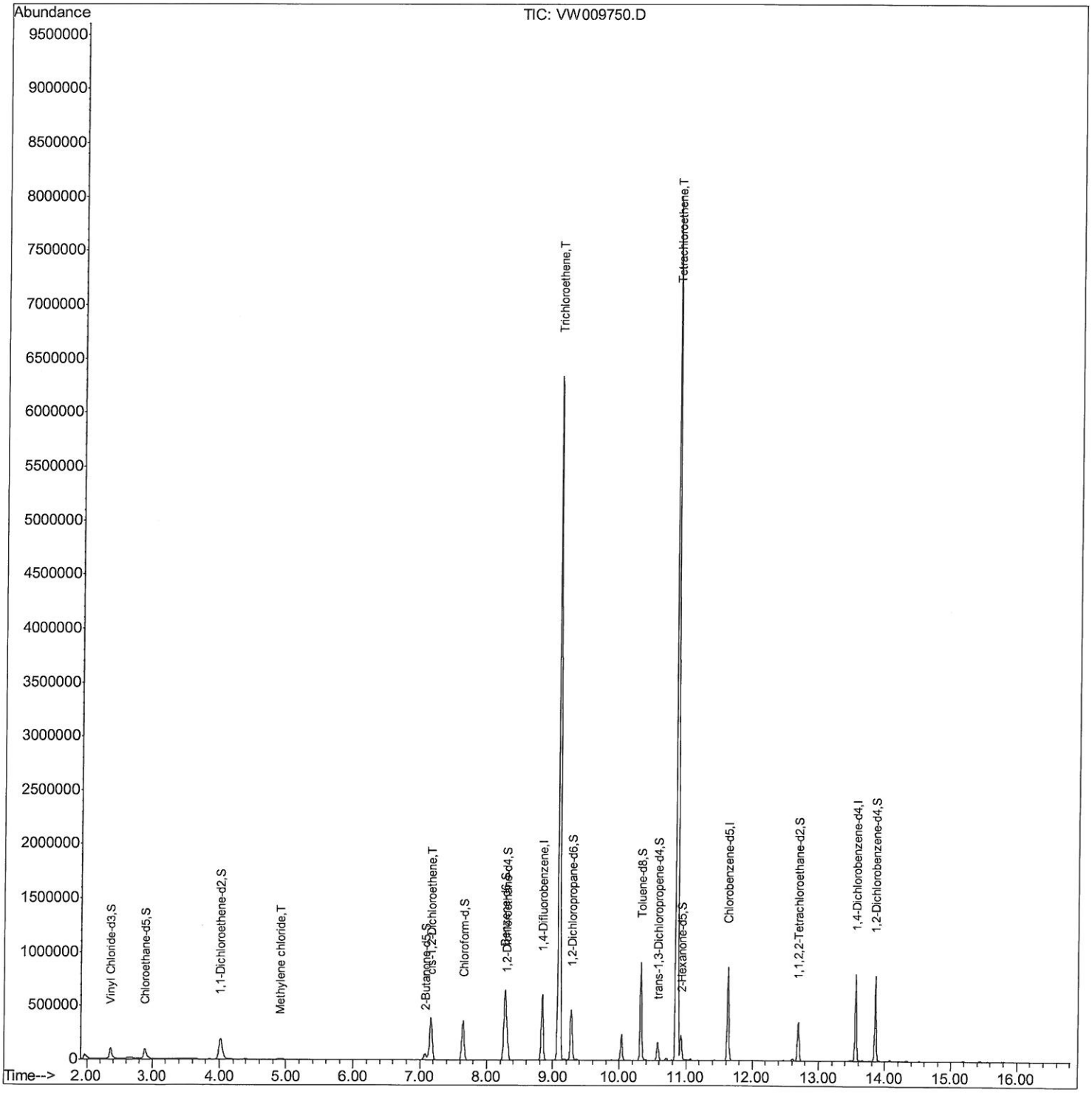
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 06:48:34 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 :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM



