

Data File : VW005381.D
Acq On : 14 Sep 2018 11:28
Operator : SY/AP
Sample : VW0914SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK83

Quant Time: Sep 14 23:16:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	222662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	215437	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102791	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64566	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
7) Chloroethane-d5	2.89	69	50628	27.86	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
10) 1,1-Dichloroethene-d2	4.02	63	87565	19.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.32%
20) 2-Butanone-d5	7.09	46	57344	59.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.50%
24) Chloroform-d	7.65	84	113994	27.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	8.31	65	74093	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.60%
29) Benzene-d6	8.28	84	232296	26.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.44%
33) 1,2-Dichloropropane-d6	9.28	67	67331	27.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.08%
37) Toluene-d8	10.33	98	229918	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.59	79	31561	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.20%
39) 2-Hexanone-d5	10.93	63	40994	53.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.66%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	65866	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	86334	27.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.96%

Target Compounds

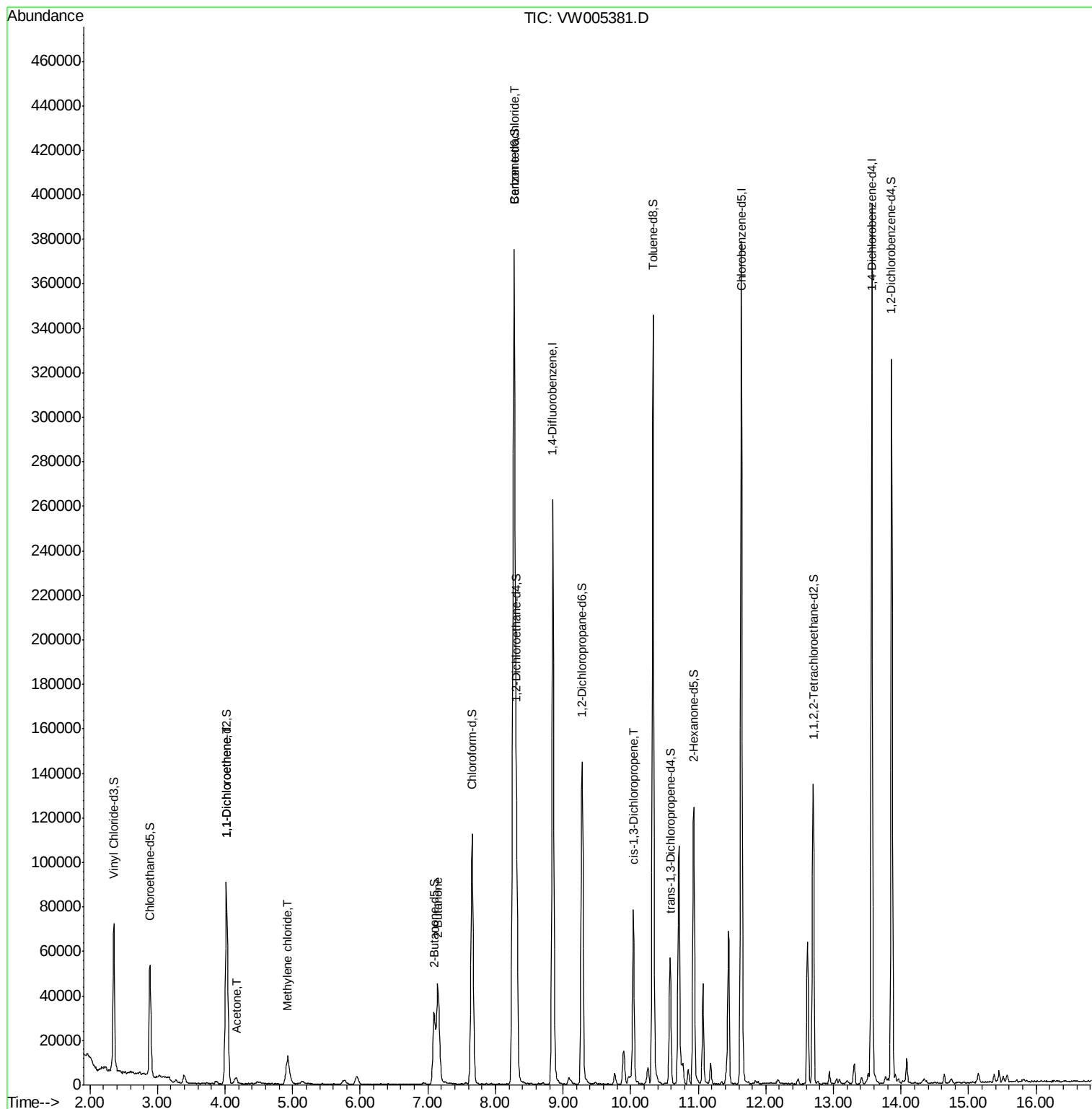
					Qvalue	
12) 1,1-Dichloroethene	4.03	96	892	0.368	ug/L #	1
13) Acetone	4.16	43	3577	3.936	ug/L	77
16) Methylene chloride	4.93	84	8820	2.086	ug/L	97
21) 2-Butanone	7.15	43	2180	1.565	ug/L #	73
32) Carbon tetrachloride	8.27	117	3834	0.844	ug/L #	28
42) cis-1,3-Dichloropropene	10.04	75	2089	0.477	ug/L	92

