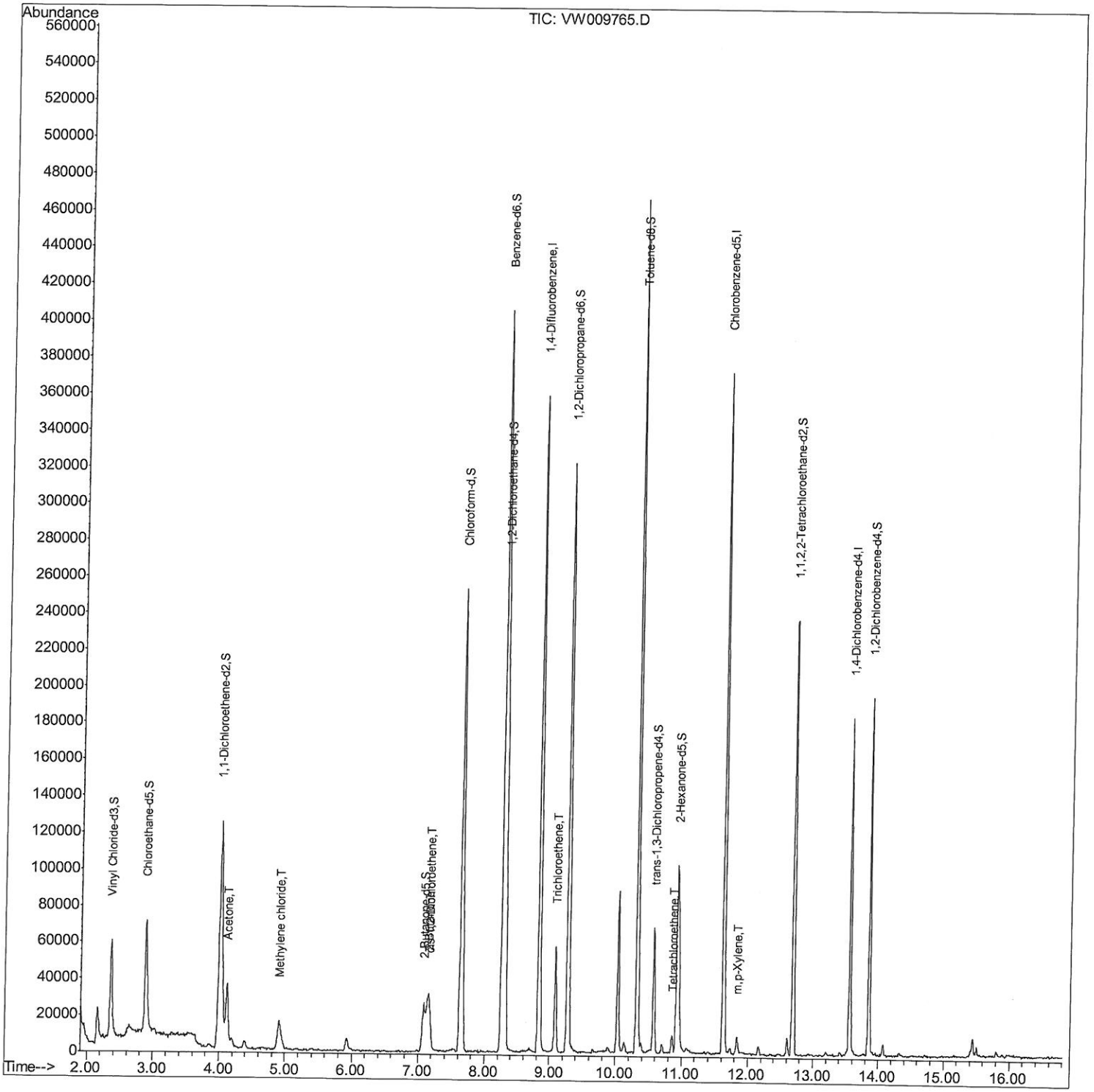
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009765.D
Acq On : 06 Apr 2019 11:51
Operator : SY/VA
Sample : K2259-03
Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 04:55:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETJ42

