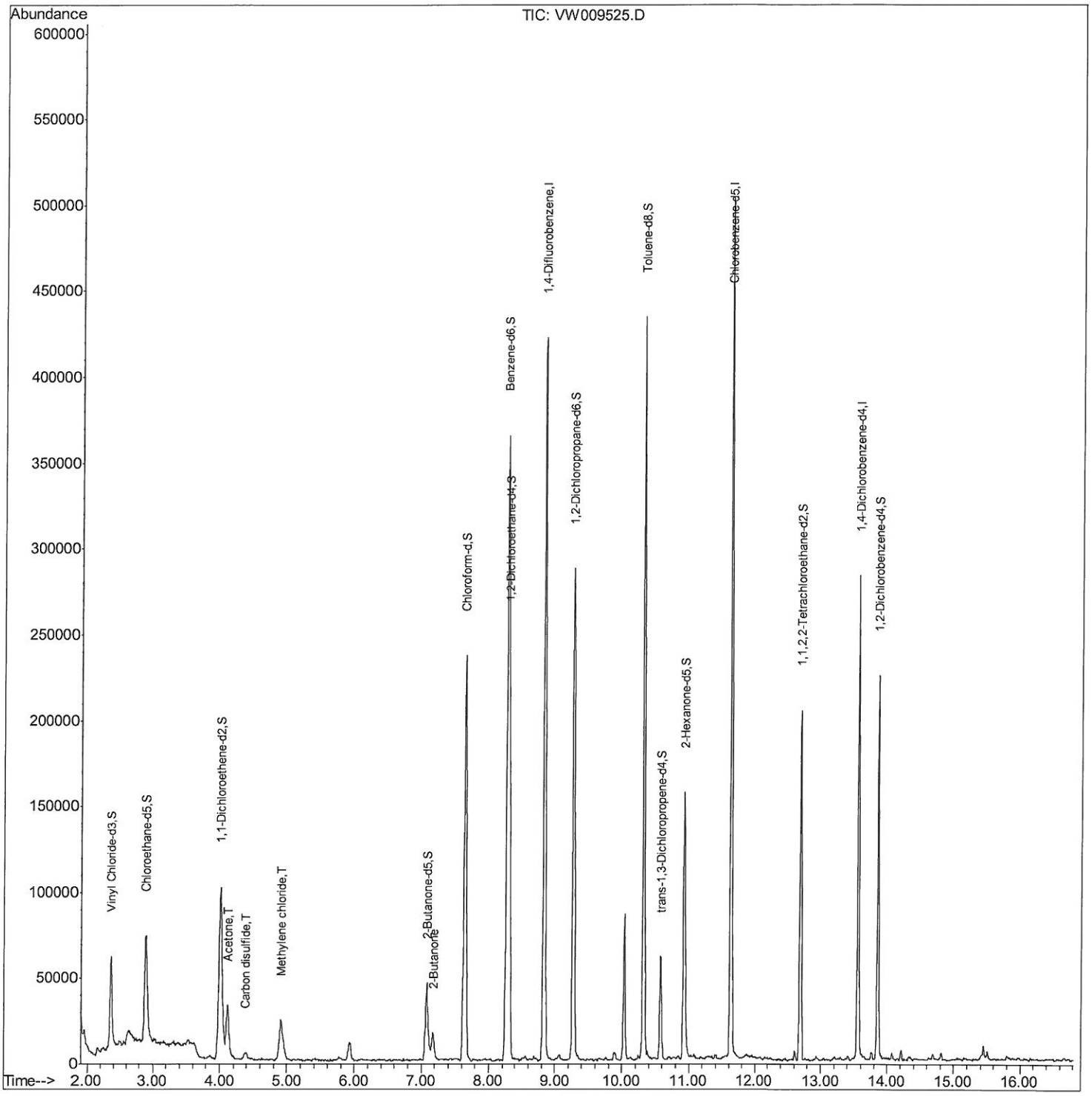
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009525.D
Acq On : 28 Mar 2019 03:16
Operator : SY/VA
Sample : K2068-21
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:42:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5J9

