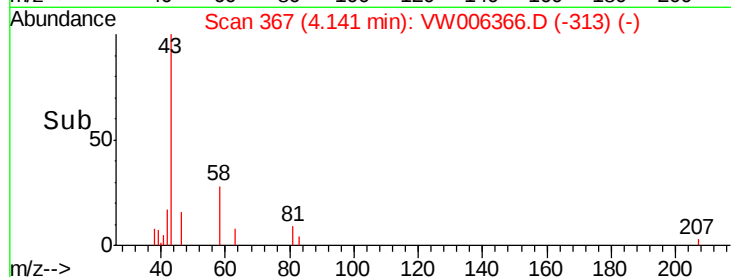
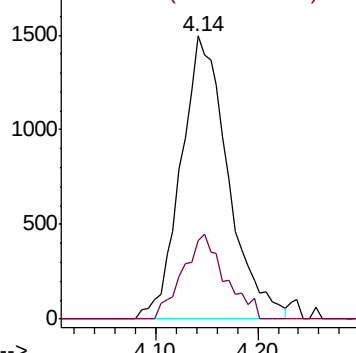
43 100

58 27.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.778 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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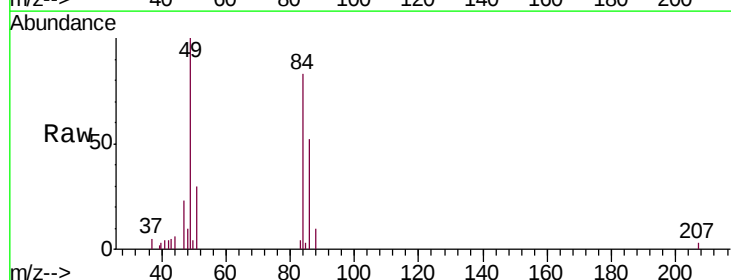
Tgt Ion: 84 Resp: 7264

Ion Ratio Lower Upper

84 100

49 120.7 83.5 155.1

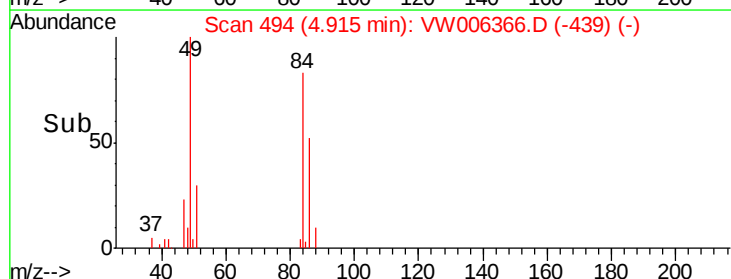
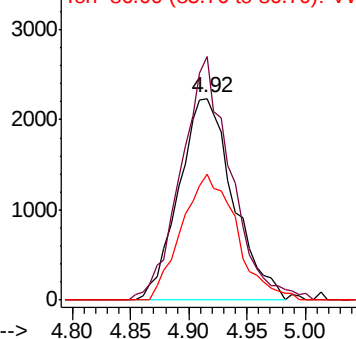
86 62.6 44.9 83.5

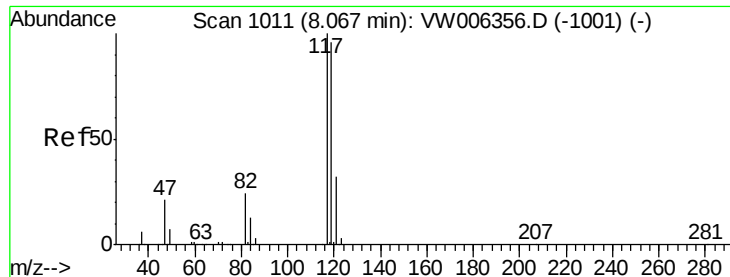


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#32

Carbon tetrachloride

Concen: 0.741 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.20 min

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Instrument :

MSVOA_W

ClientSampleId :

