

Data File : VW006912.D
Acq On : 16 Nov 2018 11:29
Operator : SY/AP
Sample : VW1116SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK83

Quant Time: Nov 16 14:13:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 14:10:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	150672	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	145429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34935	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
7) Chloroethane-d5	2.89	69	25261	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	4.02	63	68353	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	7.09	46	40162	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
24) Chloroform-d	7.65	84	81682	24.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	8.31	65	52192	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.88%
29) Benzene-d6	8.27	84	177212	23.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.24%
33) 1,2-Dichloropropane-d6	9.27	67	54763	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	10.32	98	181114	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	24776	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.16%
39) 2-Hexanone-d5	10.93	63	31272	53.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	52633	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	64447	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

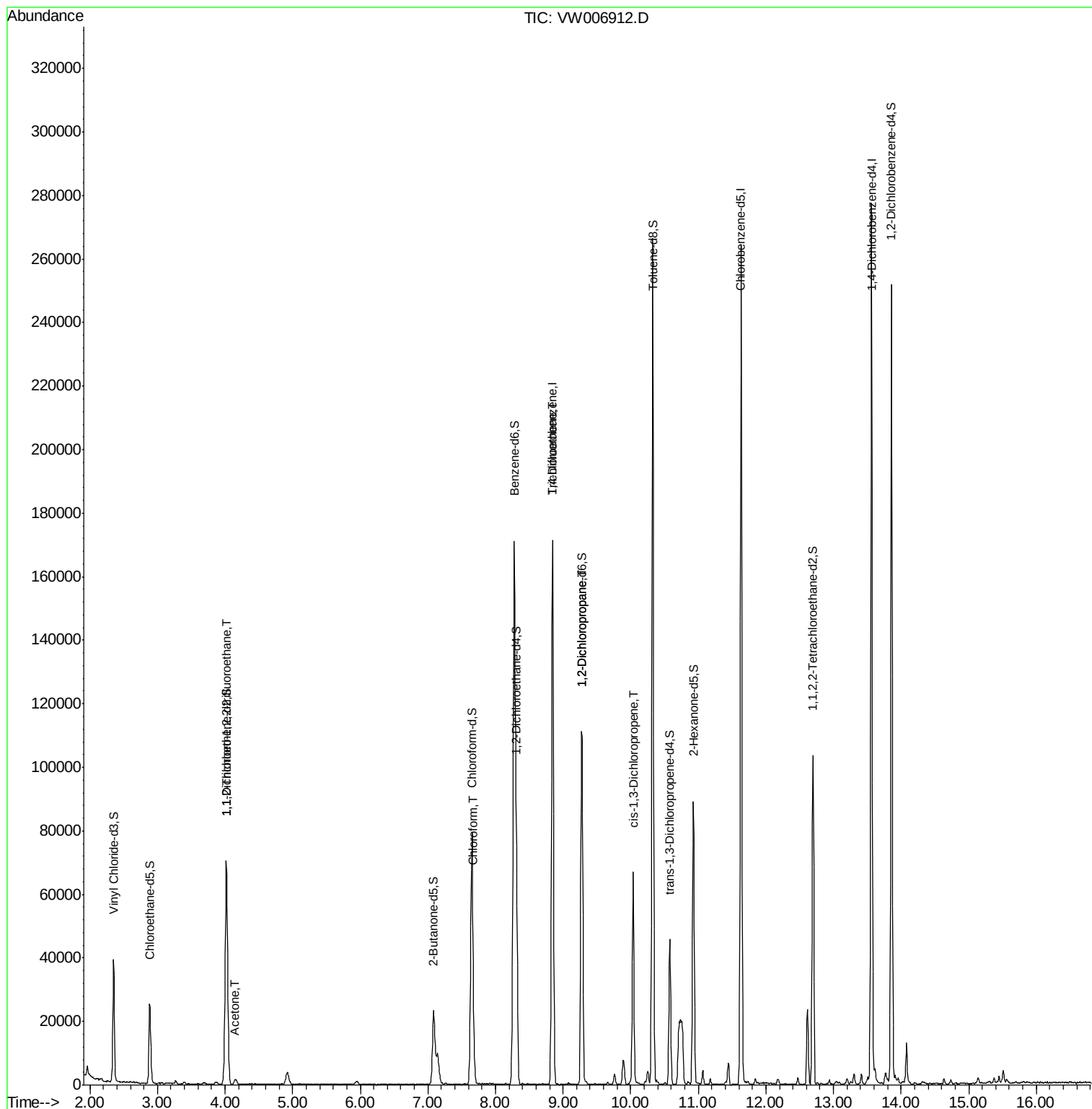
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	670	0.338 ug/L #	21
13) Acetone	4.15	43	1182	2.489 ug/L	90
25) Chloroform	7.67	83	3735	1.007 ug/L #	74
35) Trichloroethene	8.85	95	4710	2.126 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	6052	3.020 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1701	0.562 ug/L #	62