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:18:49 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009525.D
Acq On : 28 Mar 2019 03:16
Operator : SY/VA
Sample : K2068-21
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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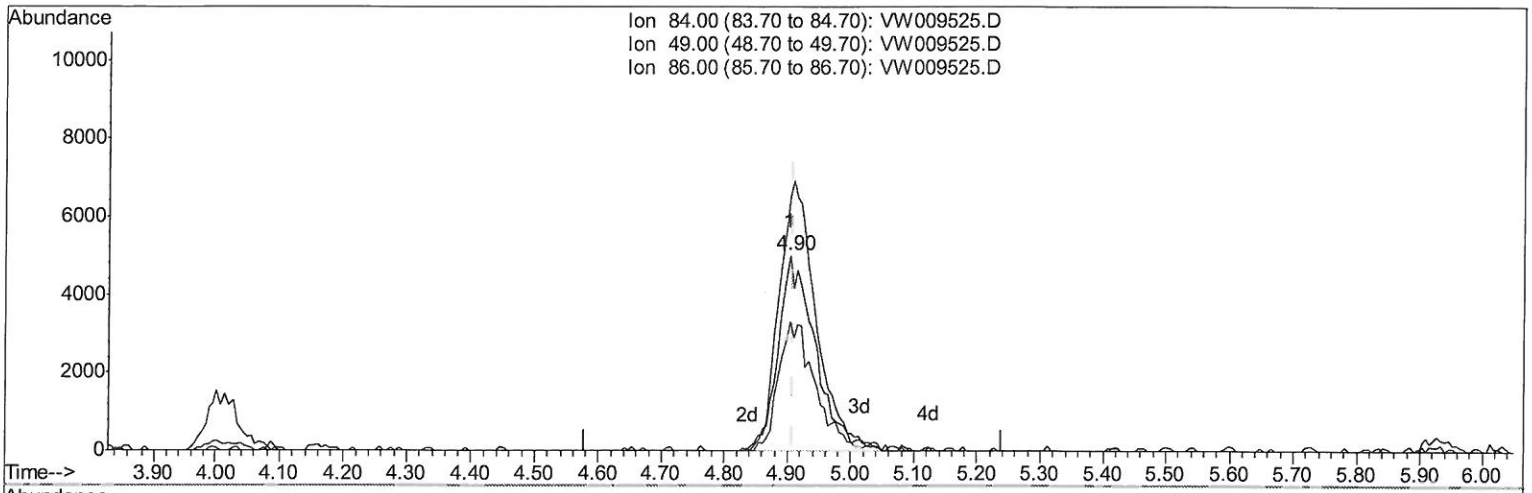