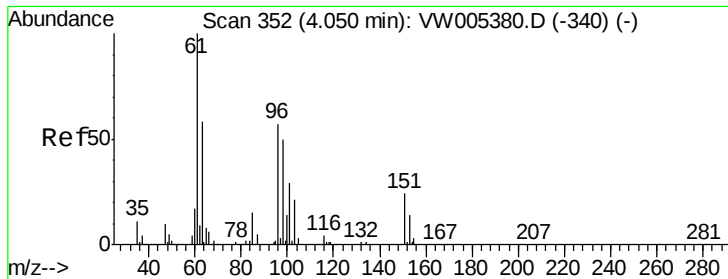
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

VBLK83

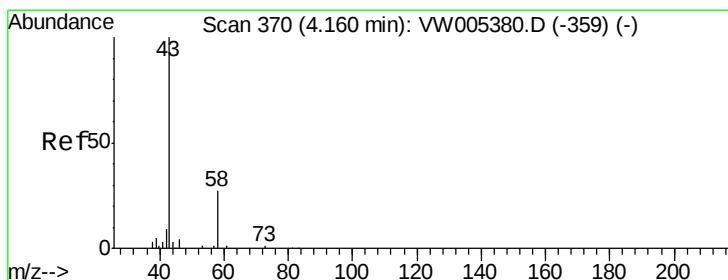
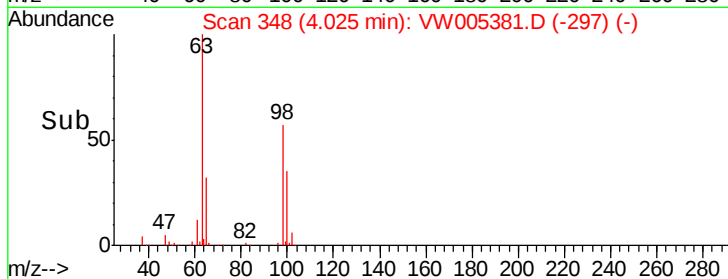
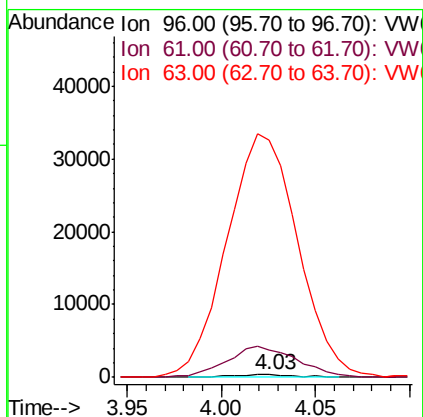
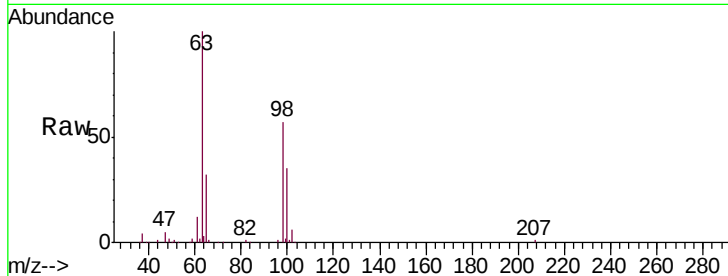
Tgt Ion: 96 Resp: 892