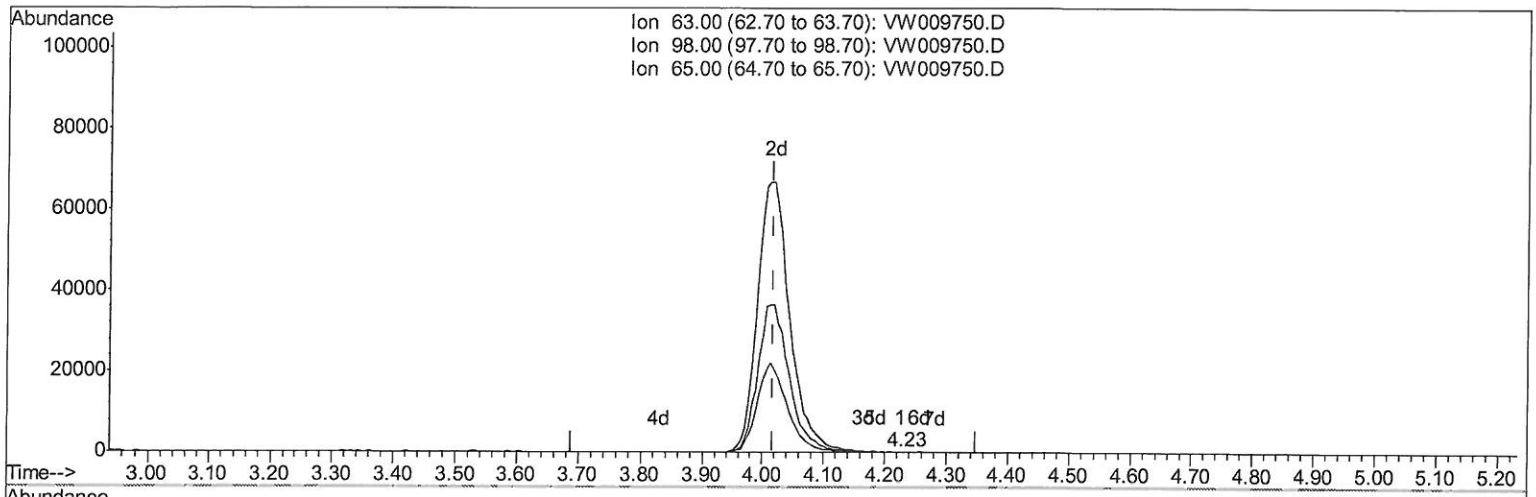
Quantitation Report (Qedit)

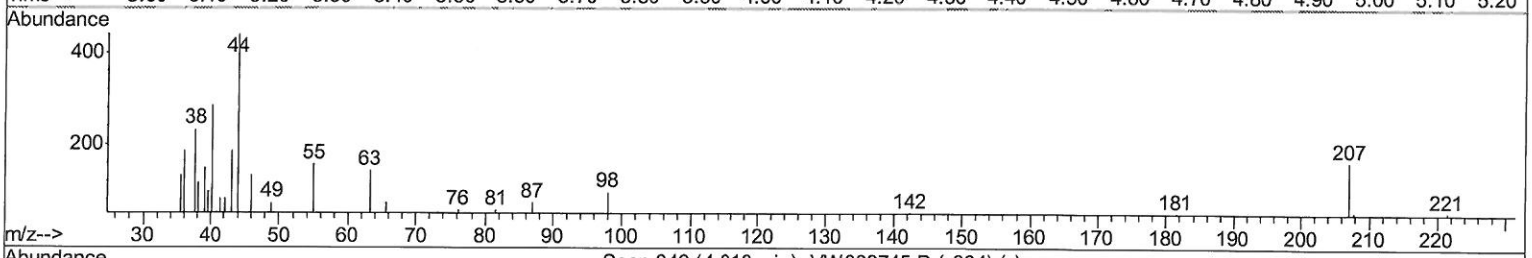
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

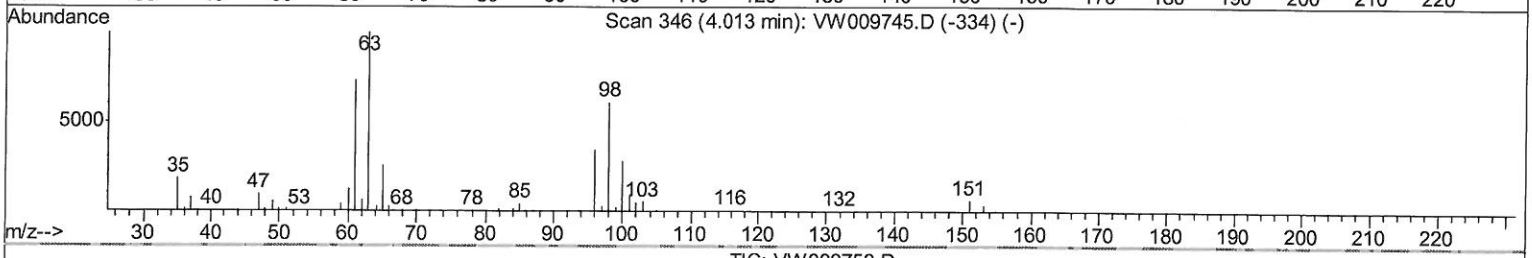
Quant Time: Apr 06 05:39:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM