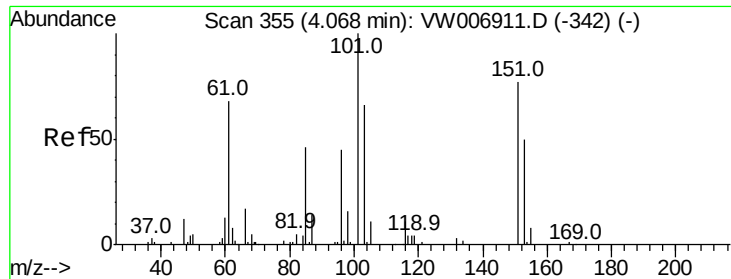
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.338 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampled :

VBLK83

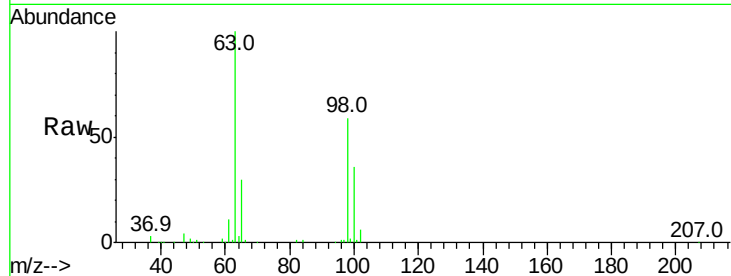
Tgt Ion:101 Resp: 670

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

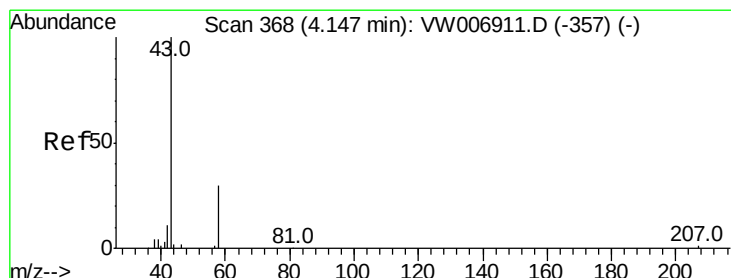
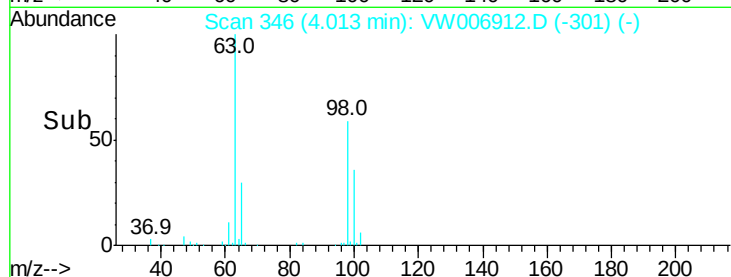
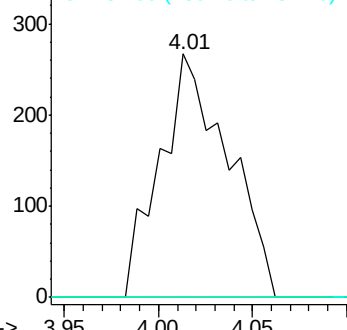
151 0.0 57.5 86.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.489 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

