

Data File : VW014061.D
Acq On : 18 Nov 2019 14:54
Operator : SY/VA
Sample : K5810-07
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLQ9

Quant Time: Nov 19 07:25:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340590	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	163880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102168	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.89	69	92707	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
10) 1,1-Dichloroethene-d2	4.01	63	164703	14.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	7.07	46	82342	52.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.32%
24) Chloroform-d	7.65	84	248212	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	8.31	65	136290	25.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.56%
29) Benzene-d6	8.27	84	529554	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	9.27	67	165287	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.32	98	478941	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.96%
38) trans-1,3-Dichloropropene-	10.57	79	64444	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	10.92	63	61437	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123707	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	162541	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

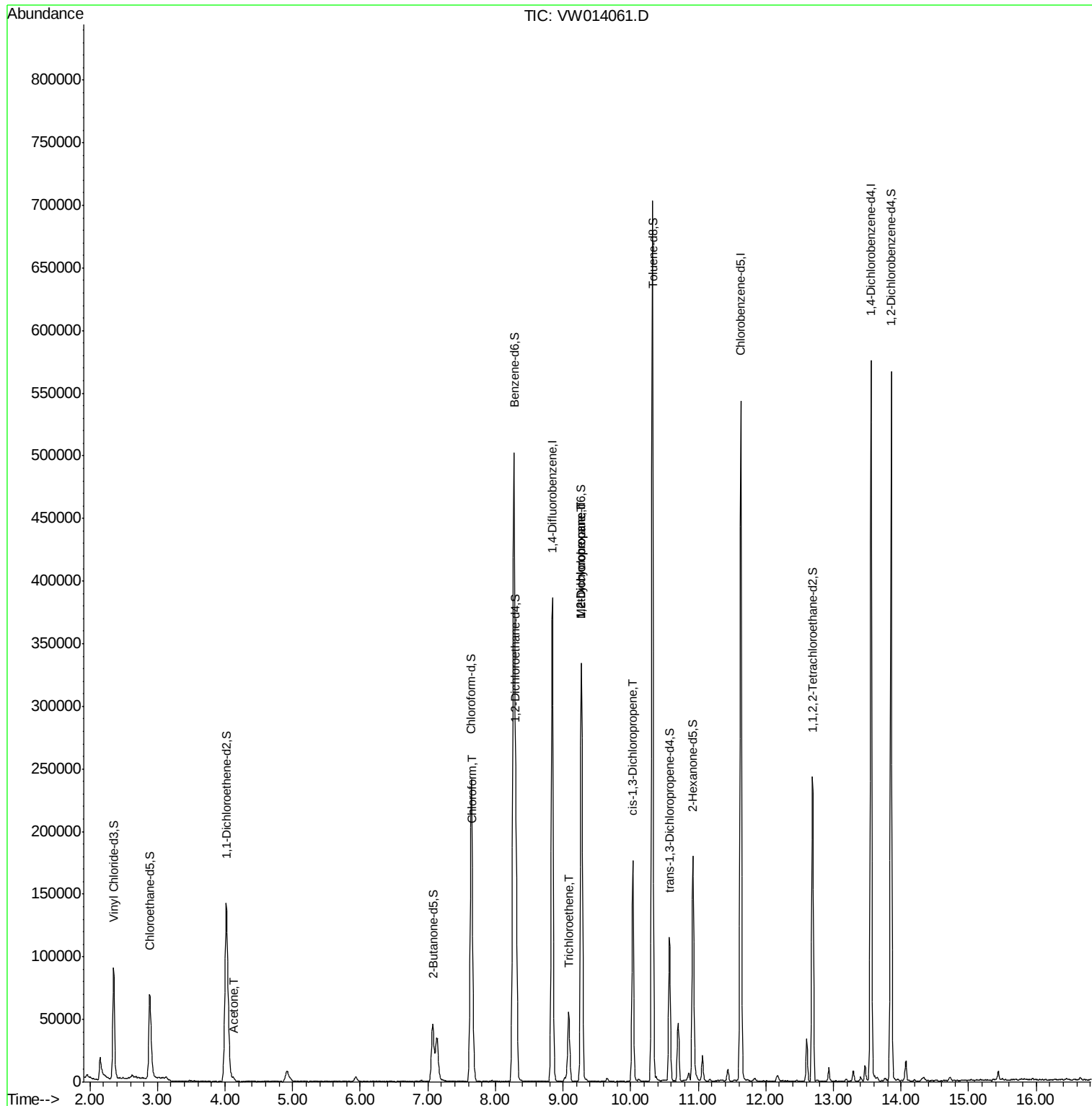
					Qvalue
13) Acetone	4.13	43	4302	2.678 ug/L	95
25) Chloroform	7.66	83	11663	1.176 ug/L	86
35) Trichloroethene	9.09	95	13519	2.159 ug/L	97
36) Methylcyclohexane	9.27	83	40873	3.641 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	17211	3.046 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3874	0.434 ug/L #	70

