

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050719\
Quantitation Report (QT/LSC Reviewed)

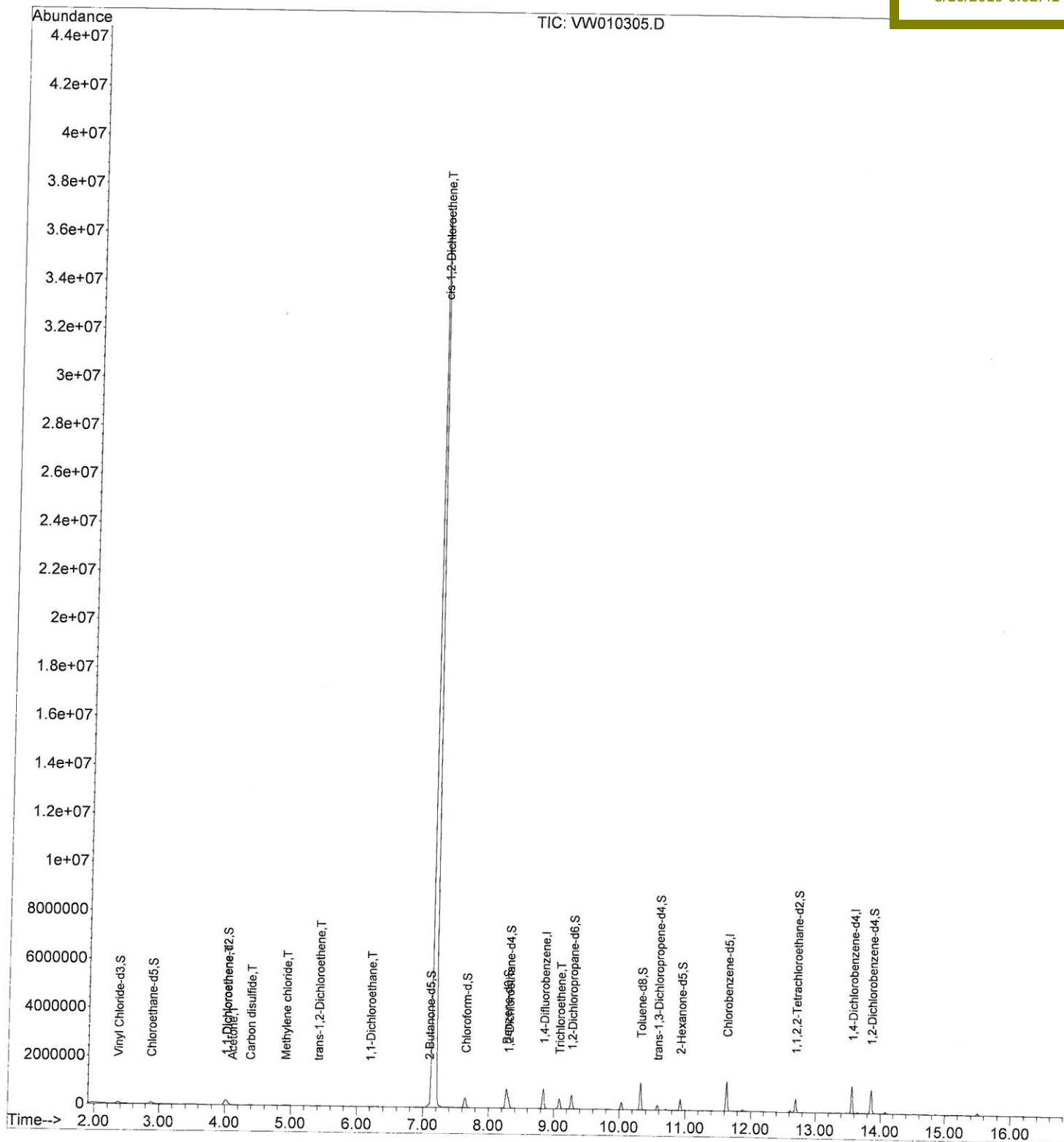
Data File : VW010305.D
Acq On : 07 May 2019 18:30
Operator : SY/VA
Sample : K2690-09
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
A5155

Quant Time: May 08 06:29:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
5/10/2019 6:02:41 PM



Quantitation Report (Qedit)

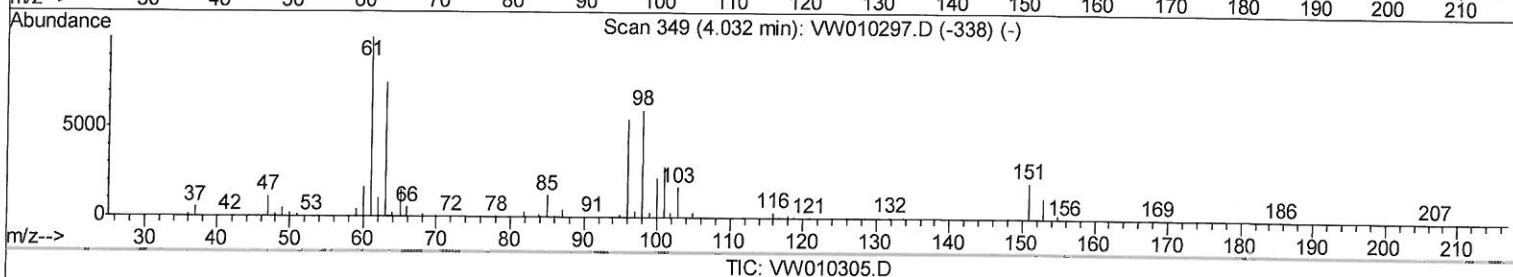
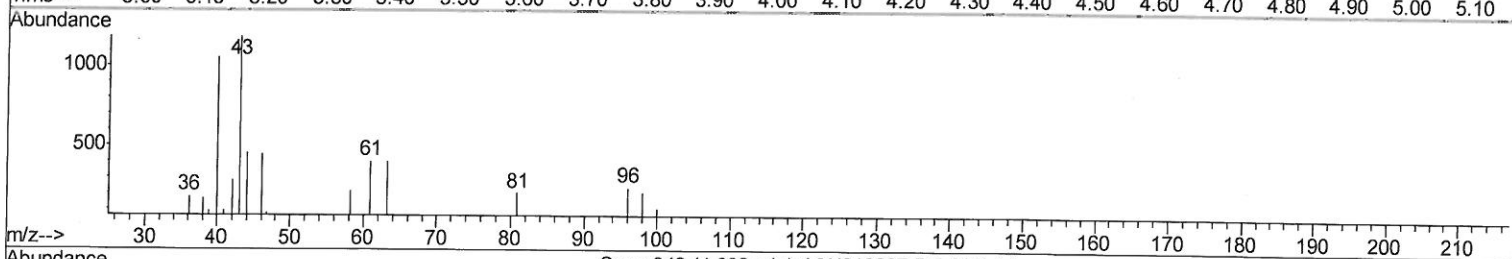
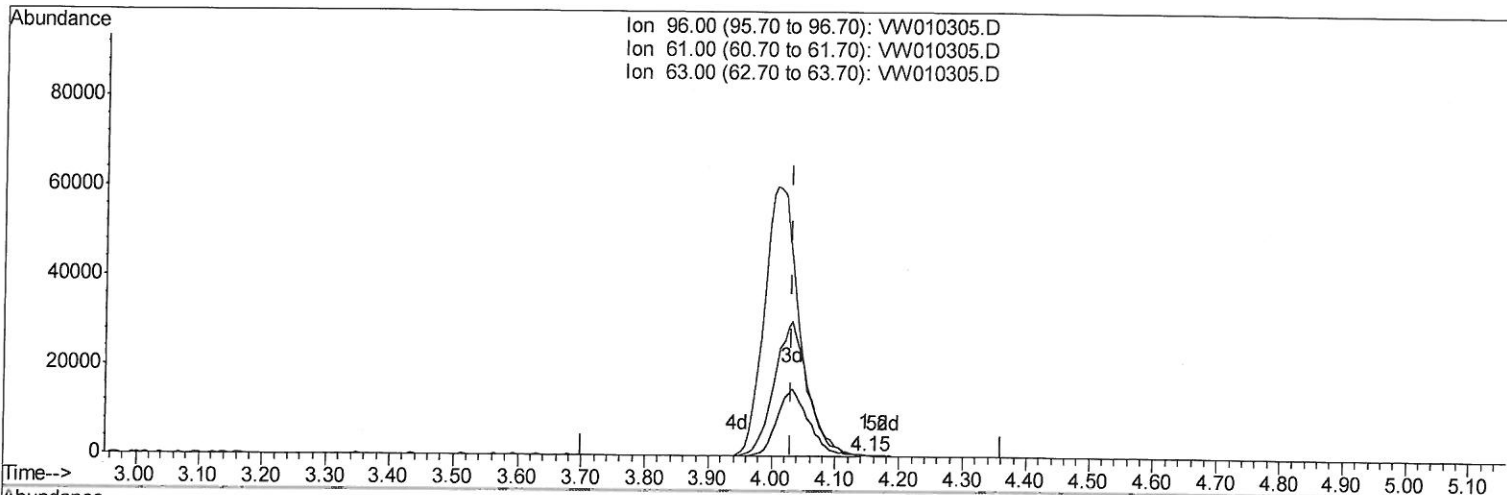
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
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Instrument :
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 ClientSampled :
 A5155