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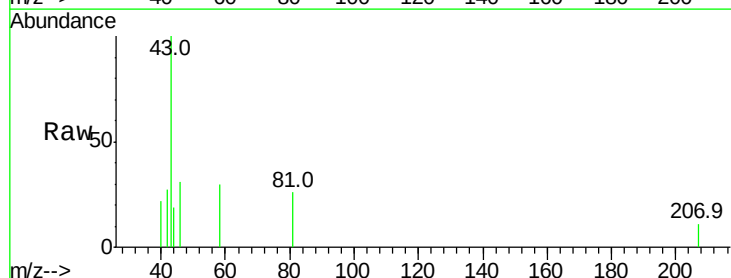
Acq: 16 Nov 2018 11:29

Tgt Ion: 43 Resp: 1182

Ion Ratio Lower Upper

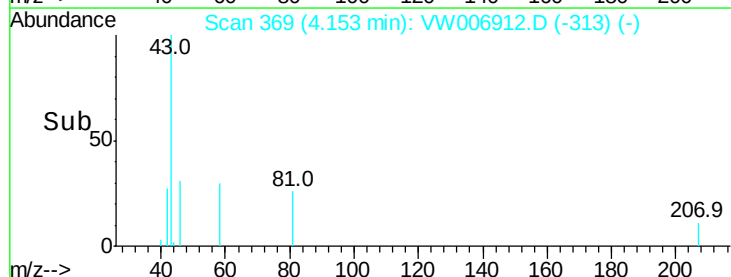
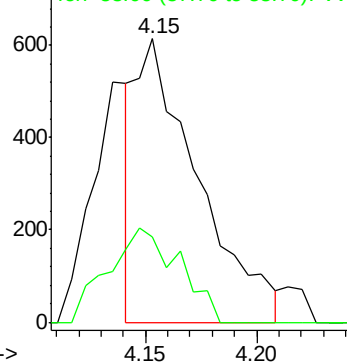
43 100

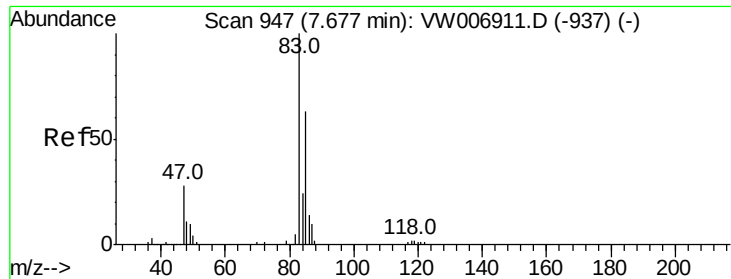
58 38.3 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

Chloroform

Concen: 1.007 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

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ClientSampleId :