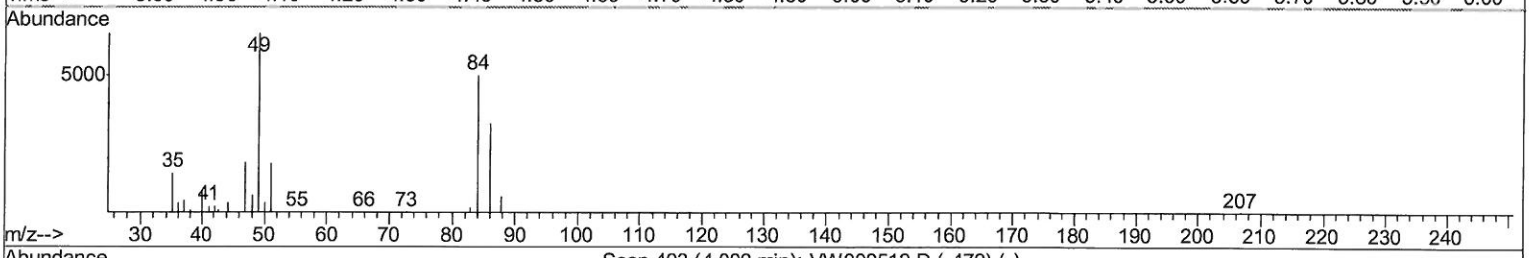

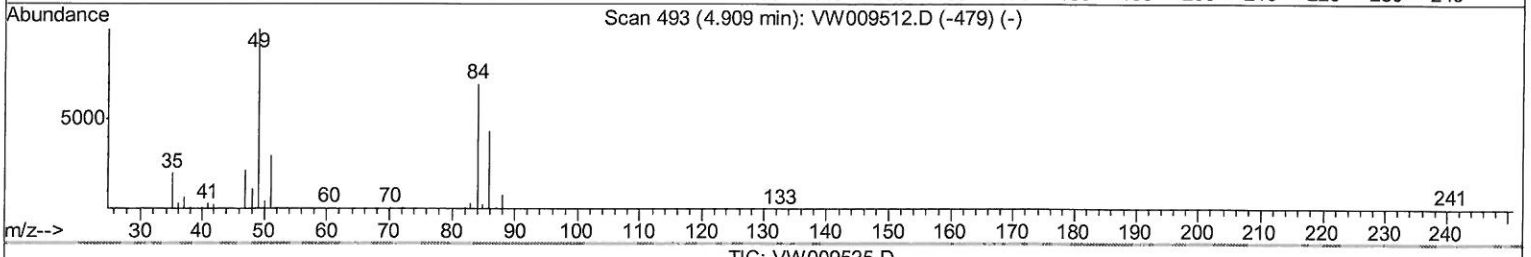

TIC: VW009525.D

(16) Methylene chloride (T)

4.903min (-0.006) 4.25ug/L m

response 20287

> MD 4/6/19

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	129.82
86.00	63.50	65.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327066	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66933	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	72746	18.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.44%			
7) Chloroethane-d5	2.89	69	88441	19.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.36%			
10) 1,1-Dichloroethene-d2	4.01	63	120347	14.25	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.00%			
20) 2-Butanone-d5	7.08	46	71720	44.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.74%			
24) Chloroform-d	7.64	84	210807	23.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.48%			
26) 1,2-Dichloroethane-d4	8.30	65	128690	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.72%			
29) Benzene-d6	8.27	84	345840	24.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.36%			
33) 1,2-Dichloropropane-d6	9.27	67	119594	28.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.12%			
37) Toluene-d8	10.32	98	265803	20.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.96%			
38) trans-1,3-Dichloropropene-	10.57	79	30144	14.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 56.28%			
39) 2-Hexanone-d5	10.93	63	39997	38.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.40%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89638	21.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.32%			
61) 1,2-Dichlorobenzene-d4	13.86	152	54931	21.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
13) Acetone	4.12	43	56475	42.606	ug/L	98
14) Carbon disulfide	4.37	76	6237m	0.575	ug/L	
16) Methylene chloride	4.90	84	20287m	4.253	ug/L	
21) 2-Butanone	7.17	43	24691	13.491	ug/L	97

MO 4/16/19

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009526.D
Acq On : 28 Mar 2019 03:44
Operator : SY/VA
Sample : K2068-22
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:45:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5J9