Quant Time: May 08 06:24:21 2019
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Manual Integrations
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(12) 1,1-Dichloroethene (T)

4.147min (+0.116) 0.01ug/L

response 122

Ion	Exp%	Act%
96.00	100	100
61.00	193.00	169.33
63.00	147.30	168.91
0.00	0.00	0.00

Quantitation Report (Qedit)

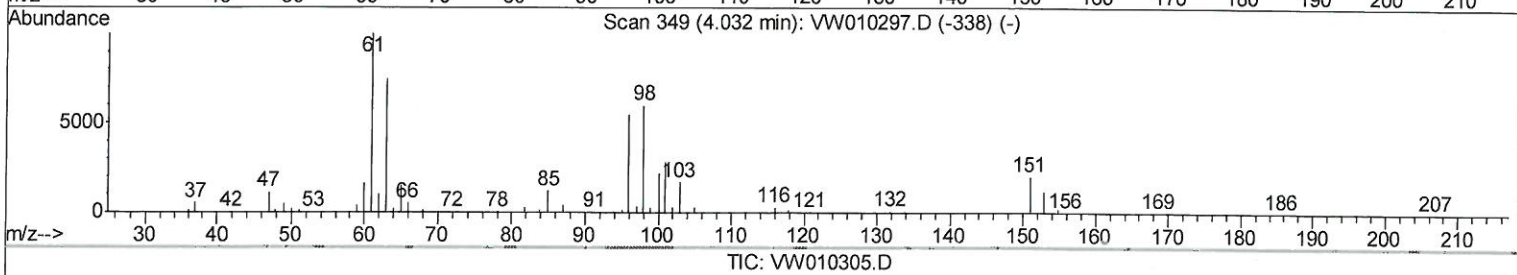
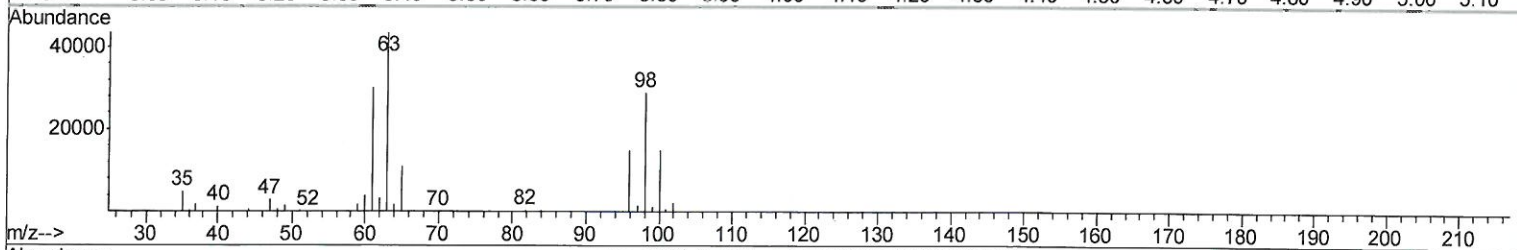
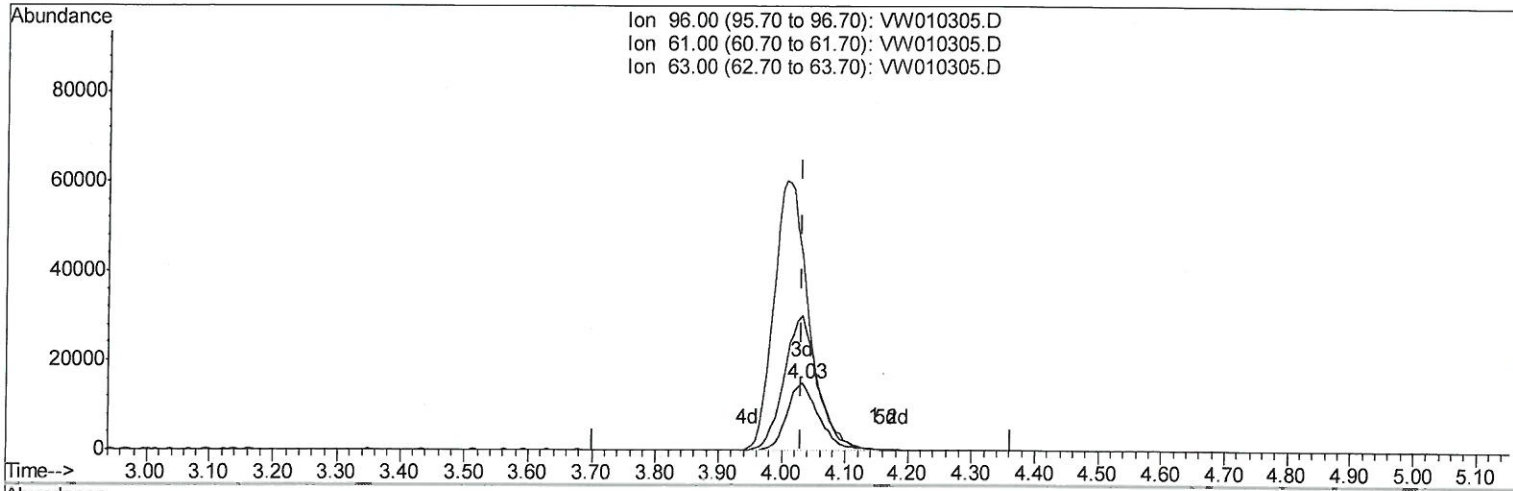
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 A5155