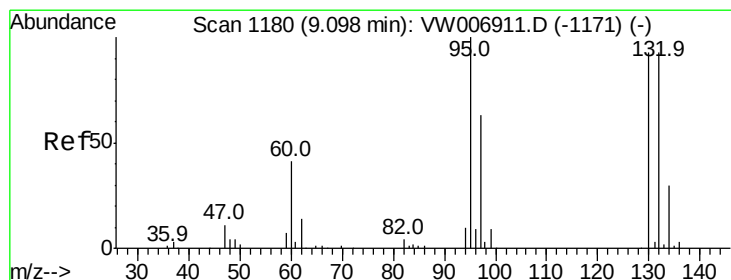
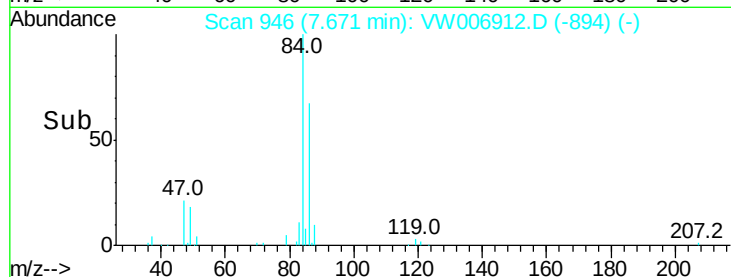
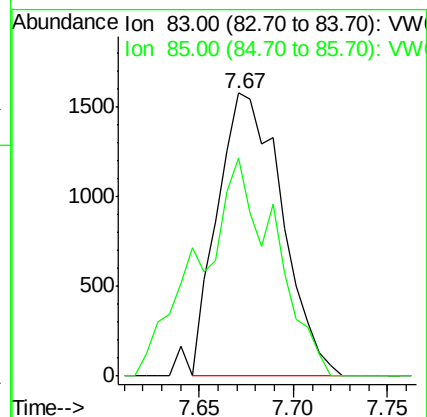
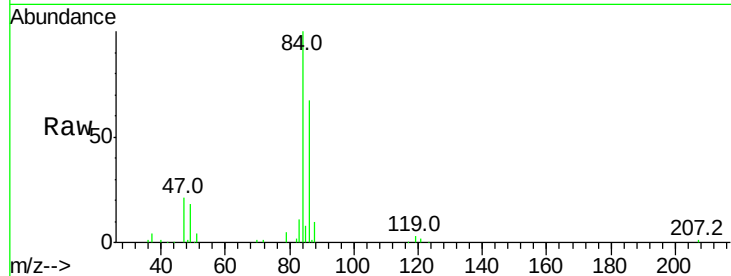
VBLK83

Tgt Ion: 83 Resp: 3735

Ion Ratio Lower Upper

83 100

85 44.3 45.4 84.2#



#35

Trichloroethene

Concen: 2.126 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 4710

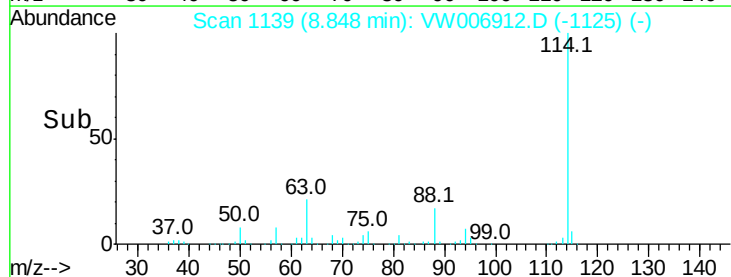
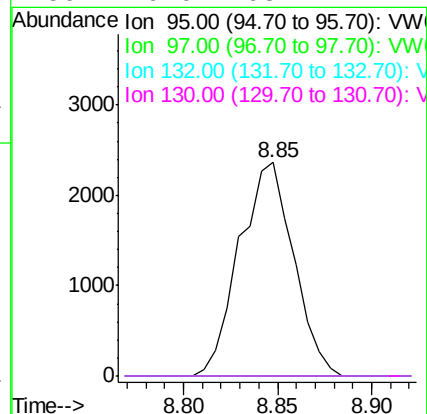
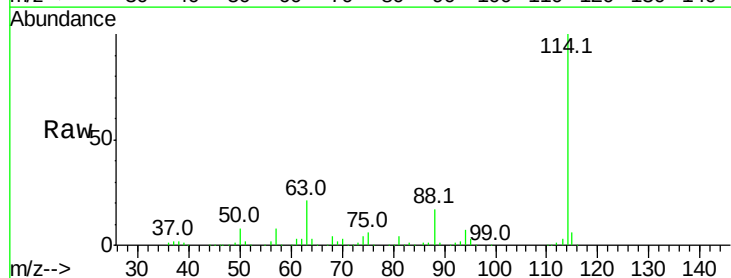
Ion Ratio Lower Upper