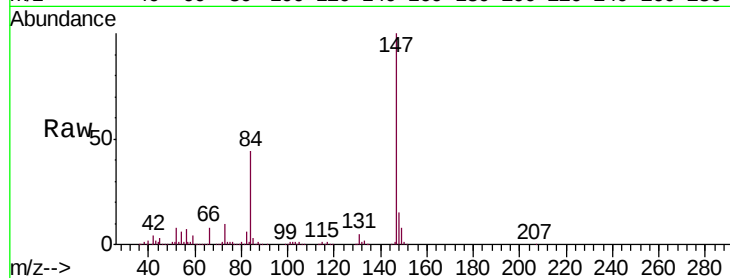
VIBLK85

Tgt Ion: 117 Resp: 4448

Ion Ratio Lower Upper

117 100

119 26.3 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.26

1500

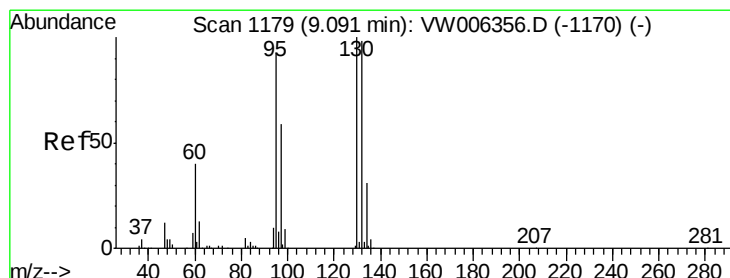
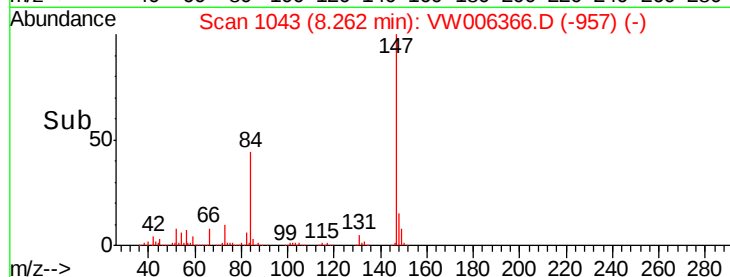
1000

500

0

8.20 8.25 8.30

Time-->



#35

Trichloroethene

Concen: 2.212 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006366.D

Acq: 25 Oct 2018 16:25

Tgt Ion: 95 Resp: 9340

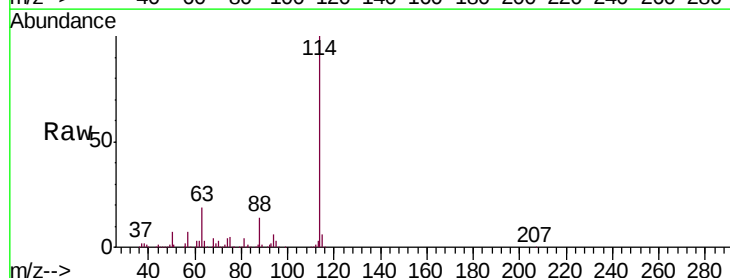
Ion Ratio Lower Upper

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): VW

Ion 130.00 (129.70 to 130.70): VW

8.85

6000

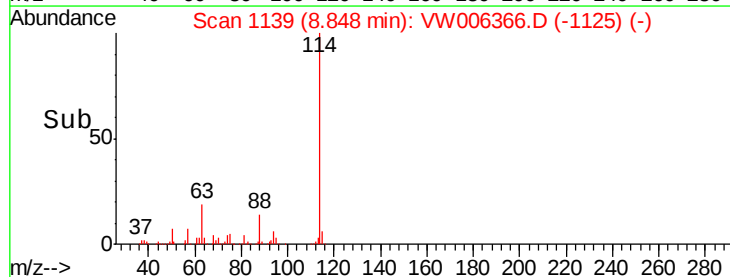
4000

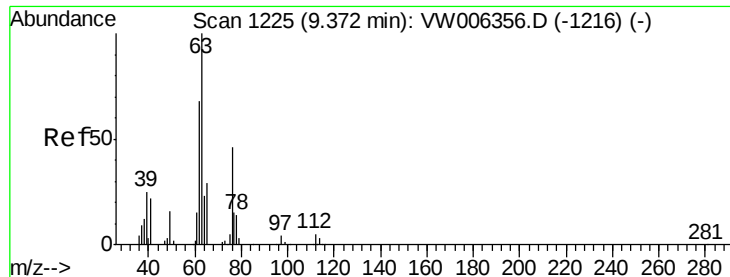
2000

0

8.80 8.85 8.90

Time-->





#40

1,2-Dichloropropane

Concen: 2.665 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006366.D

Acq: 25 Oct 2018 16:25

Instrument :

MSVOA_W

ClientSampled :