Quant Time: May 08 06:24:21 2019
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Manual Integrations
 APPROVED

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 5/10/2019 6:02:41 PM



(12) 1,1-Dichloroethene (T)

4.031min (-0.000) 6.16ug/L m

response 52859

Ion	Exp%	Act%
96.00	100	100
61.00	193.00	200.19
63.00	147.30	289.21#
0.00	0.00	0.00

05/09/19 Sy

Quantitation Report (Qedit)

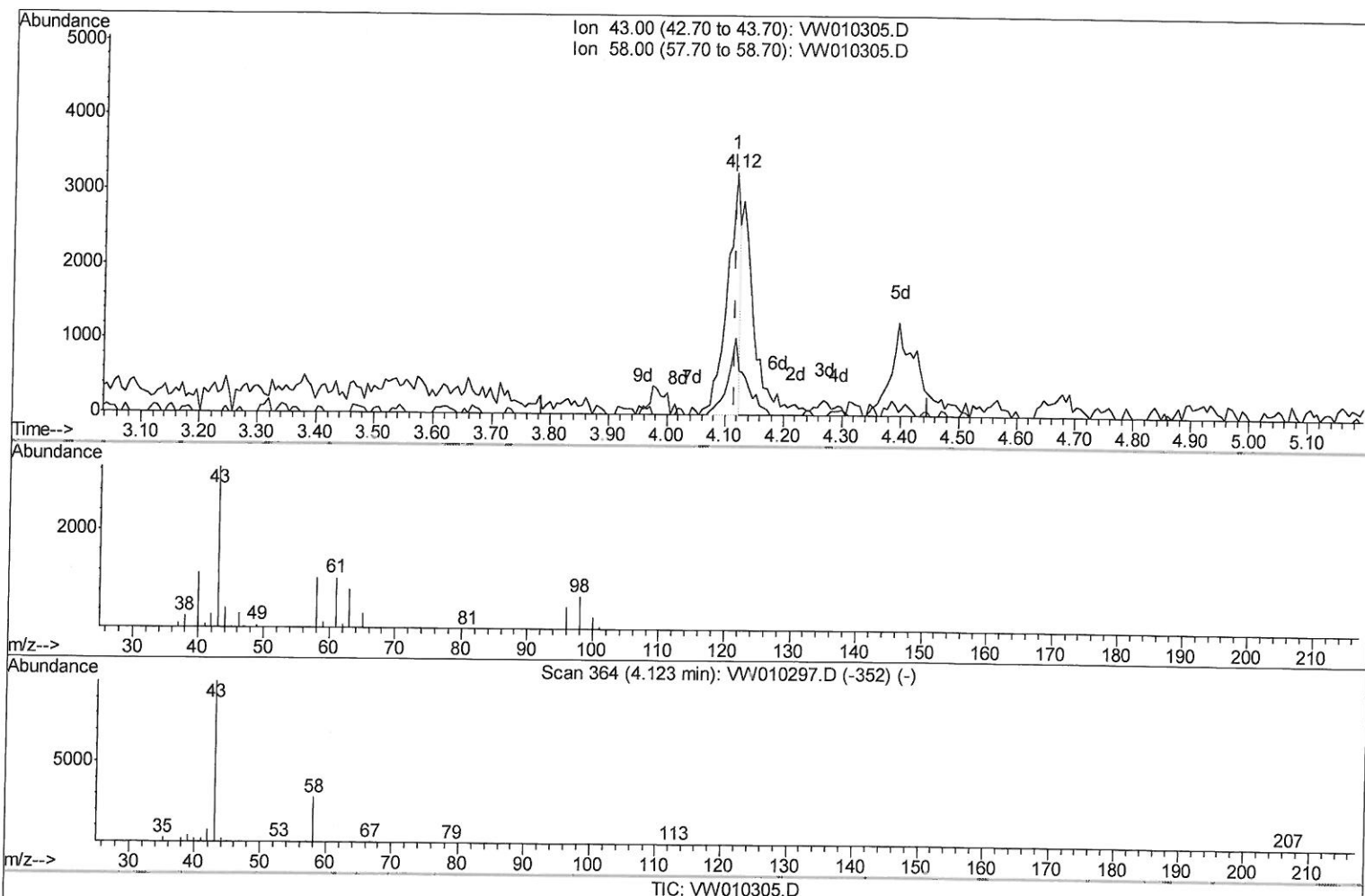
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Quant Time: May 08 06:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
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Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(13) Acetone (T)

4.117min (-0.000) 1.73ug/L

response 5051

Ion	Exp%	Act%
43.00	100	100
58.00	27.60	29.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