Ion Ratio Lower Upper

96 100

61 1034.2 123.3 229.1#

63 8795.7 69.4 128.8#



#13

Acetone

Concen: 3.936 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW005381.D

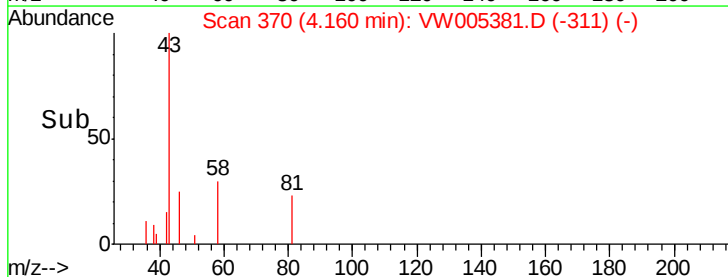
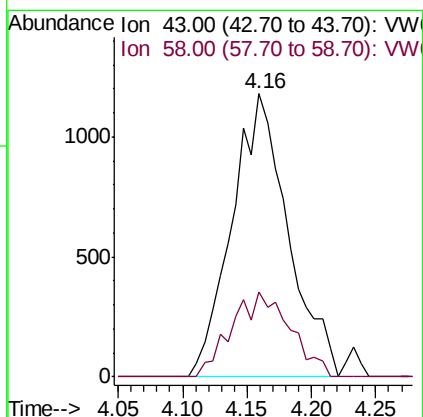
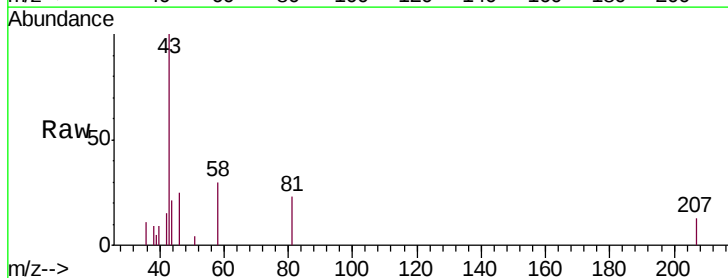
Acq: 14 Sep 2018 11:28