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:00 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
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Acq On : 06 Apr 2019 11:51
Operator : SY/VA
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Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 03:59:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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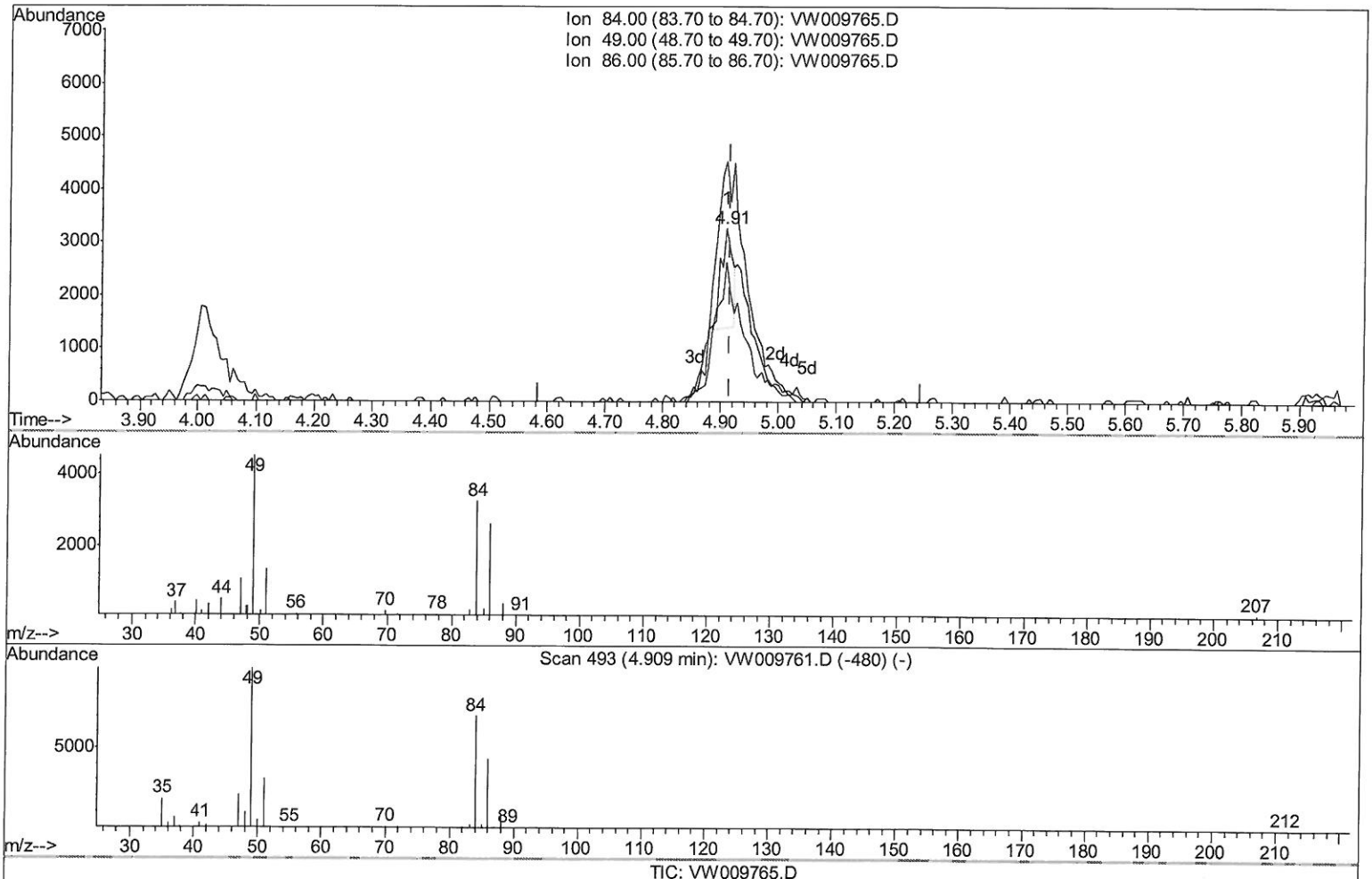

TIC: VW009765.D

(16) Methylene chloride (T)