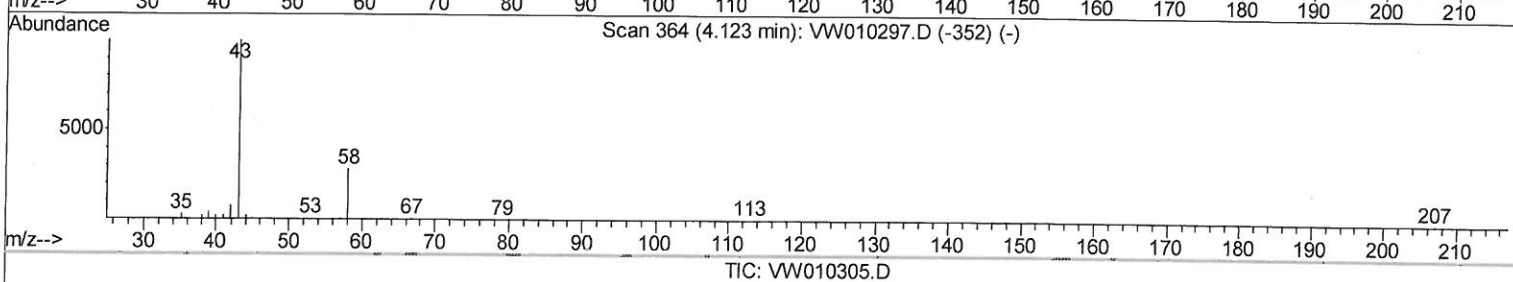
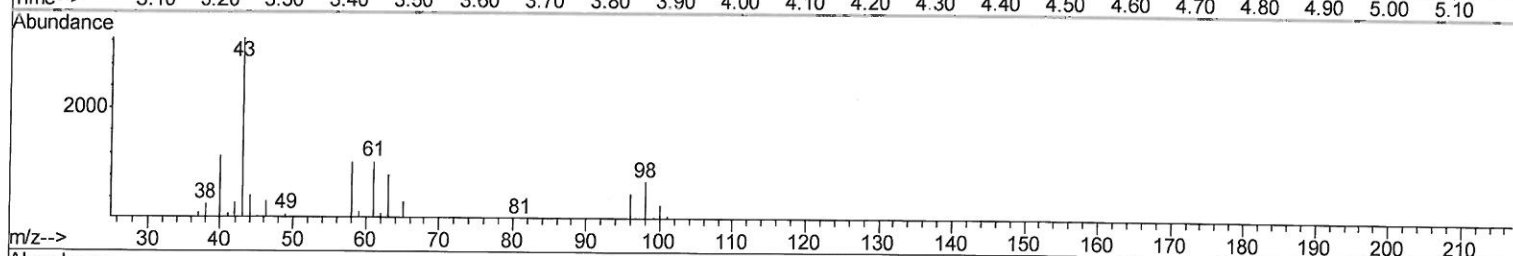
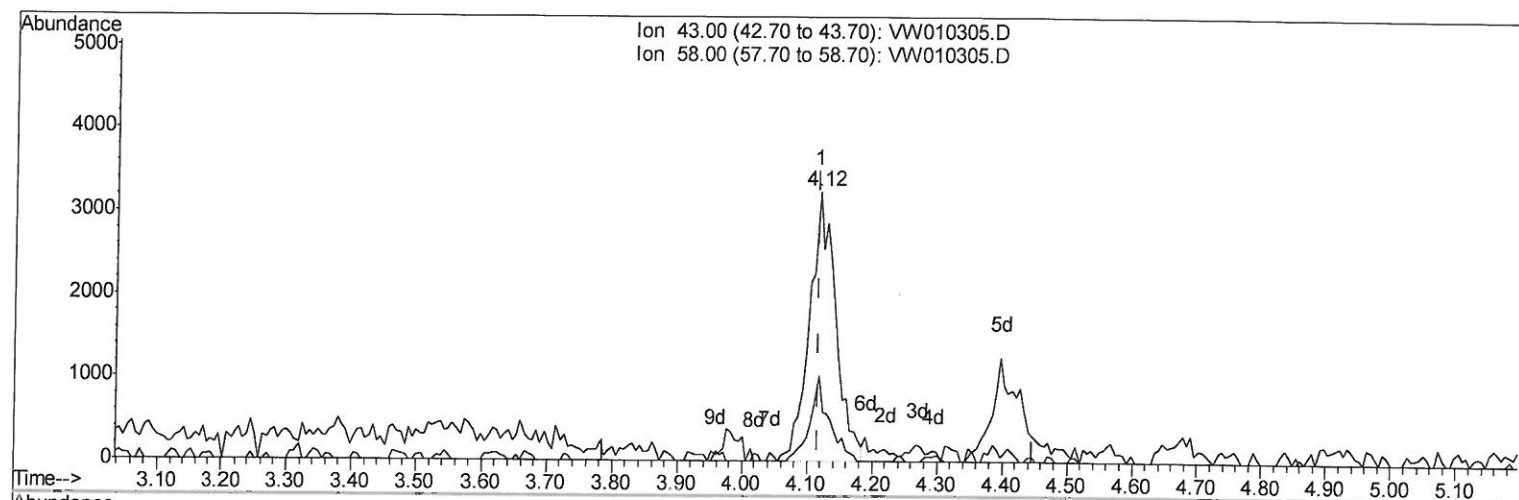
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
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 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

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Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(13) Acetone (T)

4.117min (-0.000) 3.12ug/L m

response 9109

Ion	Exp%	Act%
43.00	100	100
58.00	27.60	16.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

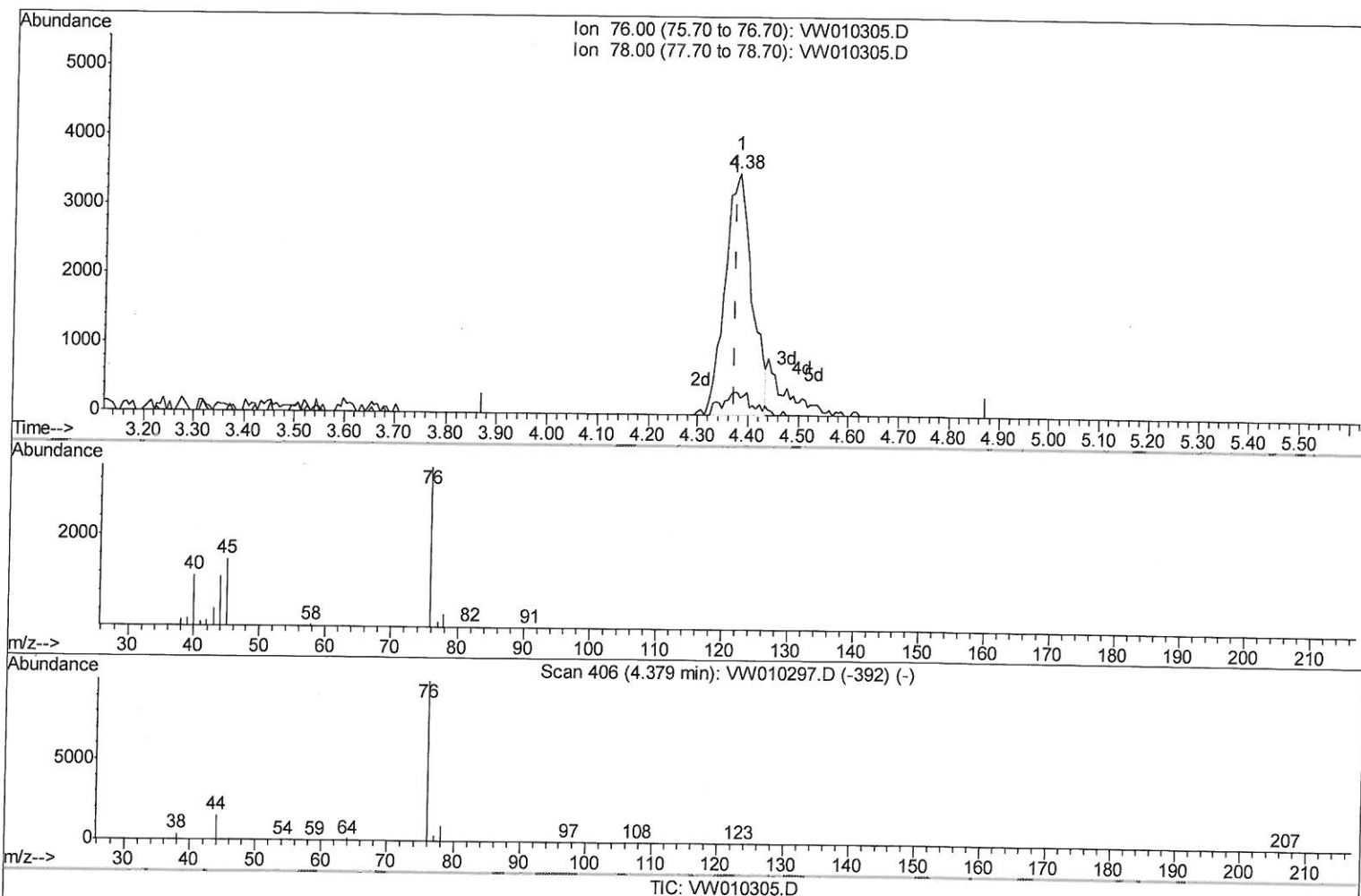
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Quant Time: May 08 06:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 04:42:42 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(14) Carbon disulfide (T)
 4.379min (+0.006) 0.49ug/L
 response 12914