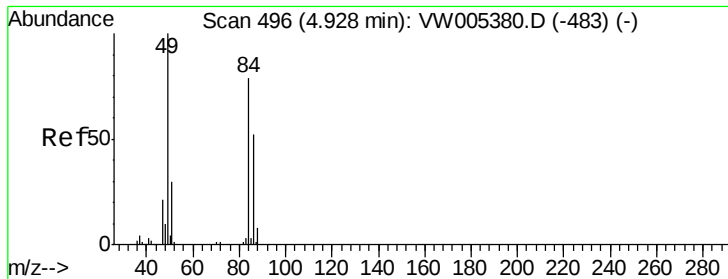
Tgt Ion: 43 Resp: 3577

Ion Ratio Lower Upper

43 100

58 16.8 0.0 57.6

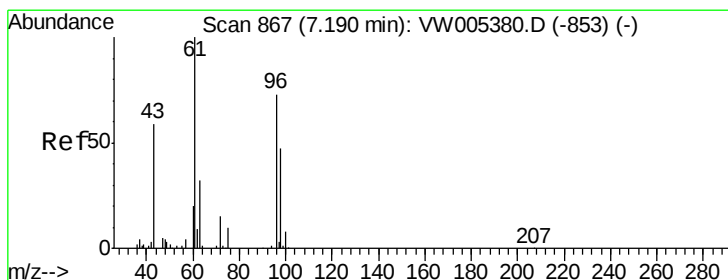
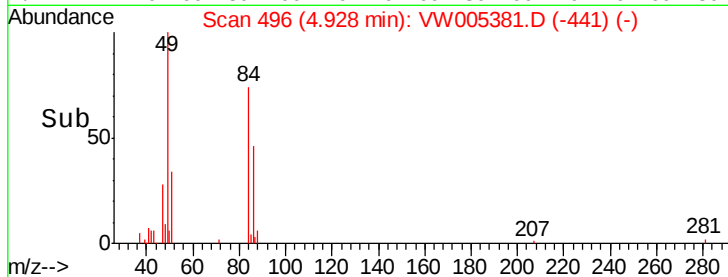
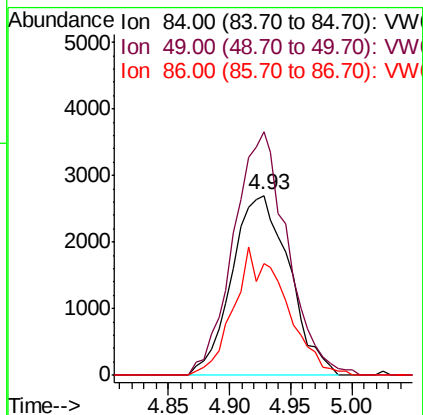
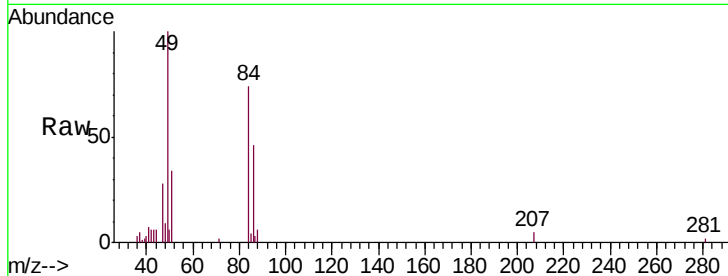




#16
Methylene chloride
Concen: 2.086 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005381.D
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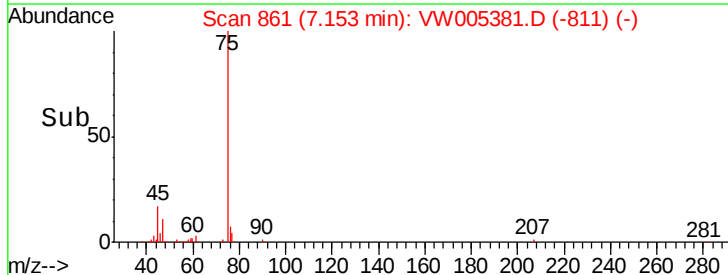
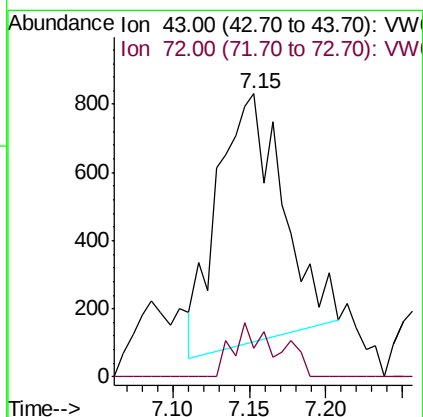
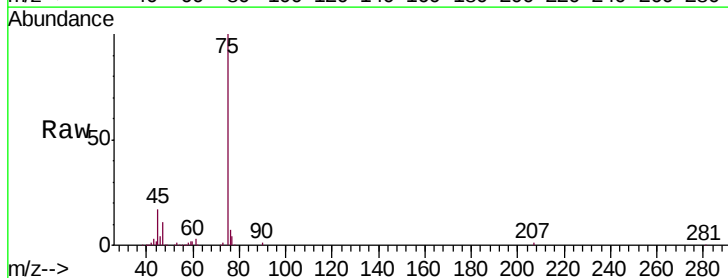
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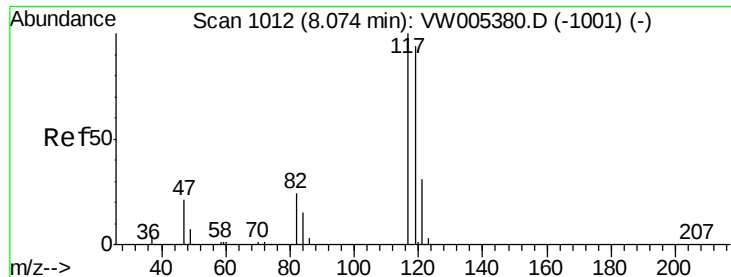
Tgt Ion: 84 Resp: 8820
Ion Ratio Lower Upper
84 100
49 135.3 90.9 168.7
86 62.2 43.6 81.0