4.909min (-0.006) 0.54ug/L

response 2578

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.64
86.00	66.30	80.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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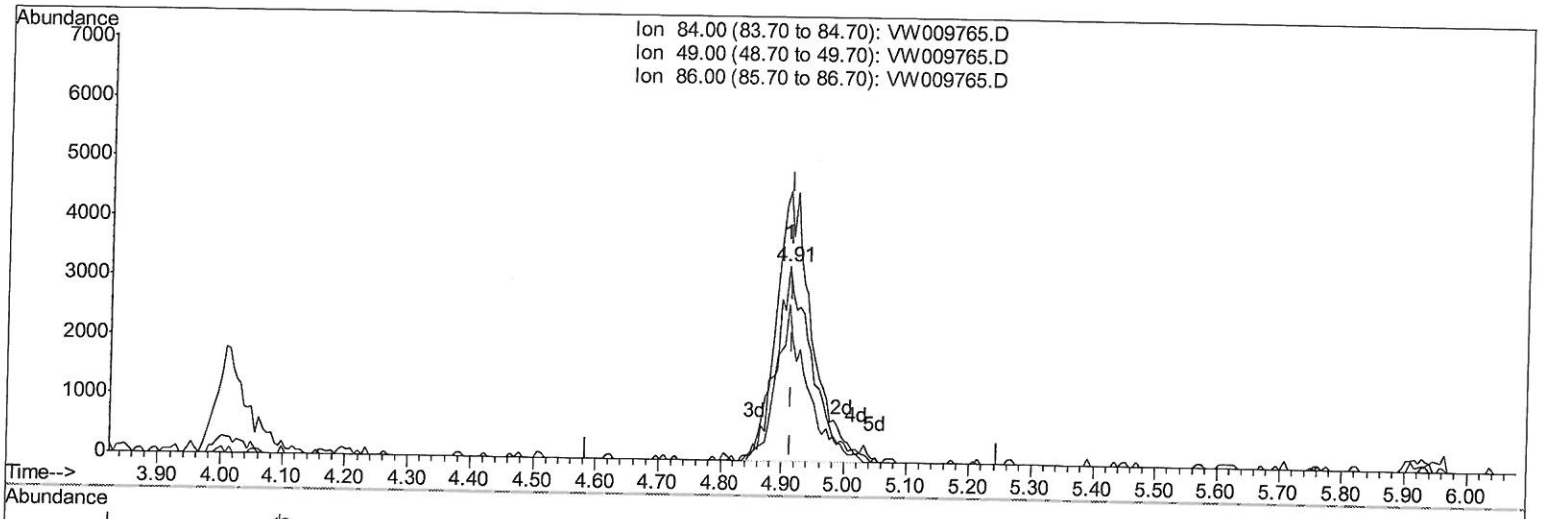

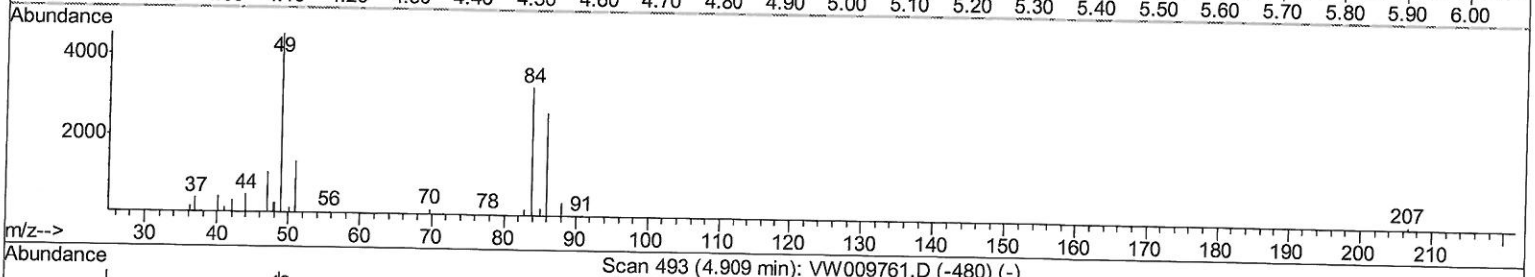

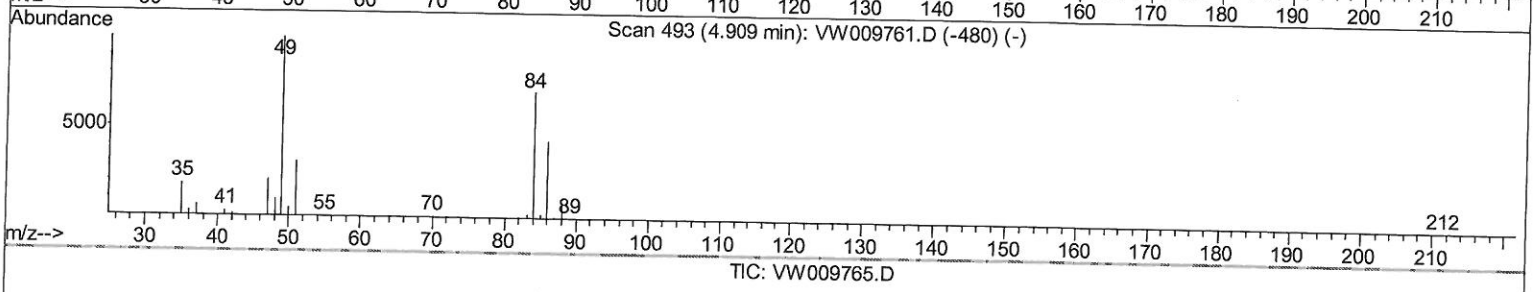

TIC: VW009765.D

(16) Methylene chloride (T)

4.909min (-0.006) 2.76ug/L m

response 13187

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.64
86.00	66.30	80.85
0.00	0.00	0.00