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

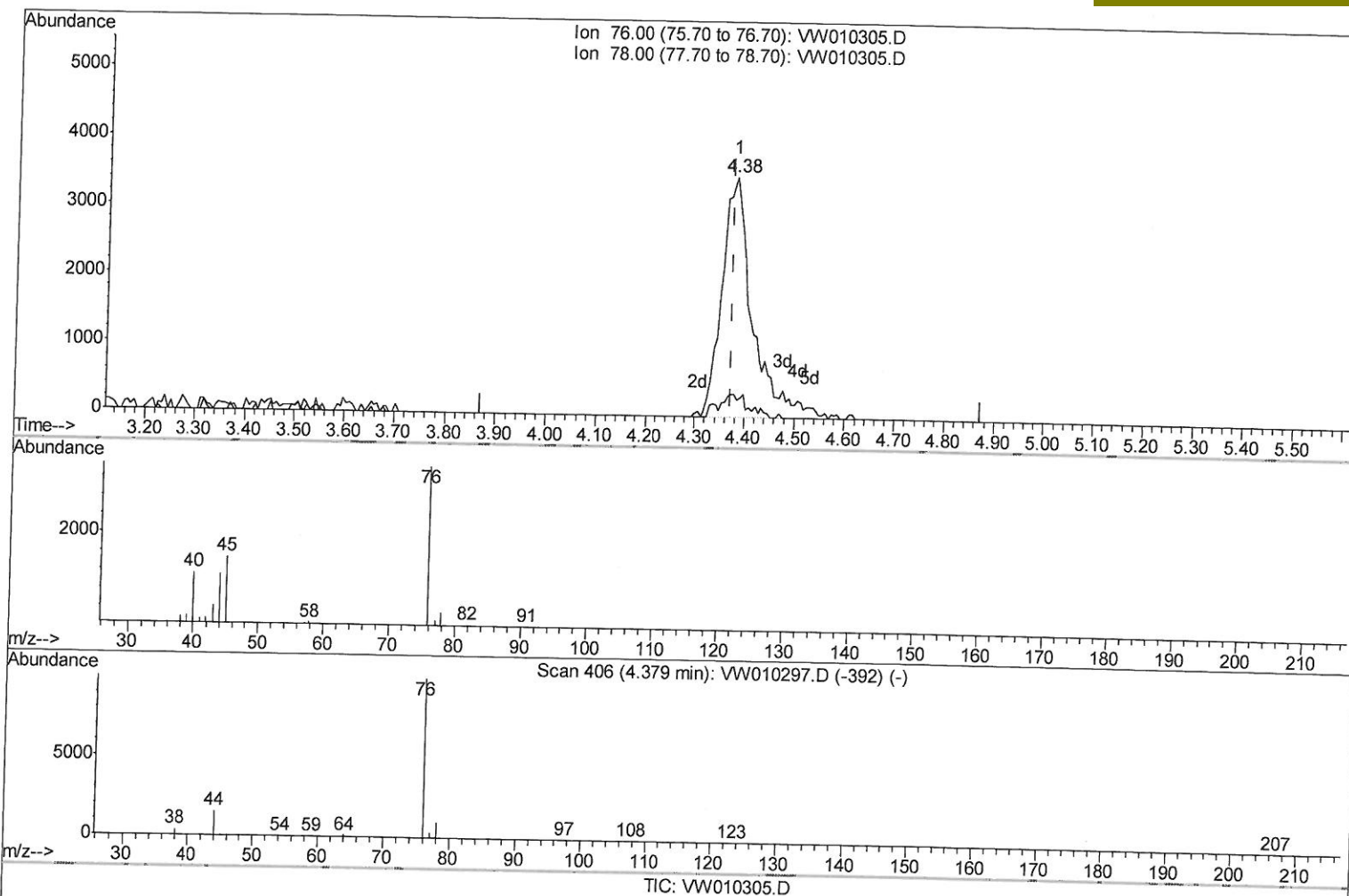
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 A5155

Quant Time: May 08 06:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 04:42:42 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(14) Carbon disulfide (T)

4.379min (+0.006) 0.57ug/L m

response 14957

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.58
0.00	0.00	0.00
0.00	0.00	0.00

205/09/19 Sy

Quantitation Report (Qedit)