Manual Integrations APPROVED
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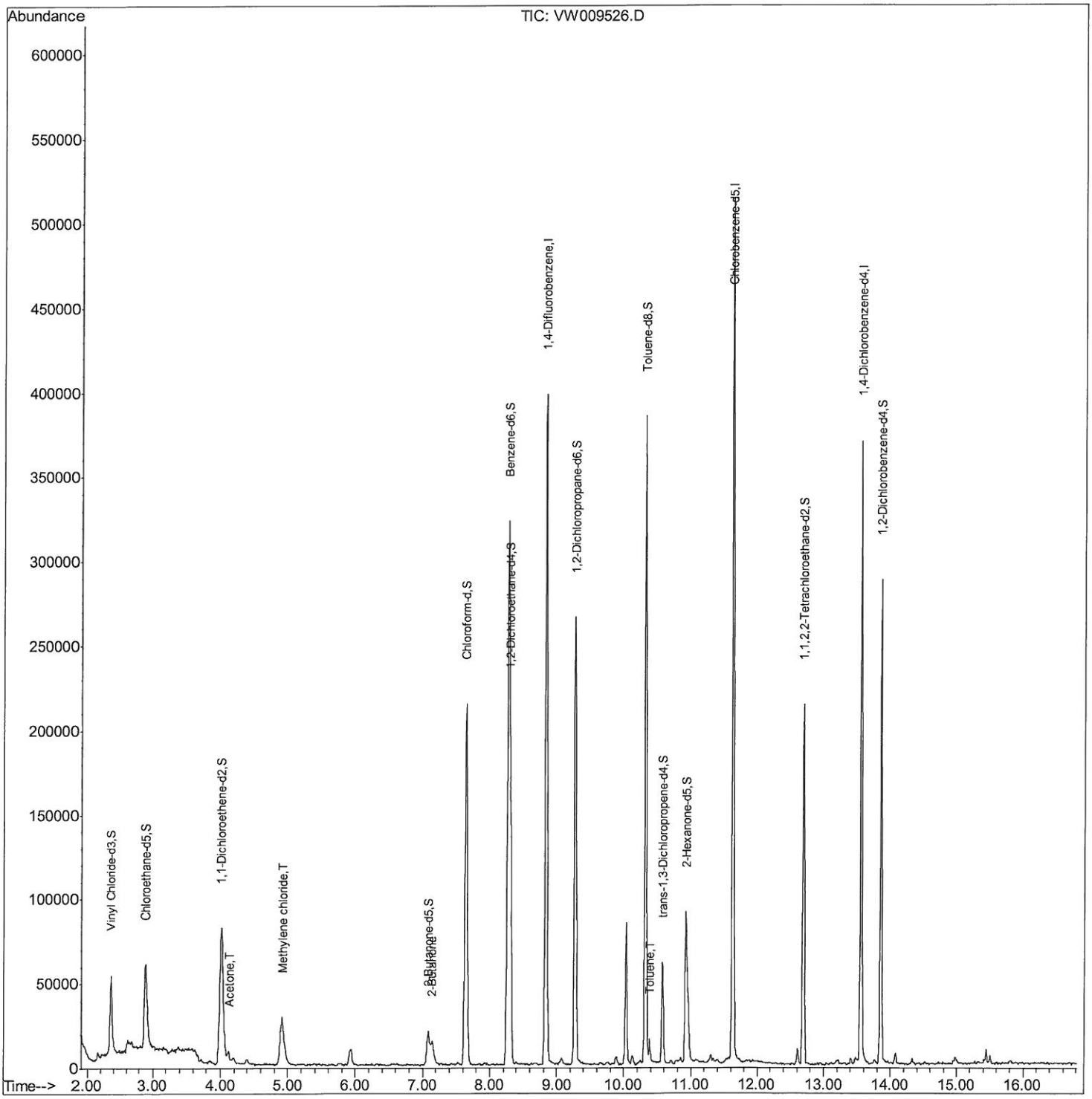

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009525.D
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Sample : K2068-21
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:46 2019
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Manual Integrations APPROVED
MMDadoda
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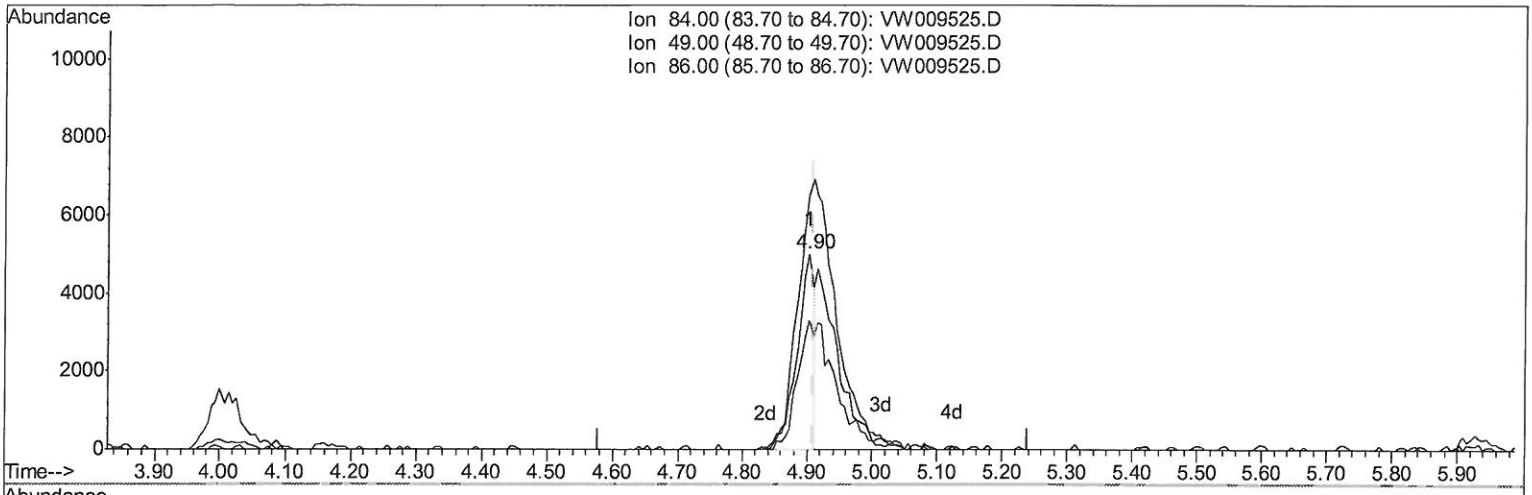