MO 4/9/19

Quantitation Report (Qedit)

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Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED
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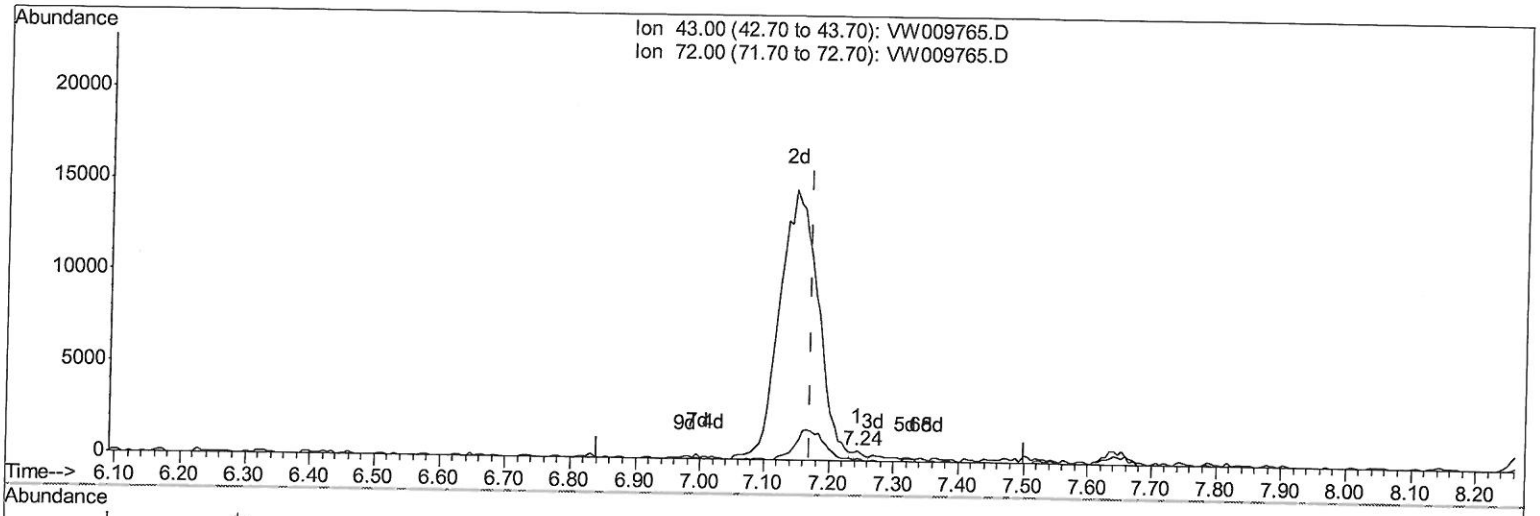
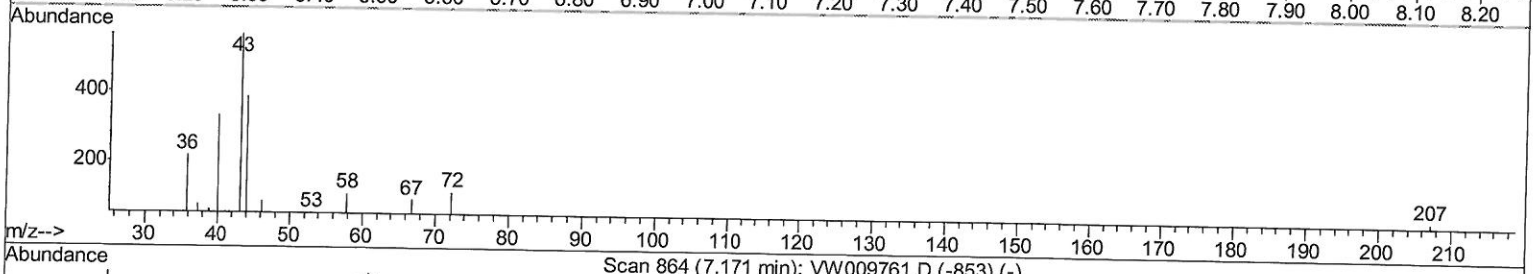
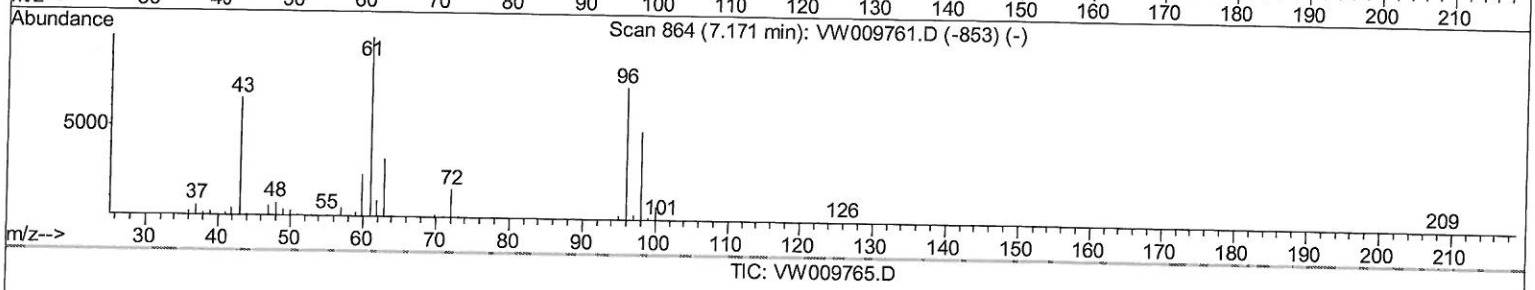
4/11/2019 11:43:00 AM