#21
2-Butanone
Concen: 1.565 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005381.D
Acq: 14 Sep 2018 11:28

Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
72 10.1 11.8 35.4#





#32

Carbon tetrachloride

Concen: 0.844 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. 0.20 min

Lab File: VW005381.D

Acq: 14 Sep 2018 11:28

Instrument :

MSVOA_W

ClientSampleId :

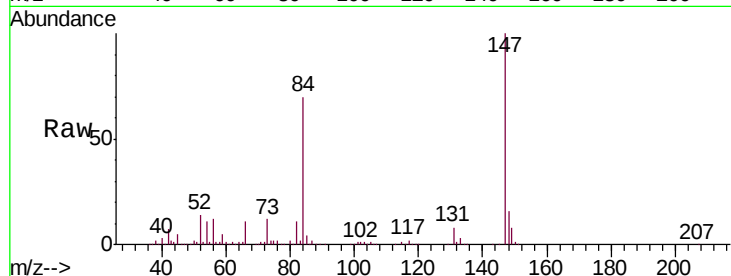
VBLK83

Tgt Ion:117 Resp: 3834

Ion Ratio Lower Upper

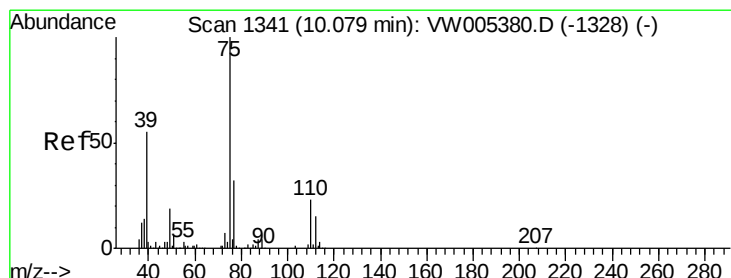
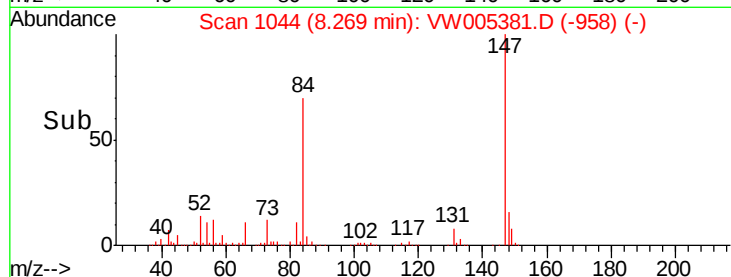
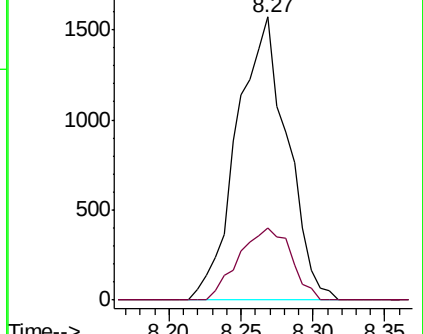
117 100

119 26.3 77.0 115.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005381.D

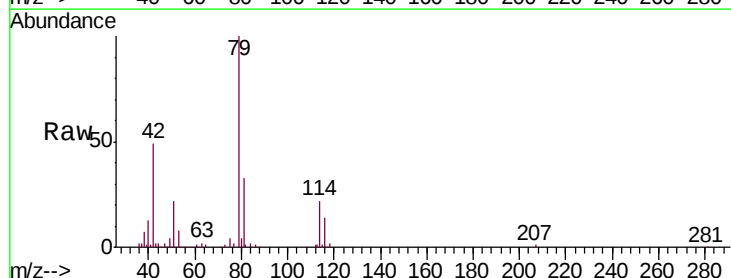
Acq: 14 Sep 2018 11:28

Tgt Ion: 75 Resp: 2089

Ion Ratio Lower Upper

75 100

77 36.3 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