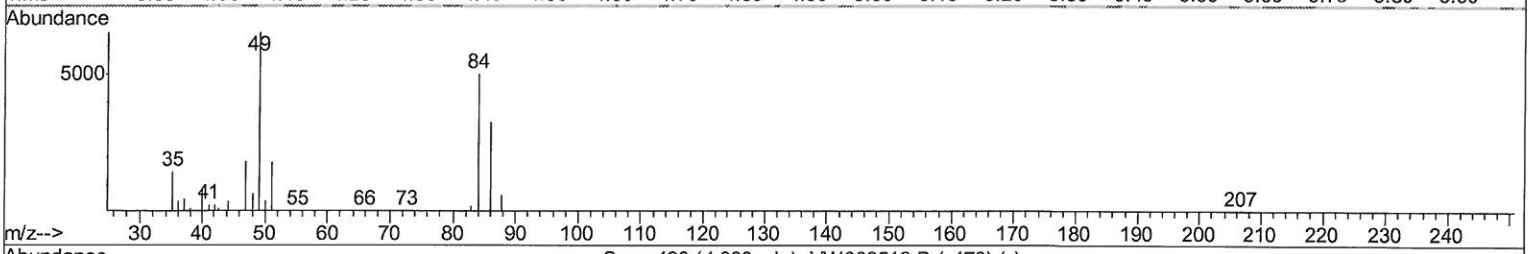

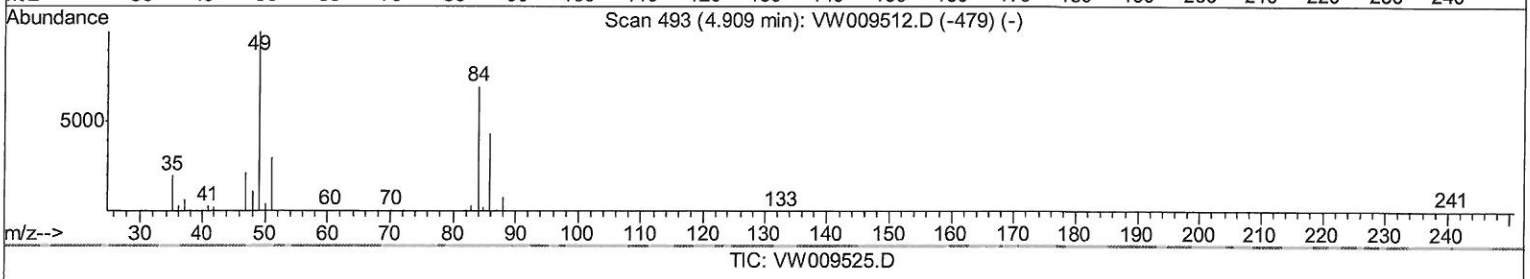

TIC: VW009525.D

(16) Methylene chloride (T)

4.903min (-0.006) 1.86ug/L

response 8874

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	129.82
86.00	63.50	65.79
0.00	0.00	0.00