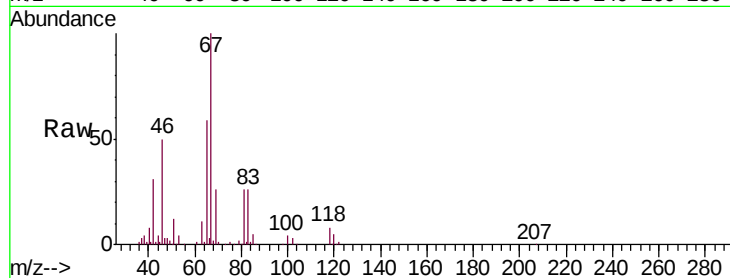
VIBLK85

Tgt Ion: 63 Resp: 9922

Ion Ratio Lower Upper

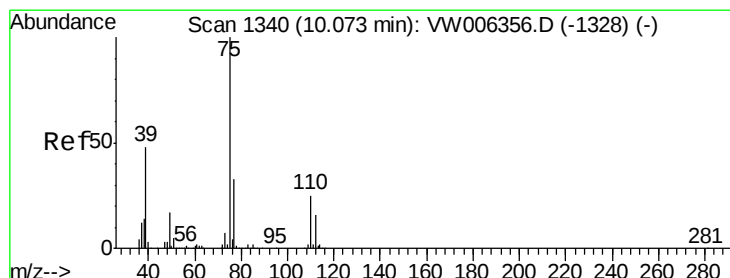
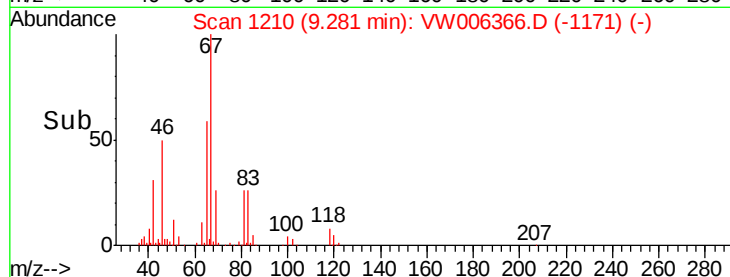
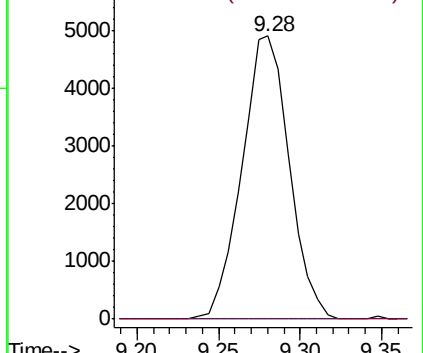
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.450 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW006366.D

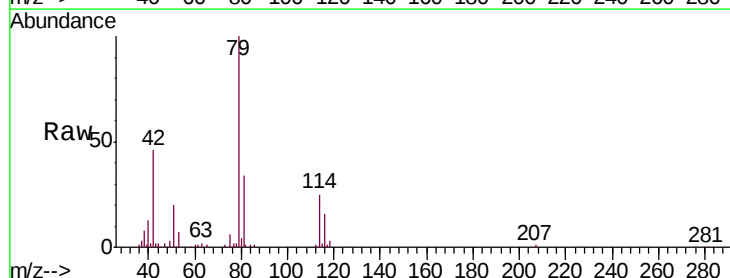
Acq: 25 Oct 2018 16:25

Tgt Ion: 75 Resp: 2737

Ion Ratio Lower Upper

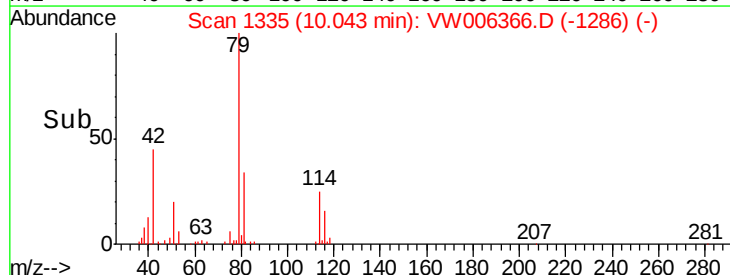
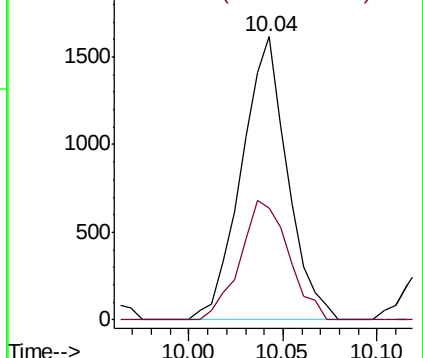
75 100

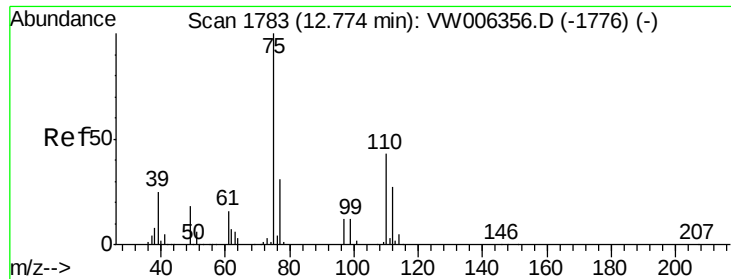
77 39.7 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.231 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006366.D

Acq: 25 Oct 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

VIBLK85

Tgt Ion: 75 Resp: 15724

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9

