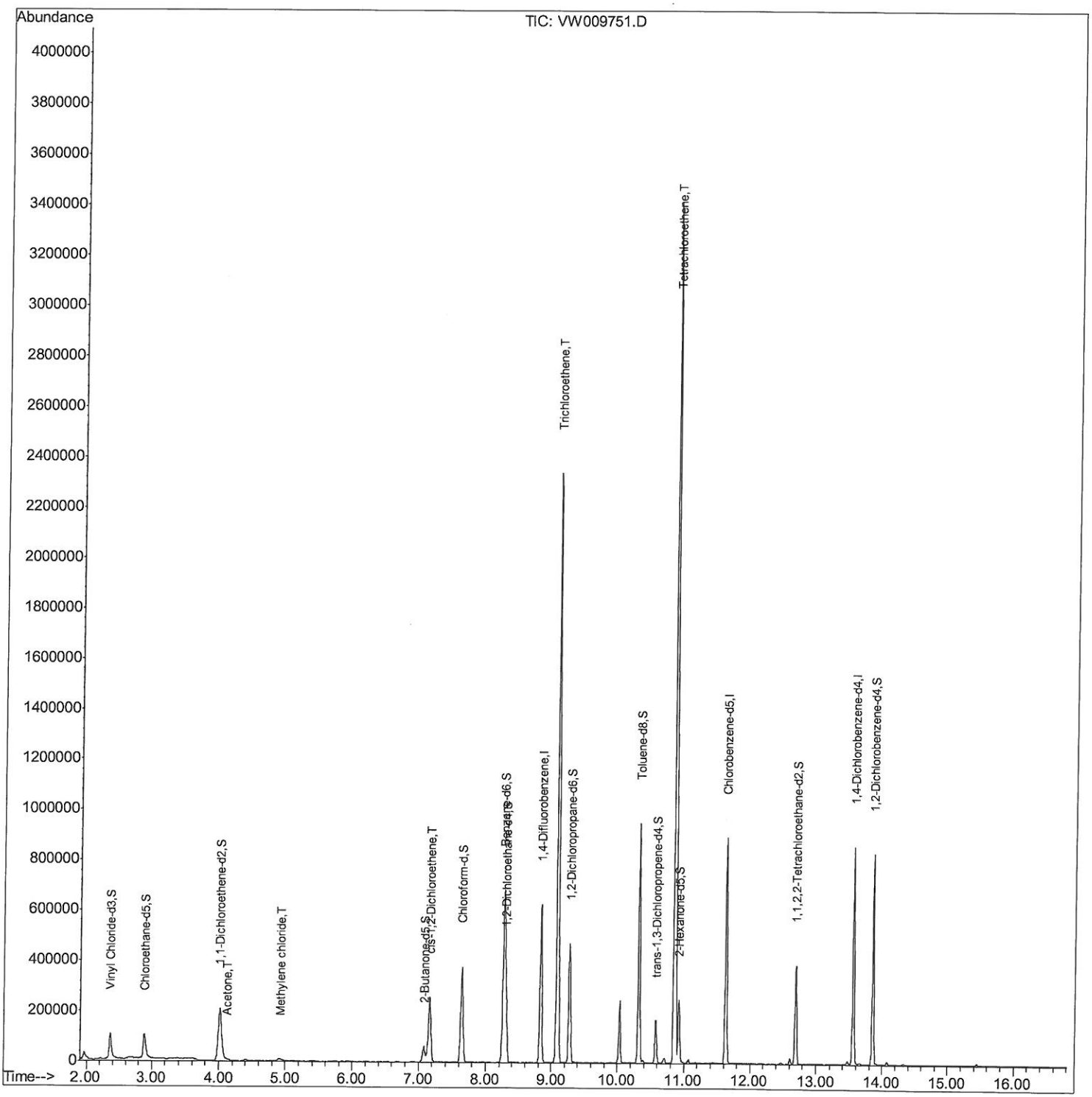
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009751.D
Acq On : 06 Apr 2019 02:30
Operator : SY/VA
Sample : K2277-11
Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 06:47:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF174

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:51 AM



Quantitation Report (Qedit)

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Operator : SY/VA
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Quant Time: Apr 06 06:46:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

