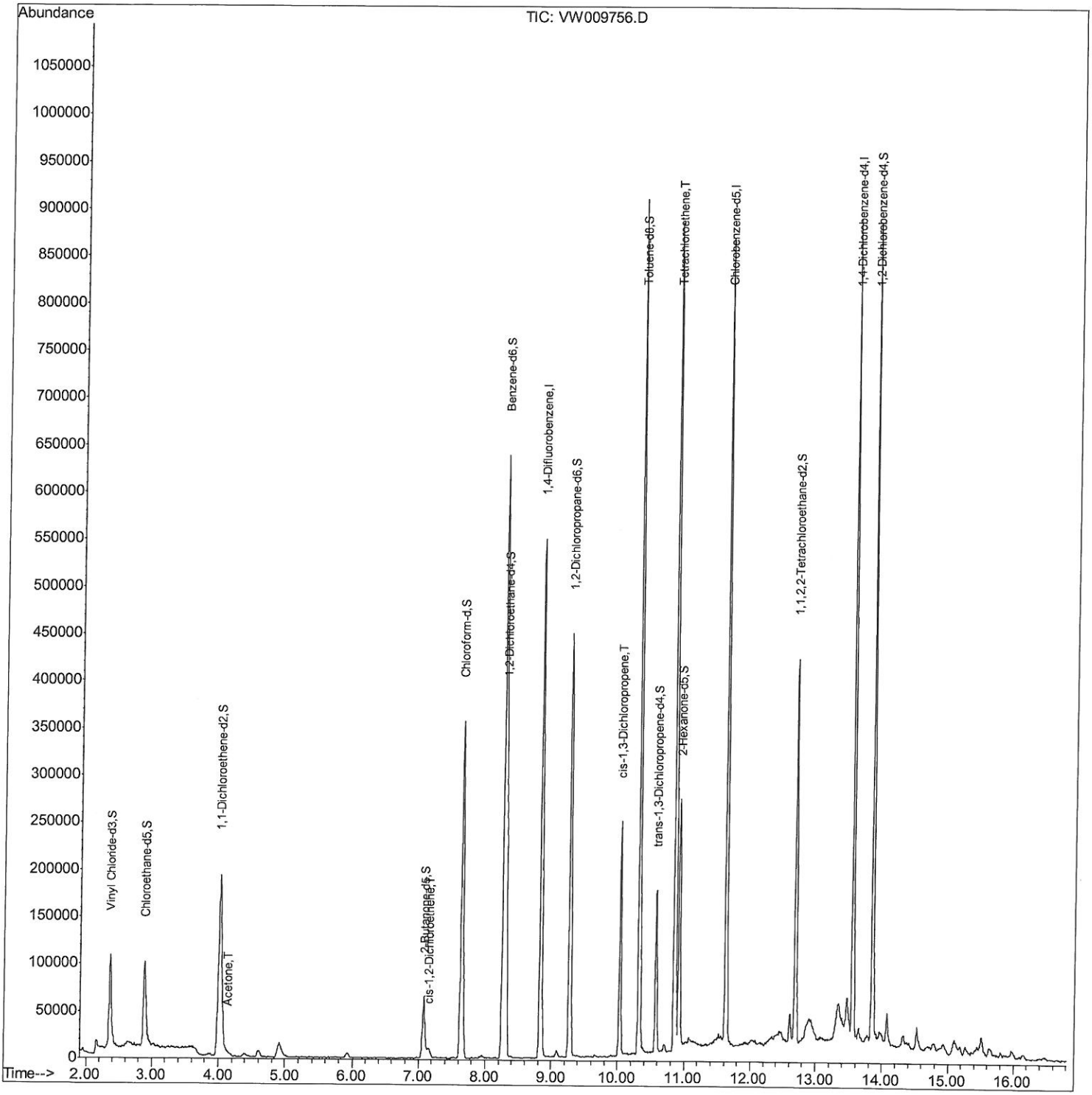
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009756.D
Acq On : 06 Apr 2019 04:47
Operator : SY/VA
Sample : K2276-18
Misc : 5.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 07:22:15 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 :
BF145