TIC: VW009765.D

(21) 2-Butanone

7.244min (+0.073) 0.32ug/L

response 500

Ion	Exp%	Act%
43.00	100	100
72.00	24.10	14.80
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
MSVOA_W
ClientSampleId :
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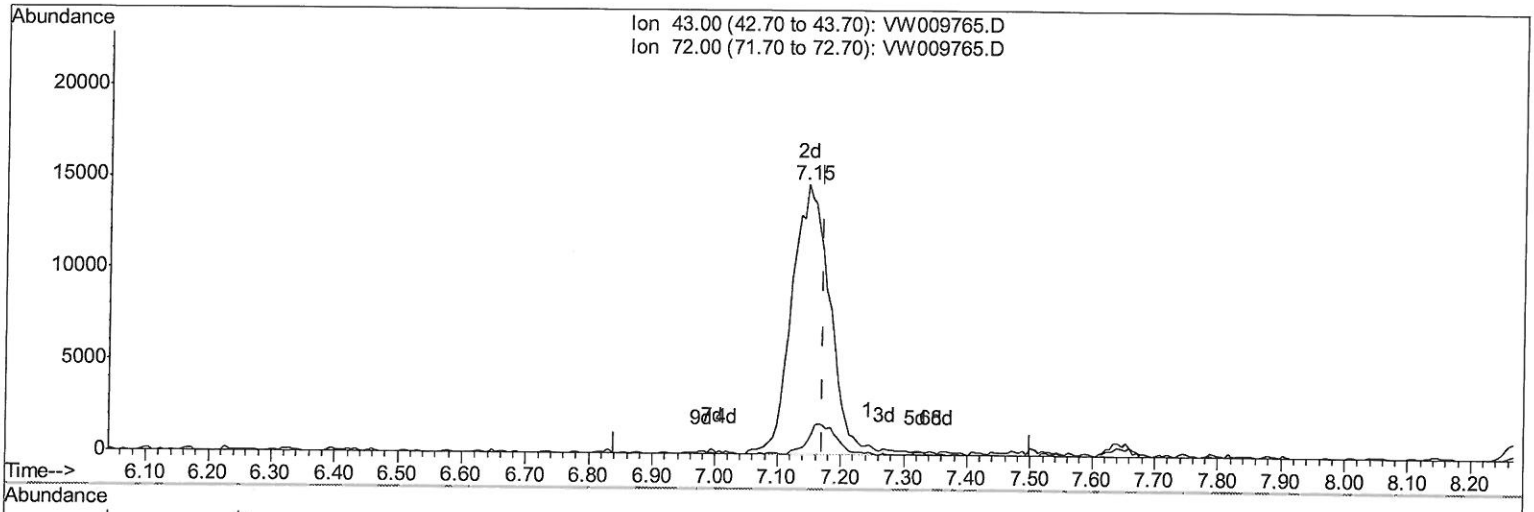
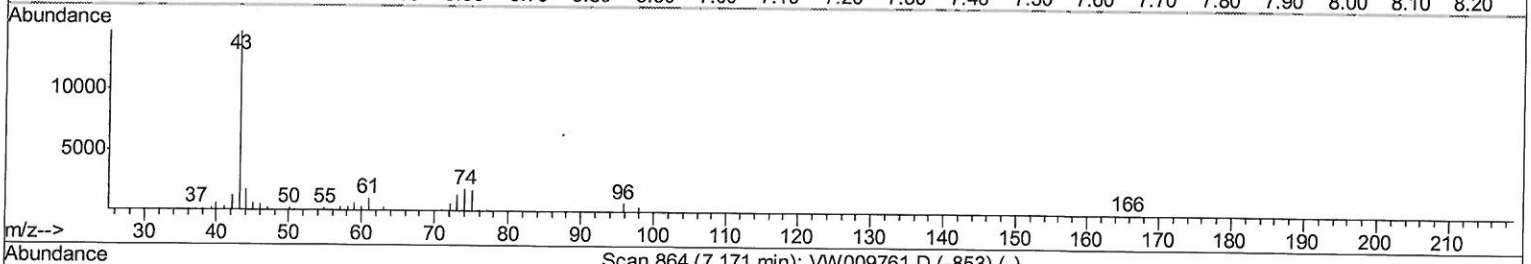
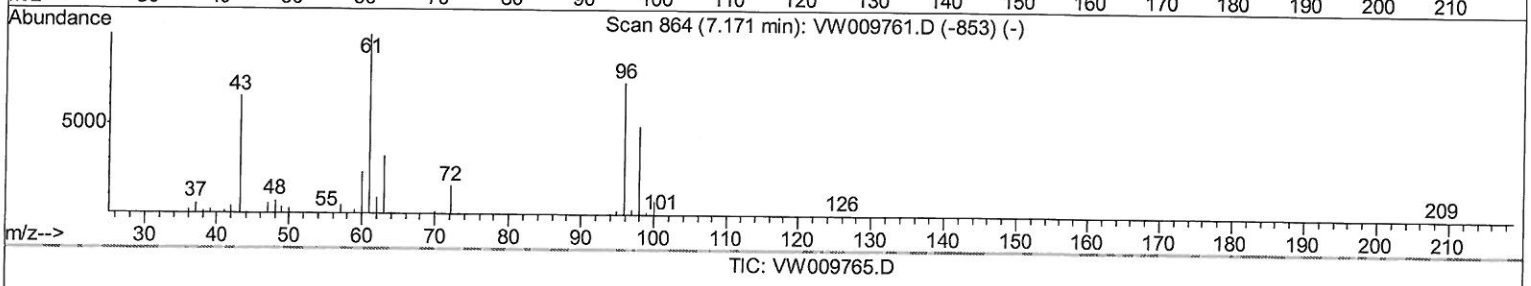
Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:00 AM