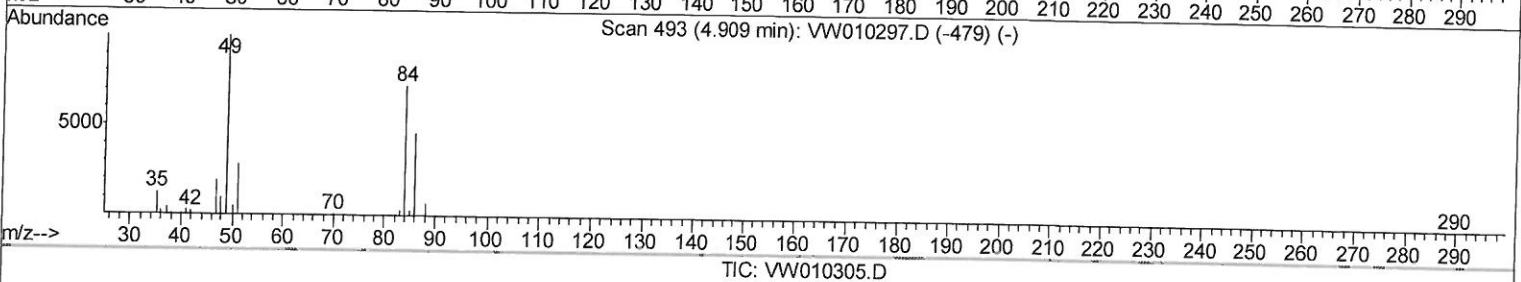
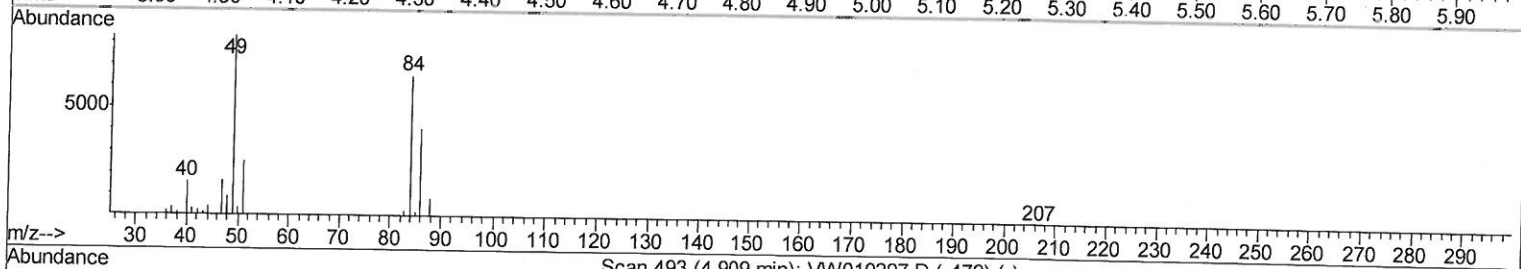
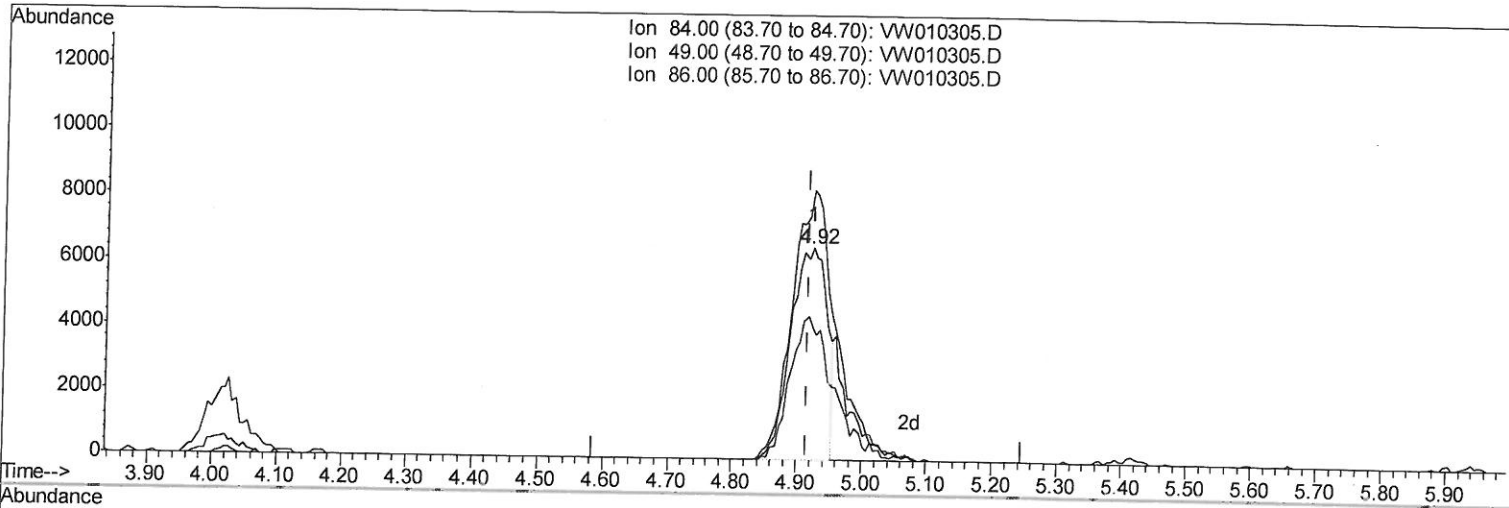
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 A5155

Quant Time: May 08 06:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 04:42:42 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(16) Methylene chloride (T)

4.921min (+0.006) 2.92ug/L

response 24959

Ion	Exp%	Act%
84.00	100	100
49.00	134.90	127.50
86.00	62.60	62.67
0.00	0.00	0.00

Quantitation Report (Qedit)

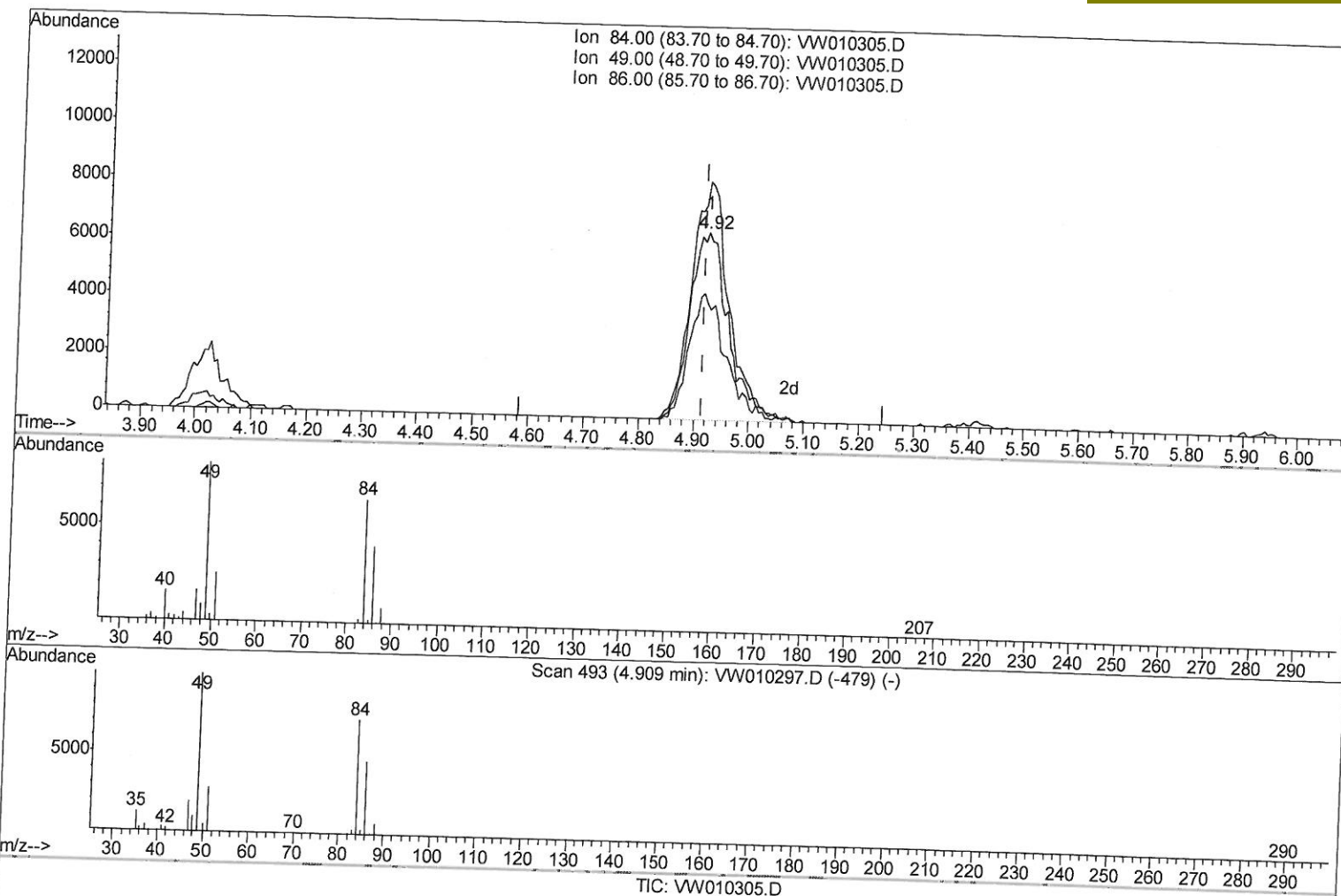
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Quant Time: May 08 06:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 04:42:42 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(16) Methylene chloride (T)