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:53 AM



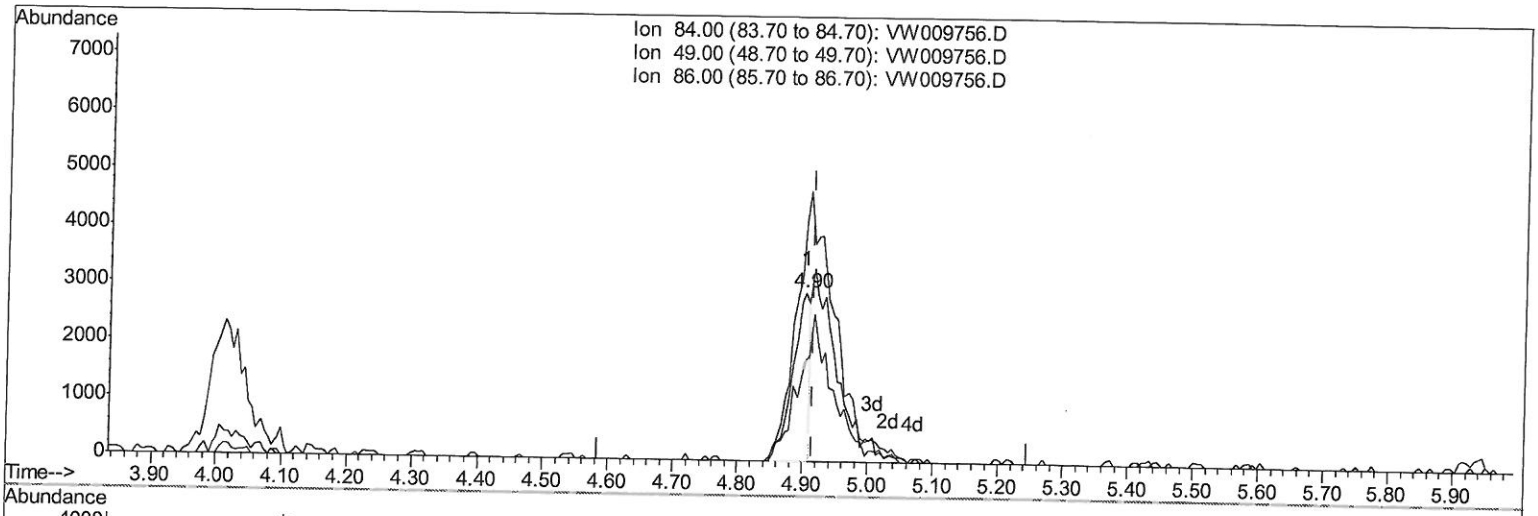
Quantitation Report (Qedit)

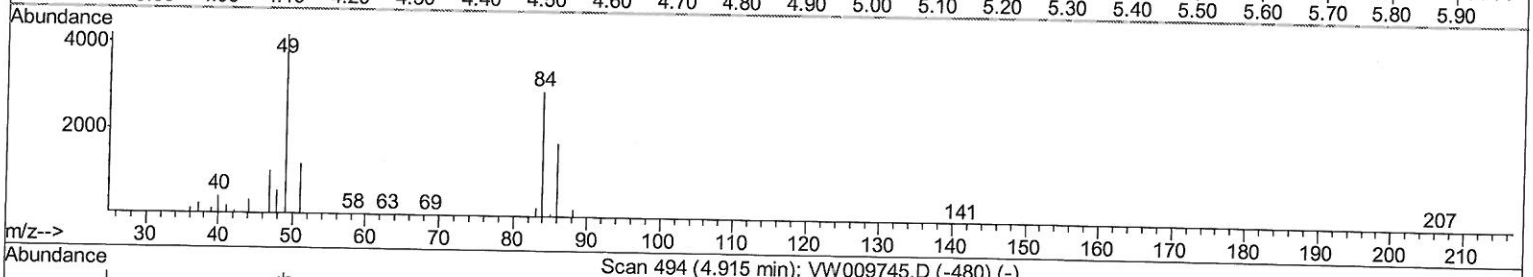
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009756.D
Acq On : 06 Apr 2019 04:47
Operator : SY/VA
Sample : K2276-18
Misc : 5.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