TIC: VW009765.D

(21) 2-Butanone

7.147min (-0.024) 39.14ug/L m

response 61306

7MD 4/9/19

Ion	Exp%	Act%
43.00	100	100
72.00	24.10	0.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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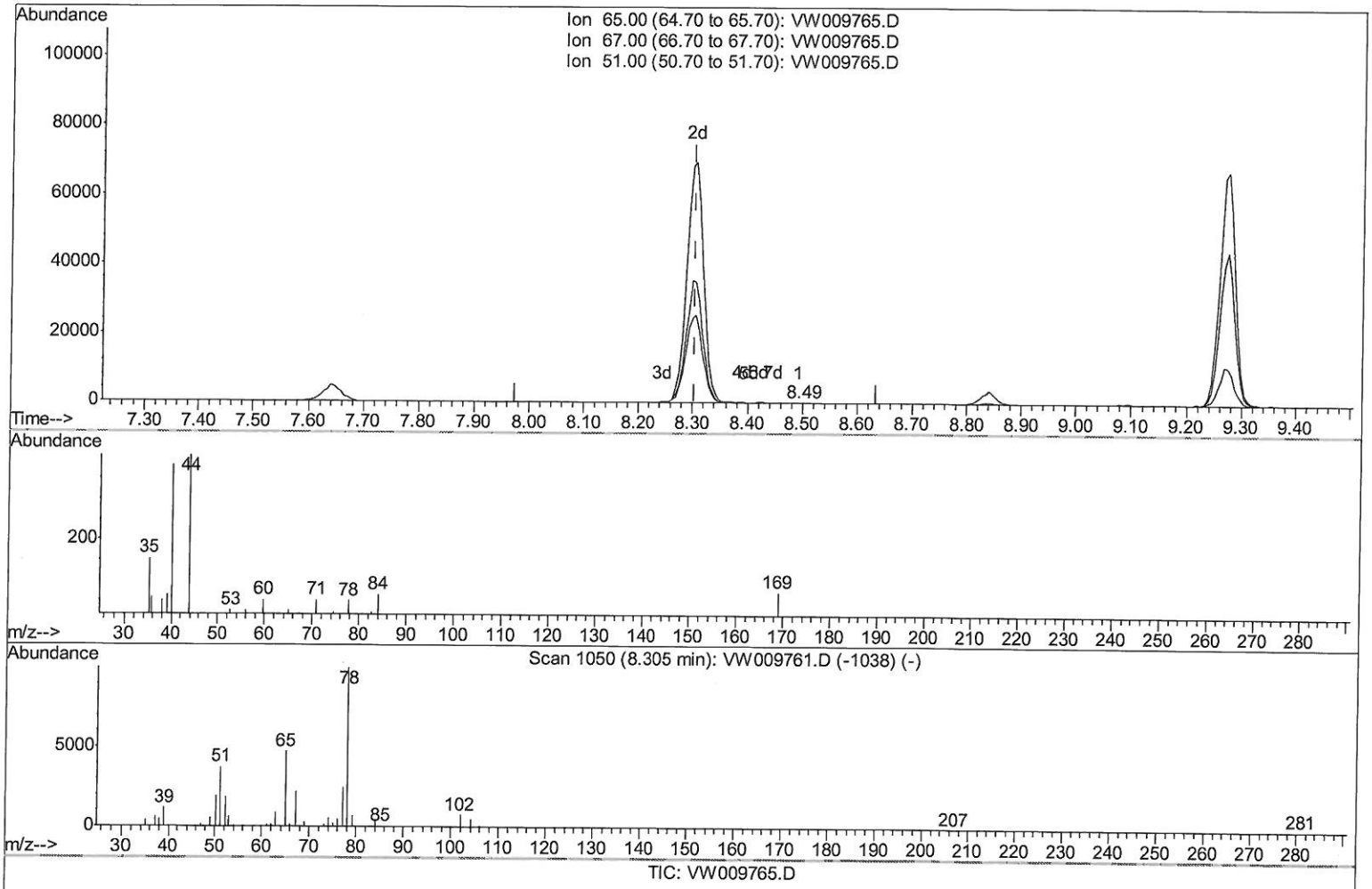
Data File : VW009765.D
Acq On : 06 Apr 2019 11:51
Operator : SY/VA
Sample : K2259-03
Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 04:49:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETJ42