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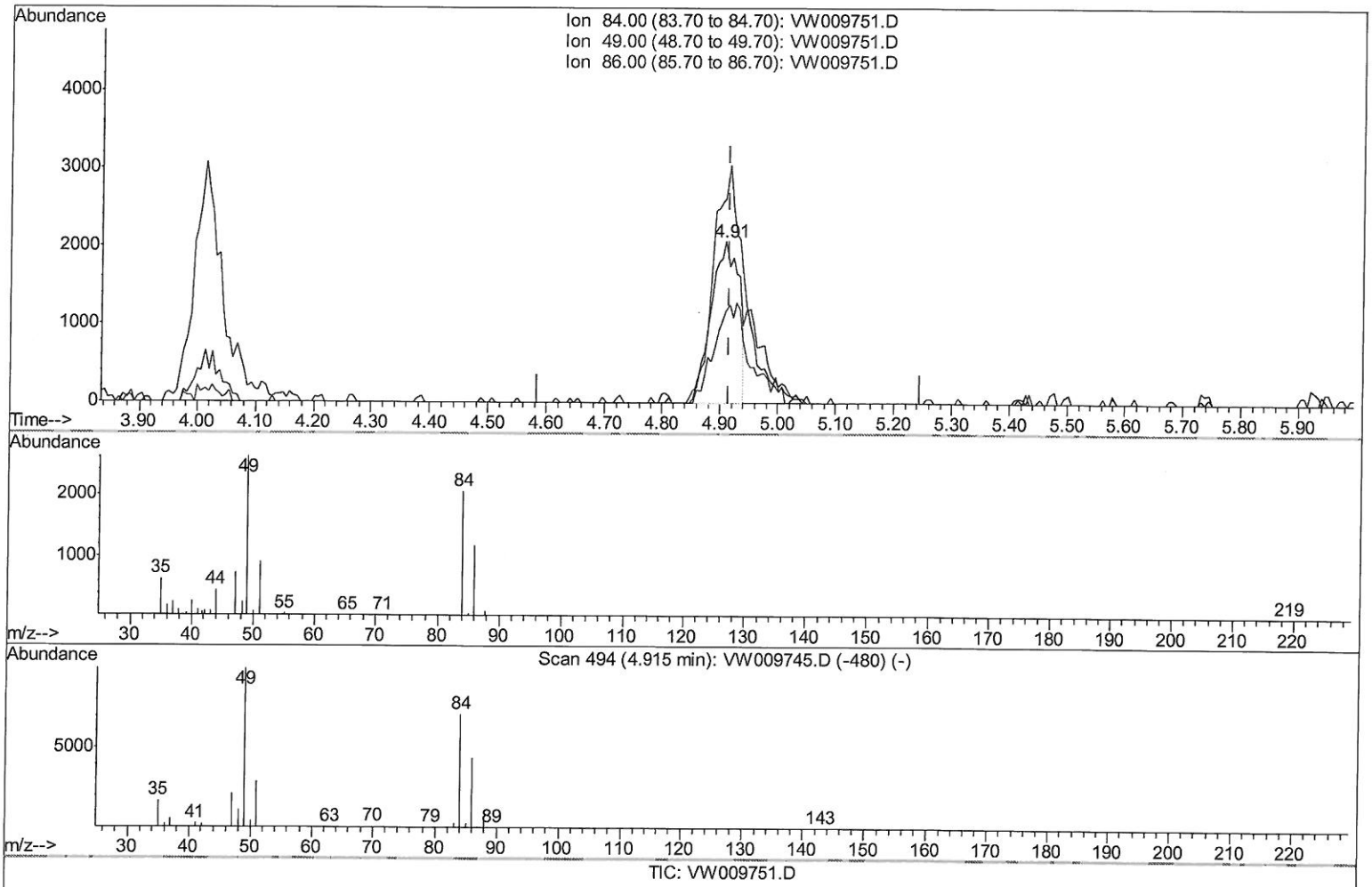

TIC: VW009751.D

(16) Methylene chloride (T)

4.909min (-0.006) 0.81ug/L

response 6865

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	126.90
86.00	66.30	57.15
0.00	0.00	0.00