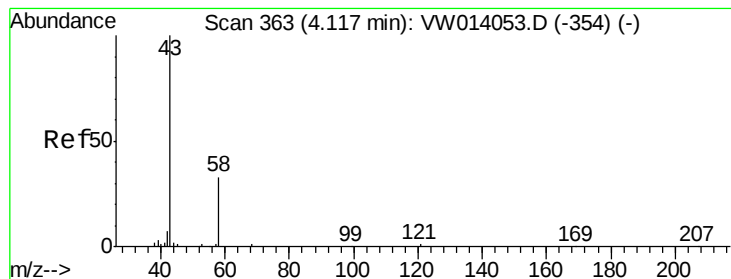
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.678 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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ClientSampleId :

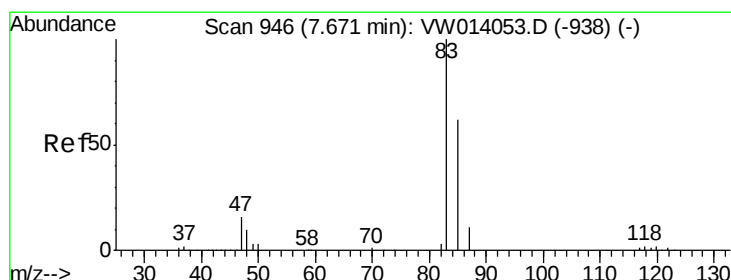
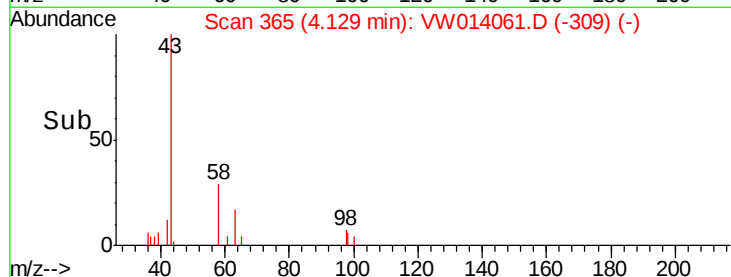
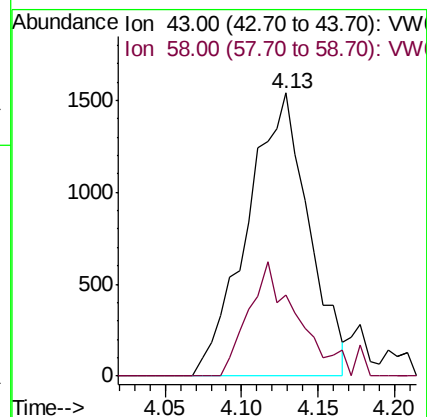
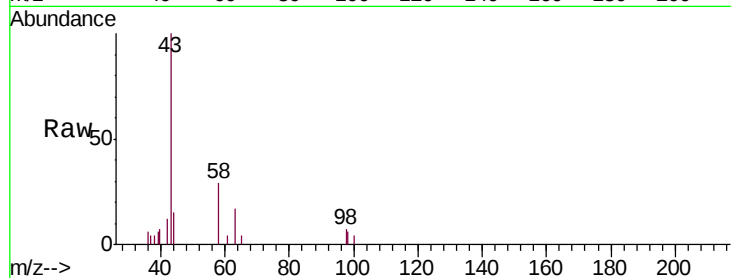
BFLQ9