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:00 AM



TIC: VW009765.D

(26) 1,2-Dichloroethane-d4 (S)

8.494min (+0.189) 0.01ug/L

response 43

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	48.84
51.00	109.90	100.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
MMDadoda
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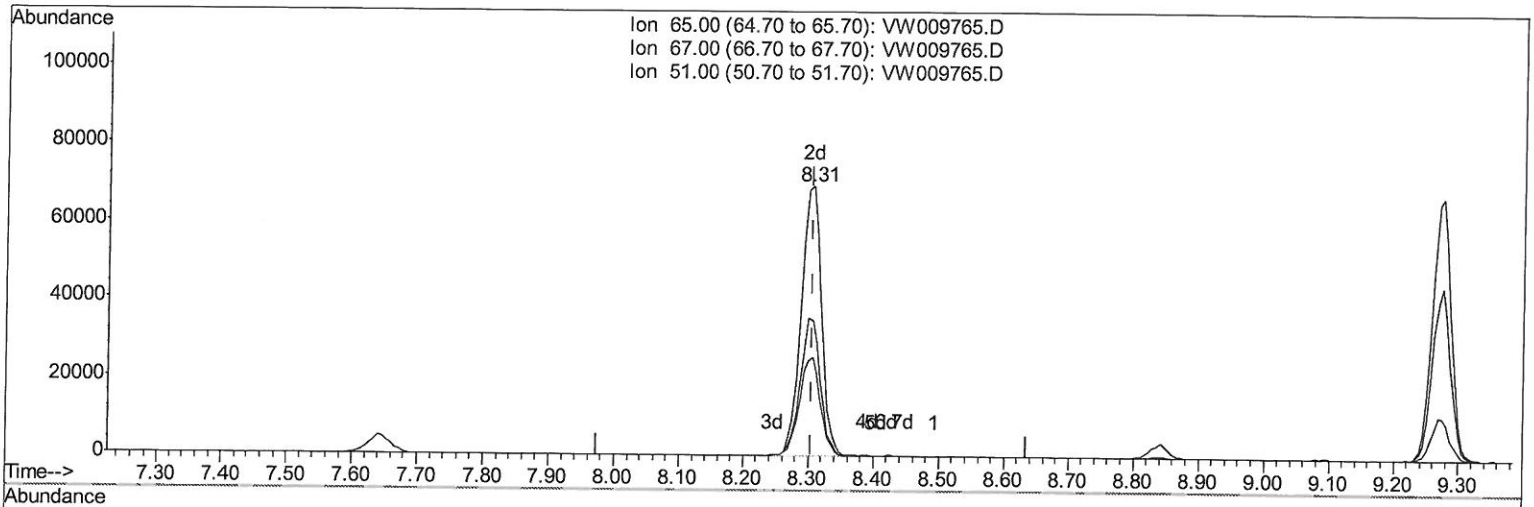