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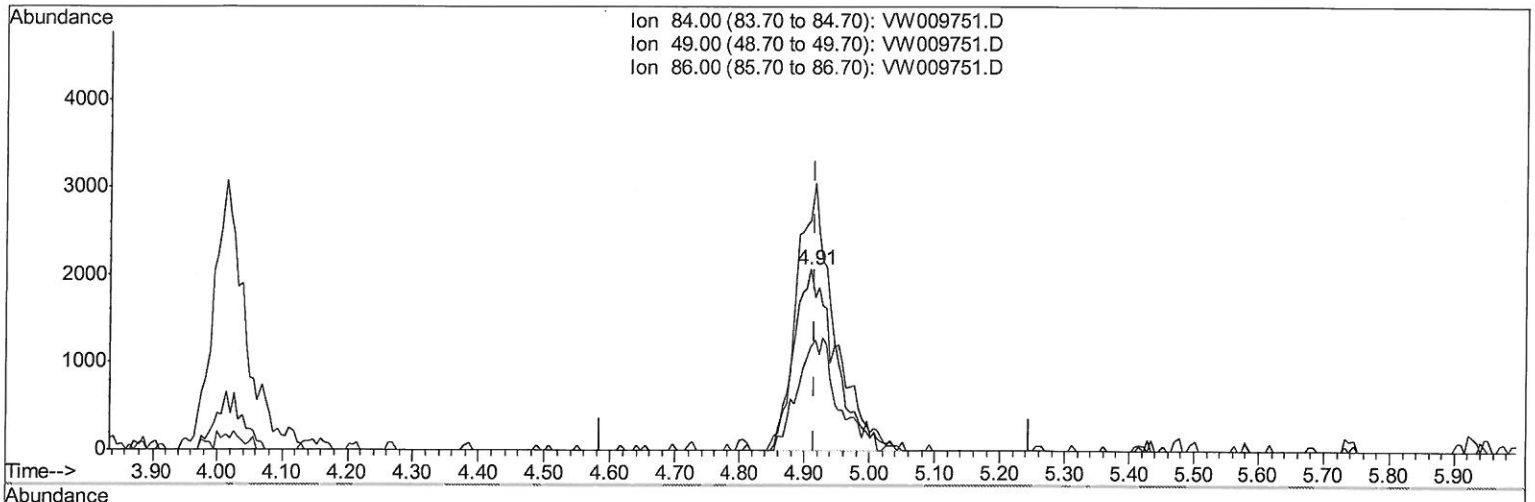
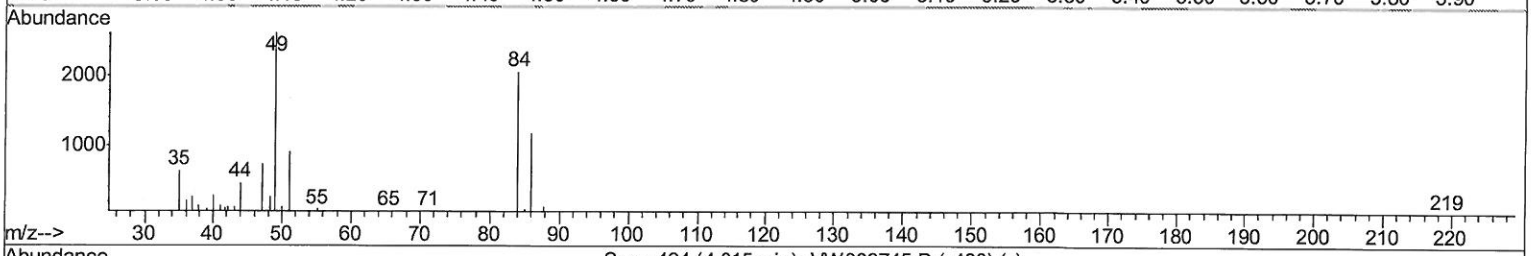
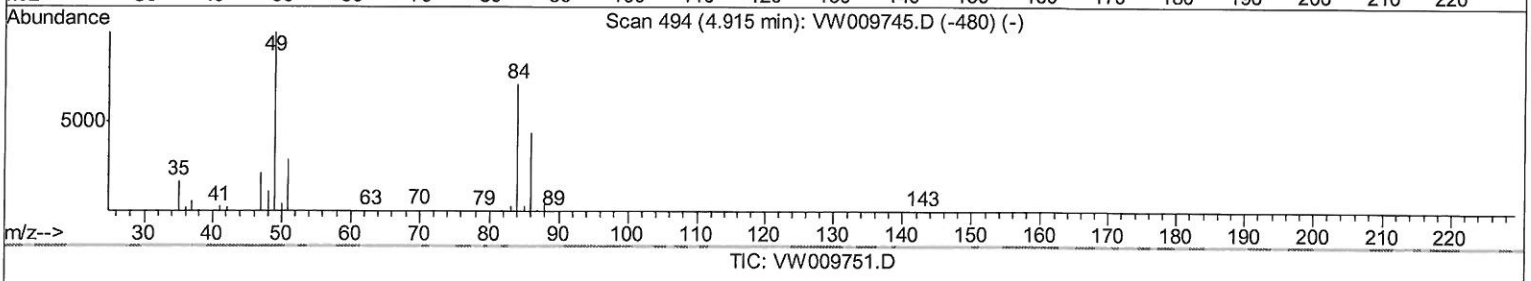
MMDadoda
4/11/2019 11:42:51 AM







TIC: VW009751.D

(16) Methylene chloride (T)

4.909min (-0.006) 1.07ug/L m

response 9070

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	126.90
86.00	66.30	57.15
0.00	0.00	0.00

> MD 4/9/19

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Instrument : MSVOA_W
ClientSampleId : BF174

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:51 AM

Quant Time: Apr 06 06:47:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	480395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197895	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	149728	23.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.28%			
7) Chloroethane-d5	2.89	69	139432	24.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.84%			
10) 1,1-Dichloroethene-d2	4.01	63	257995	19.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.32%			
20) 2-Butanone-d5	7.08	46	101663	49.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.62%			
24) Chloroform-d	7.64	84	341232	26.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.12%			
26) 1,2-Dichloroethane-d4	8.31	65	213533	26.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.12%			
29) Benzene-d6	8.27	84	651773	26.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.64%			
33) 1,2-Dichloropropane-d6	9.27	67	197790	26.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.76%			
37) Toluene-d8	10.32	98	585410	26.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.56%			
38) trans-1,3-Dichloropropene-	10.58	79	85381	23.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.72%			
39) 2-Hexanone-d5	10.93	63	80194	56.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.76%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	174748	25.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	200782	28.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.64%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6380	2.917	ug/L	61
16) Methylene chloride	4.91	84	9070m	1.071	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	130051	18.324	ug/L	99
35) Trichloroethene	9.09	95	756756	104.174	ug/L	100
47) Tetrachloroethene	10.86	164	685160	119.755	ug/L	98

MD 4/9/19

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