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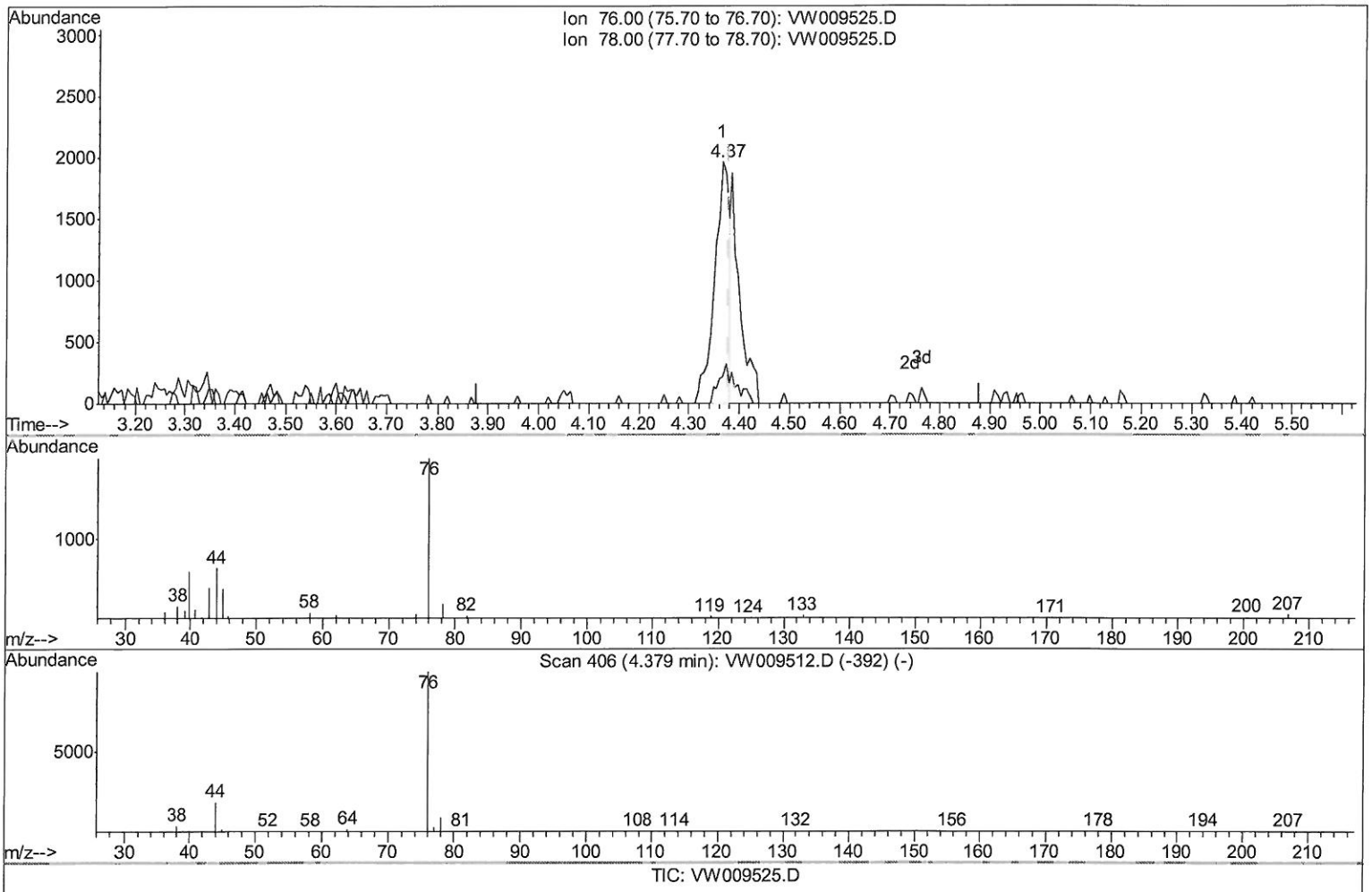

TIC: VW009525.D

(14) Carbon disulfide (T)

4.367min (-0.012) 0.36ug/L

response 3858

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.99#
0.00	0.00	0.00
0.00	0.00	0.00

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QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF5J9