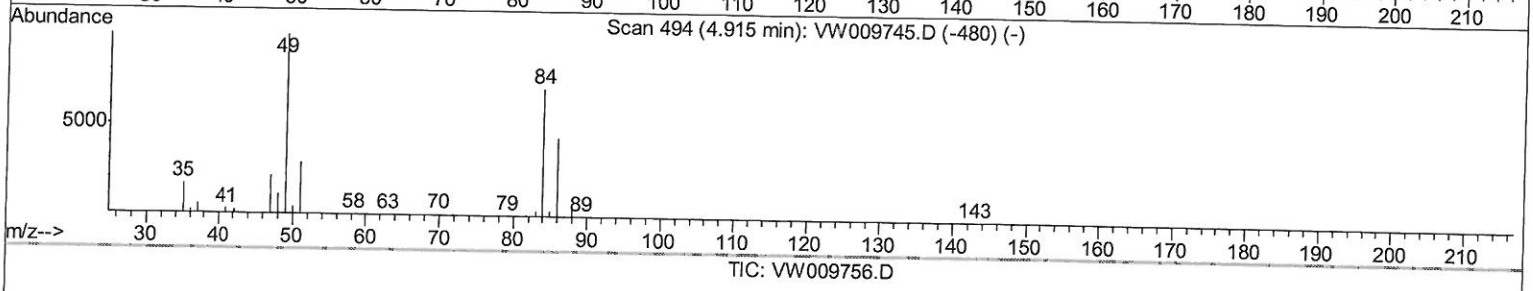
Quant Time: Apr 06 05:40:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF145

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:53 AM







TIC: VW009756.D

(16) Methylene chloride (T)