Tgt Ion: 43 Resp: 4302

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.4



#25

Chloroform

Concen: 1.176 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

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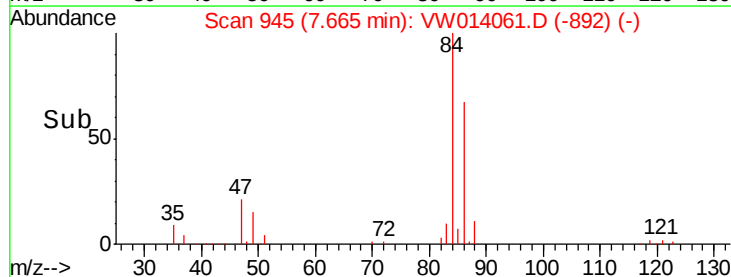
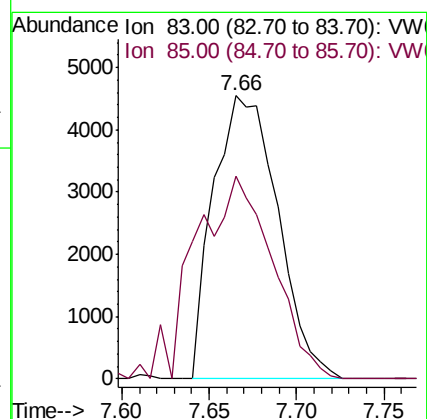
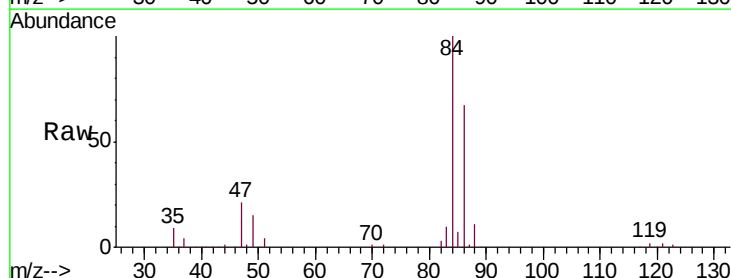
Acq: 18 Nov 2019 14:54