Manual Integrations APPROVED
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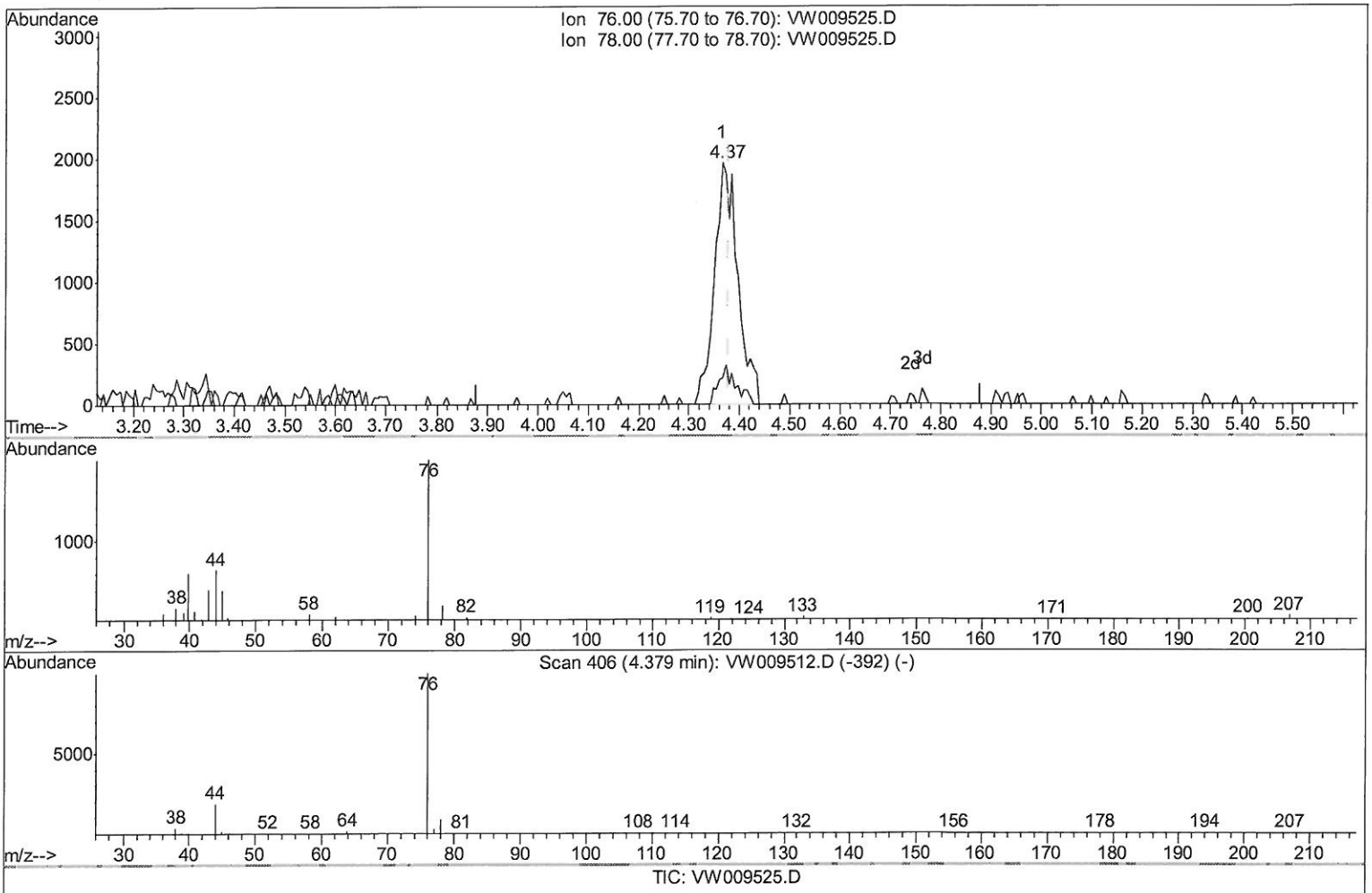

TIC: VW009525.D

(14) Carbon disulfide (T)

4.367min (-0.012) 0.58ug/L m

response 6237

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.99#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/6/19