4.903min (-0.012) 0.74ug/L

response 5493

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	141.90
86.00	66.30	59.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
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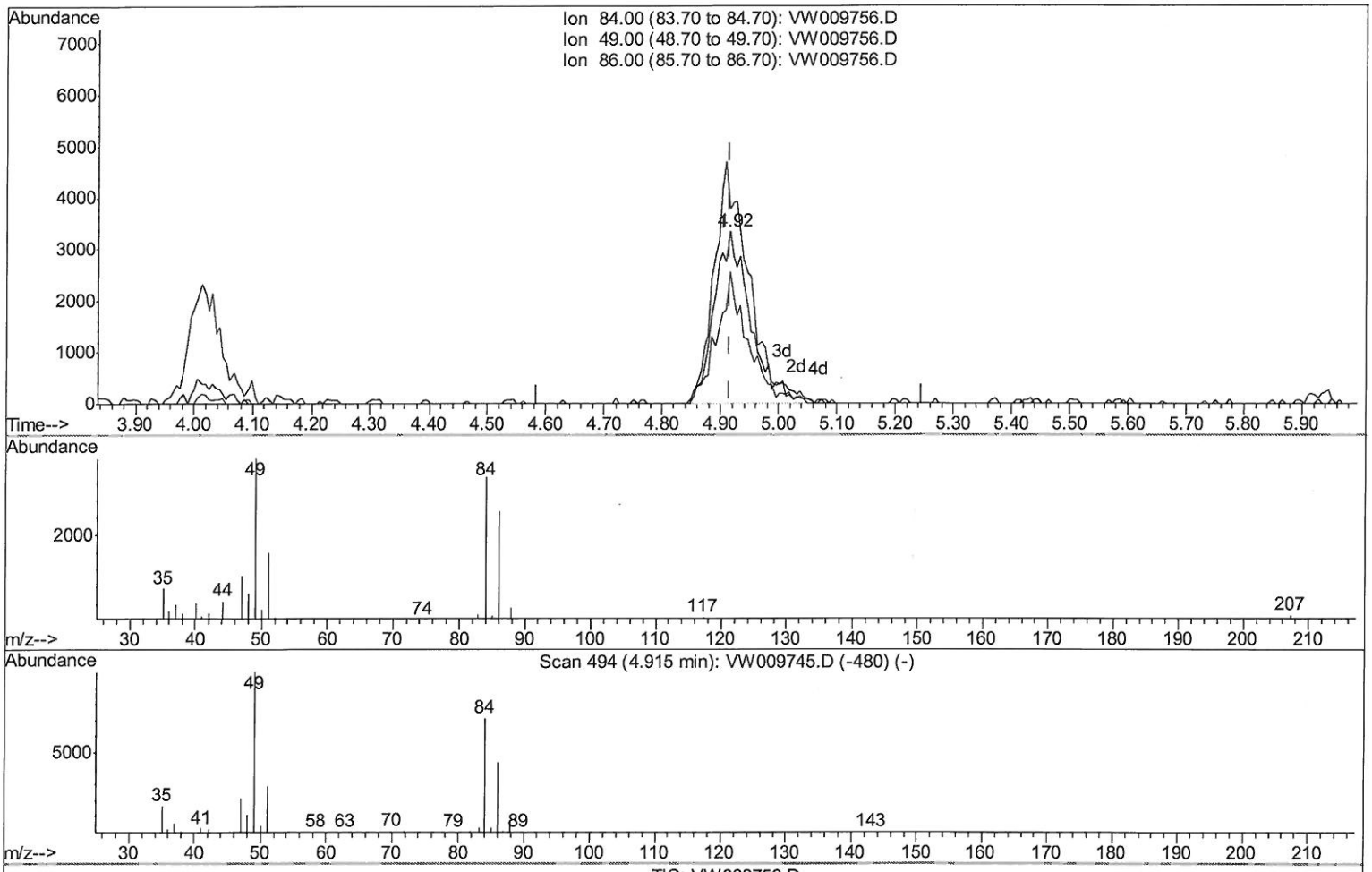
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF145

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:53 AM



TIC: VW009756.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.93ug/L m

response 14396

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	113.23
86.00	66.30	76.56
0.00	0.00	0.00

MD 4/9/19

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009756.D
Acq On : 06 Apr 2019 04:47
Operator : SY/VA
Sample : K2276-18
Misc : 5.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 07:23:31 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 : BF145

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203893	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	154322	27.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.80%			
7) Chloroethane-d5	2.89	69	130751	25.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.40%			
10) 1,1-Dichloroethene-d2	4.01	63	245100	20.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.56%			
20) 2-Butanone-d5	7.08	46	109941	61.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.66%			
24) Chloroform-d	7.64	84	324414	28.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.72%			
26) 1,2-Dichloroethane-d4	8.31	65	208994	29.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.28%			
29) Benzene-d6	8.27	84	614327	27.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.40%			
33) 1,2-Dichloropropane-d6	9.27	67	191410	27.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.32%			
37) Toluene-d8	10.32	98	564693	26.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.76%			
38) trans-1,3-Dichloropropene-	10.57	79	85976	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.96%			
39) 2-Hexanone-d5	10.92	63	82199	62.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.56%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180889	27.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	211827	29.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.44%			
Target Compounds						Qvalue
13) Acetone	4.13	43	4944	2.574	ug/L	92
16) Methylene chloride	4.92	84	14396m	1.935	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	3142	0.504	ug/L	77
42) cis-1,3-Dichloropropene	10.04	75	6725	0.653	ug/L	86
47) Tetrachloroethene	10.86	164	187216	34.955	ug/L	96

MD 4/9/19

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