4.921min (+0.006) 3.71ug/L m

response 31702

Ion	Exp%	Act%
84.00	100	100
49.00	134.90	127.50
86.00	62.60	62.67
0.00	0.00	0.00

5/5/19/19 Sy

Quantitation Report (Qedit)

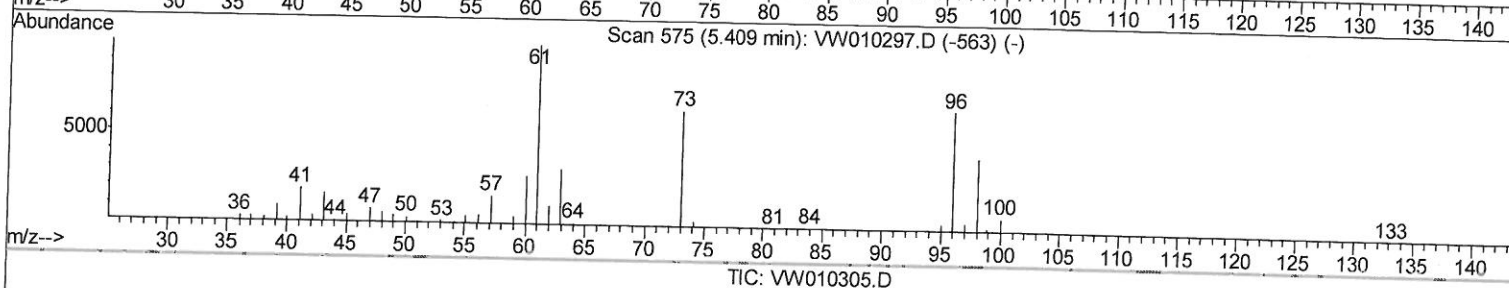
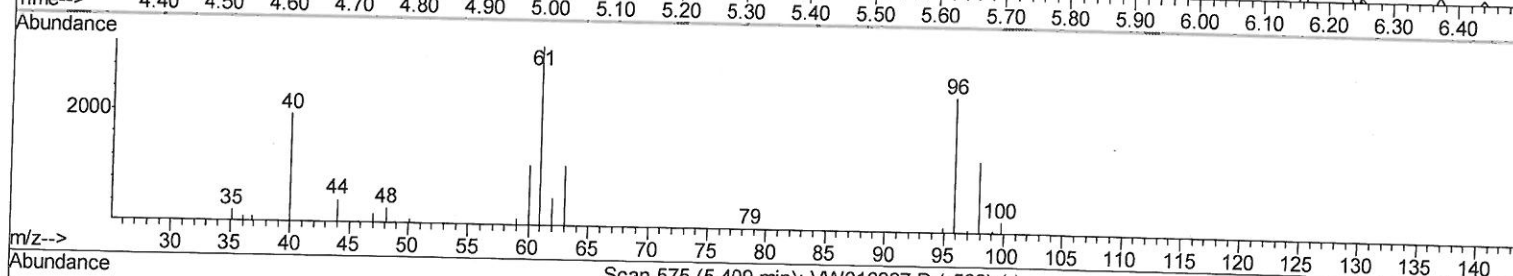
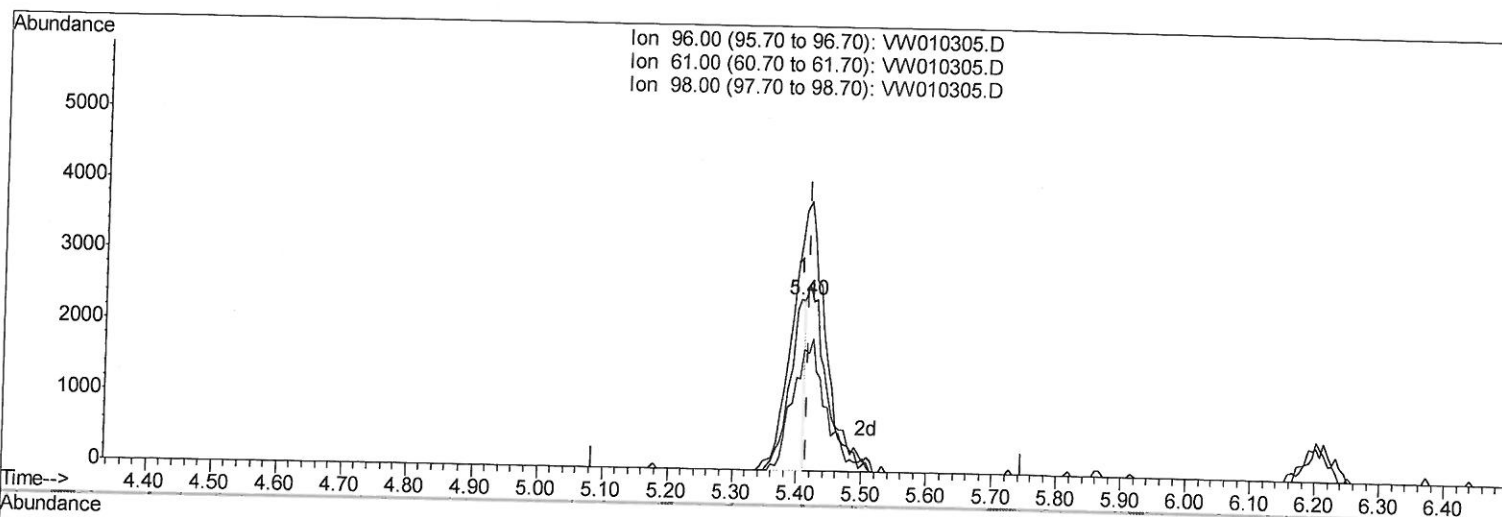
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Quant Time: May 08 06:24:21 2019
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 Quant Title : VOC Analysis
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Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(18) trans-1,2-Dichloroethene (T)

5.403min (-0.012) 0.47ug/L

response 4115

Ion	Exp%	Act%
96.00	100	100
61.00	148.20	132.35
98.00	62.30	53.87
0.00	0.00	0.00

Quantitation Report (Qedit)