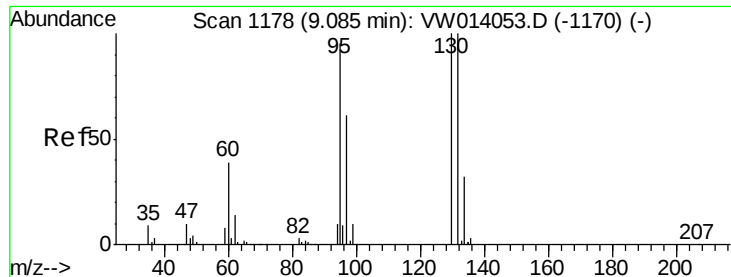
Tgt Ion: 83 Resp: 11663

Ion Ratio Lower Upper

83 100

85 55.1 46.1 85.7

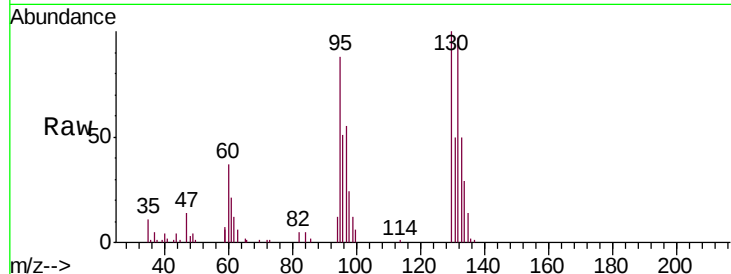




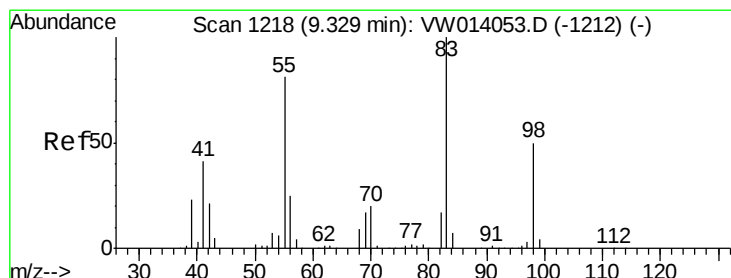
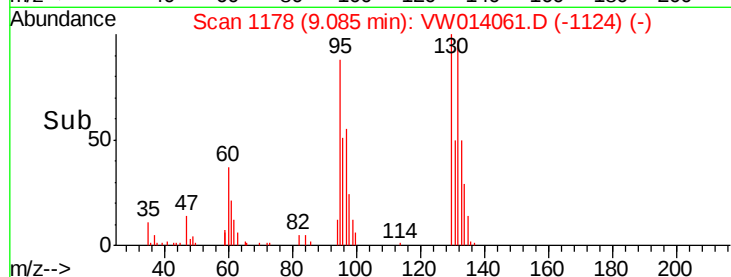
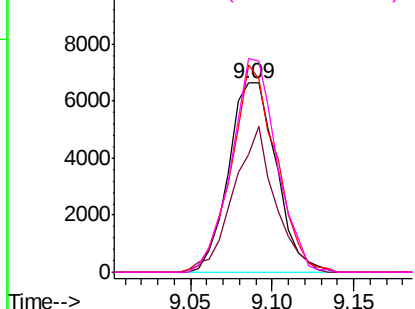
#35
 Trichloroethene
 Concen: 2.159 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
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Instrument :
 MSVOA_W
 ClientSampleId :
 BFLQ9

Tgt Ion: 95 Resp: 13519
 Ion Ratio Lower Upper
 95 100
 97 67.3 45.1 83.9
 132 102.8 73.7 136.9
 130 107.0 76.6 142.2

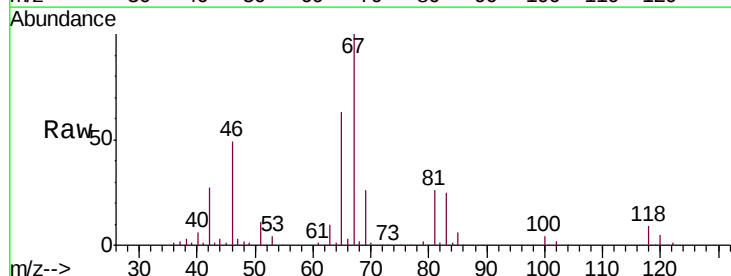


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

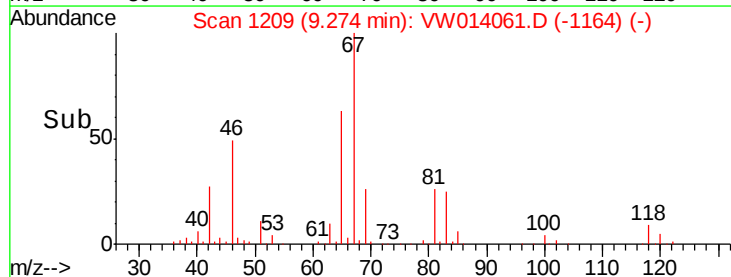
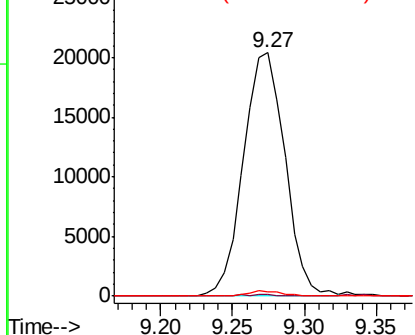


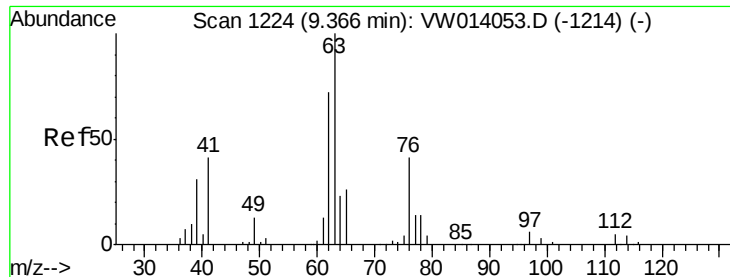
#36
 Methylcyclohexane
 Concen: 3.641 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.05 min
 Lab File: VW014061.D
 Acq: 18 Nov 2019 14:54