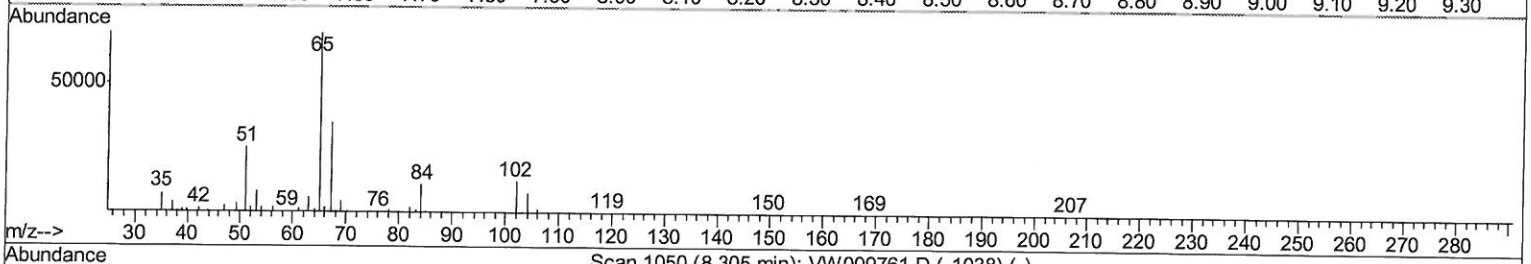

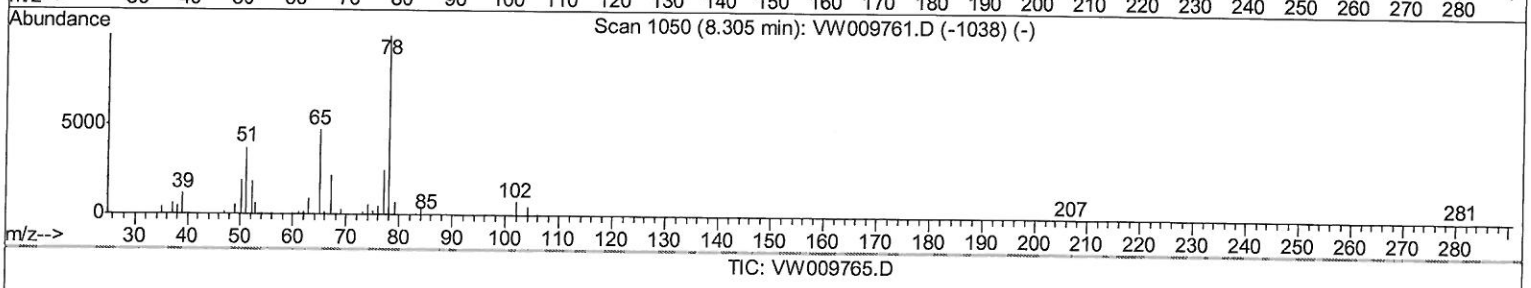

TIC: VW009765.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 33.15ug/L m

response 150261

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.01#
51.00	109.90	0.03#
0.00	0.00	0.00

MD 4/9/19

Quantitation Report (QT Reviewed)

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QLast Update : Sun Apr 07 03:56:20 2019
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Instrument : MSVOA_W
ClientSampleId : ETJ42

Manual Integrations APPROVED
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4/11/2019 11:43:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	193297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44011	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	77383	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.44%			
7) Chloroethane-d5	2.89	69	86398	26.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.56%			
10) 1,1-Dichloroethene-d2	4.01	63	151076	19.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.36%			
20) 2-Butanone-d5	7.08	46	39939	34.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.50%			
24) Chloroform-d	7.65	84	230877	31.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 125.08%			
26) 1,2-Dichloroethane-d4	8.31	65	150261m	33.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 132.60%#			
29) Benzene-d6	8.27	84	389311	38.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 153.48%#			
33) 1,2-Dichloropropane-d6	9.27	67	134245	42.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 171.32%#			
37) Toluene-d8	10.32	98	284908	30.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.48%			
38) trans-1,3-Dichloropropene-	10.58	79	34827	23.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.20%			
39) 2-Hexanone-d5	10.93	63	24968	42.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.54%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111141	38.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 152.56%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	45626	29.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.16%			

Target Compounds						Qvalue
13) Acetone	4.12	43	58529	47.522	ug/L	99
16) Methylene chloride	4.91	84	13187m	2.764	ug/L	
21) 2-Butanone	7.15	43	61306m	39.139	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	3012	0.754	ug/L	90
35) Trichloroethene	9.09	95	17684	5.810	ug/L	97
47) Tetrachloroethene	10.85	164	1649	0.688	ug/L	90
54) m,p-Xylene	11.83	106	2076	0.400	ug/L	98

MD 4/9/19

MD 4/9/19

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