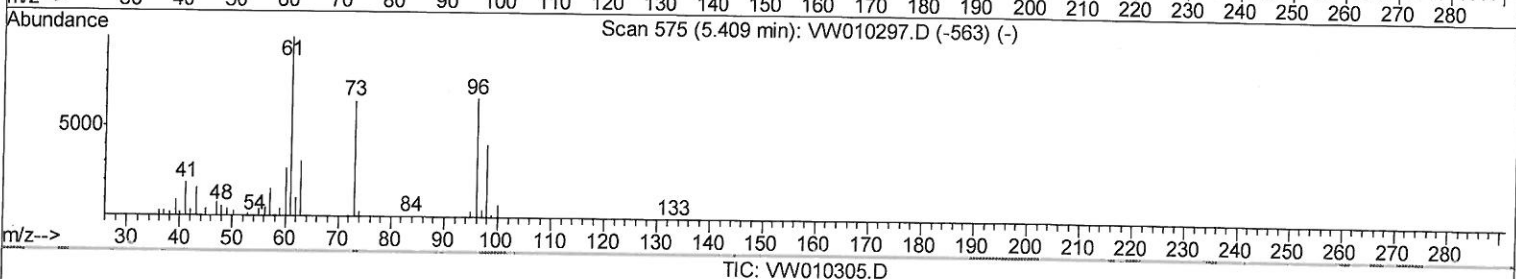
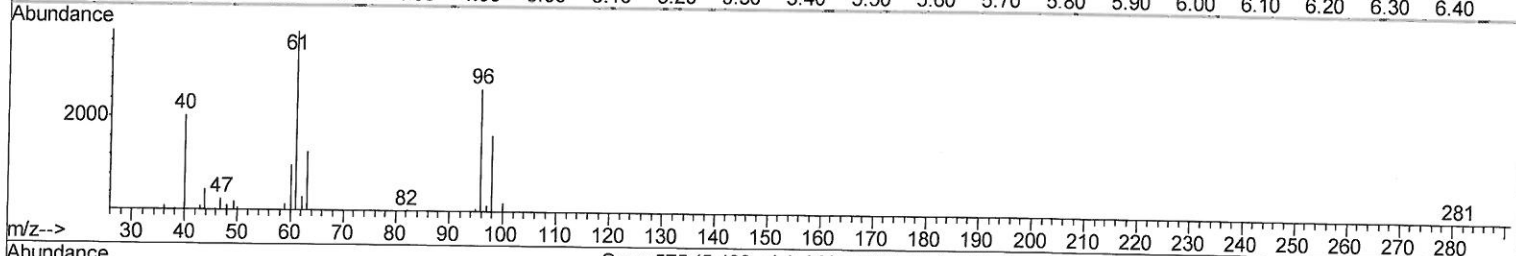
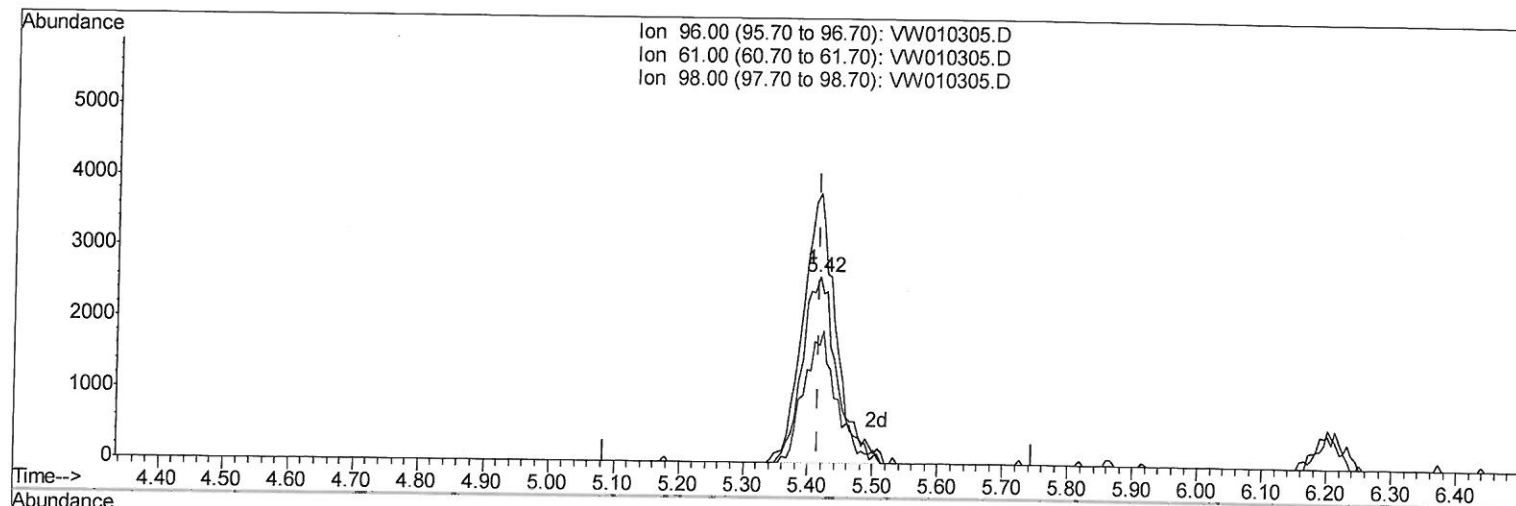
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 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 A5155

Quant Time: May 08 06:24:21 2019
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Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM



(18) trans-1,2-Dichloroethene (T)

5.415min (-0.000) 1.09ug/L m *505/09/19 Sy*

response 9652

Ion	Exp%	Act%
96.00	100	100
61.00	148.20	144.74
98.00	62.30	63.02
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	631778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	282454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135835	18.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.88%		
7) Chloroethane-d5	2.89	69	116458	18.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.68%		
10) 1,1-Dichloroethene-d2	4.01	63	230758	12.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.36%		
20) 2-Butanone-d5	7.09	46	180480	52.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.92%		
24) Chloroform-d	7.65	84	404013	24.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.04%		
26) 1,2-Dichloroethane-d4	8.30	65	249816	25.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.32%		
29) Benzene-d6	8.27	84	780500	22.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.48%		
33) 1,2-Dichloropropane-d6	9.27	67	255982	23.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.92%		
37) Toluene-d8	10.32	98	680043	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.48%		
38) trans-1,3-Dichloropropene	10.58	79	103365	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.84%		
39) 2-Hexanone-d5	10.93	63	137876	50.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.04%		
48) 1,1,2,2-Tetrachloroethane	12.69	84	265241	25.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.44%		
61) 1,2-Dichlorobenzene-d4	13.86	152	262878	27.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	109.08%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	52859m	6.163	ug/L	
13) Acetone	4.12	43	9109m	3.124	ug/L	
14) Carbon disulfide	4.38	76	14957m	0.570	ug/L	
16) Methylene chloride	4.92	84	31702m	3.707	ug/L	
18) trans-1,2-Dichloroethene	5.42	96	9652m	1.091	ug/L	
19) 1,1-Dichloroethane	6.20	63	15088	0.890	ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	22369627	2448.502	ug/L	81
35) Trichloroethene	9.09	95	135182	12.831	ug/L	99

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