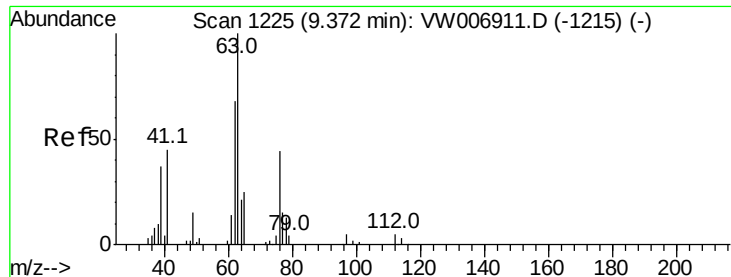
95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#





#40

1,2-Dichloropropane

Concen: 3.020 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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Acq: 16 Nov 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

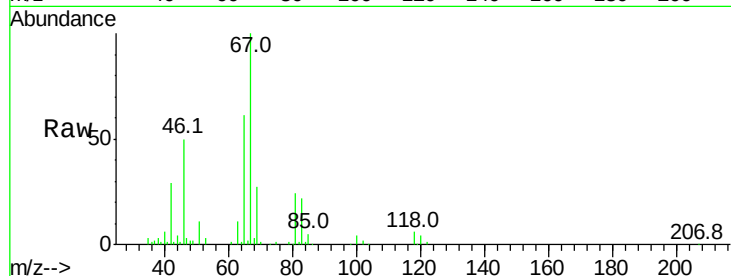
VBLK83

Tgt Ion: 63 Resp: 6052

Ion Ratio Lower Upper

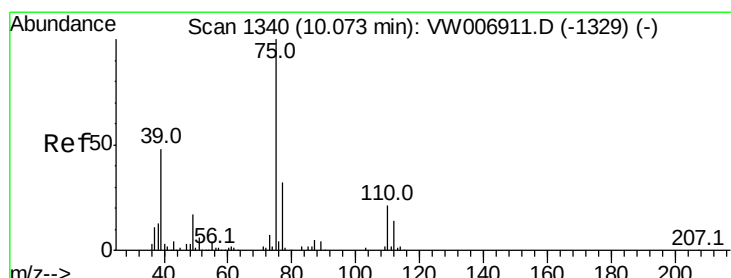
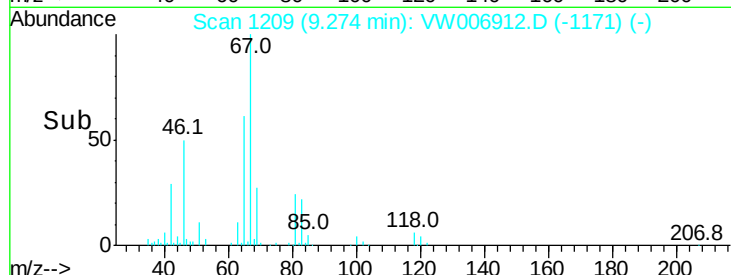
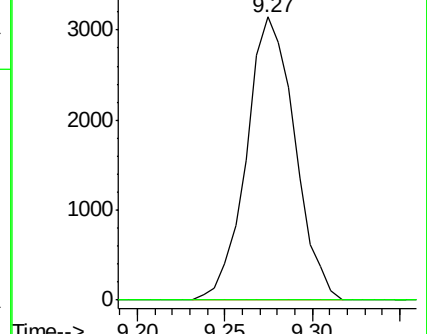
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW006912.D

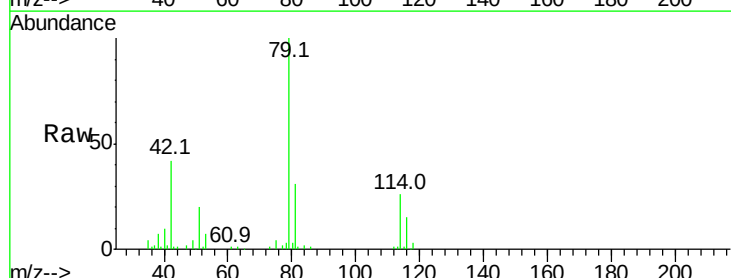
Acq: 16 Nov 2018 11:29

Tgt Ion: 75 Resp: 1701

Ion Ratio Lower Upper

75 100

77 52.3 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