Tgt Ion: 83 Resp: 40873
 Ion Ratio Lower Upper
 83 100
 55 0.5 59.8 89.8#
 98 1.7 39.5 59.3#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.046 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW014061.D

Acq: 18 Nov 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

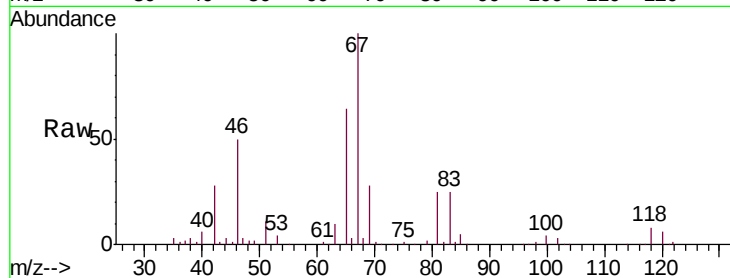
BFLQ9

Tgt Ion: 63 Resp: 17211

Ion Ratio Lower Upper

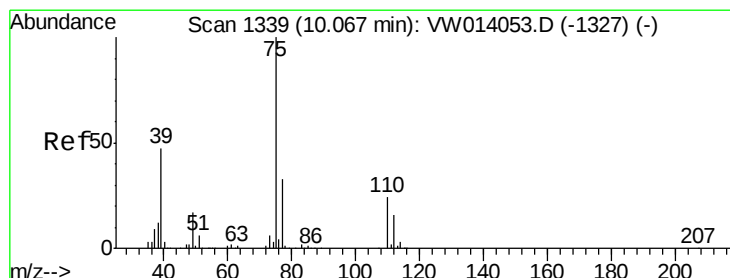
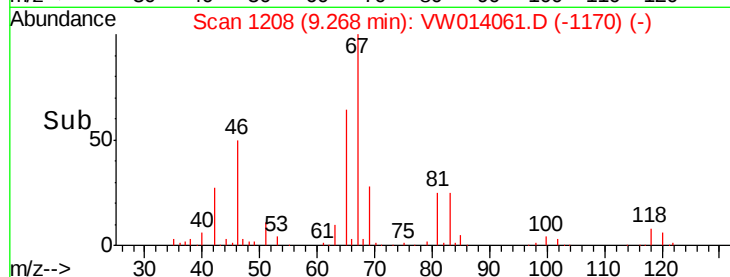
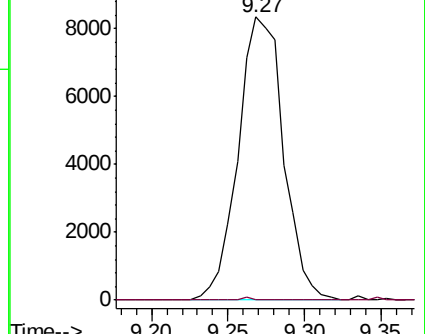
63 100

112 0.0 3.9 5.9#



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: 0.434 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014061.D

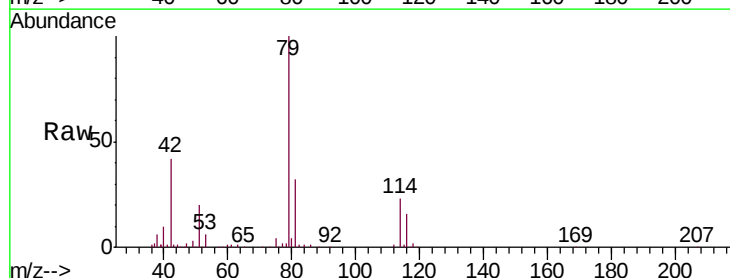
Acq: 18 Nov 2019 14:54

Tgt Ion: 75 Resp: 3874

Ion Ratio Lower Upper

75 100

77 48.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