TIC: VW009750.D

(10) 1,1-Dichloroethene-d2 (S)

4.227min (+0.208) 0.01ug/L

response 131

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	57.25
65.00	21.80	20.61
0.00	0.00	0.00

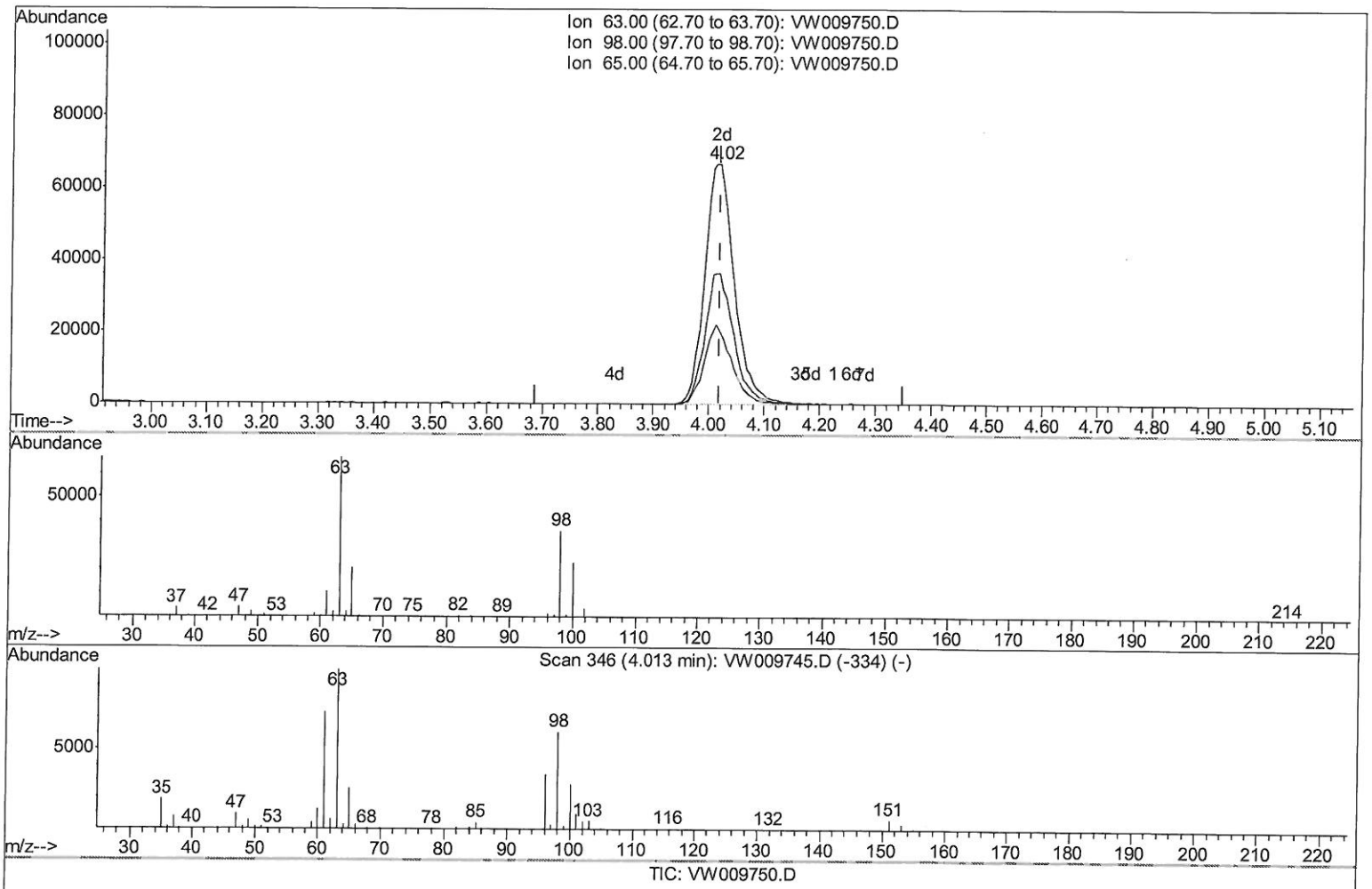
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 05:39:41 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 :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM



(10) 1,1-Dichloroethene-d2 (S)

4.019min (+0.000) 18.83ug/L m

response 245962

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	0.03#
65.00	21.80	0.01#
0.00	0.00	0.00

MD 4/9/19

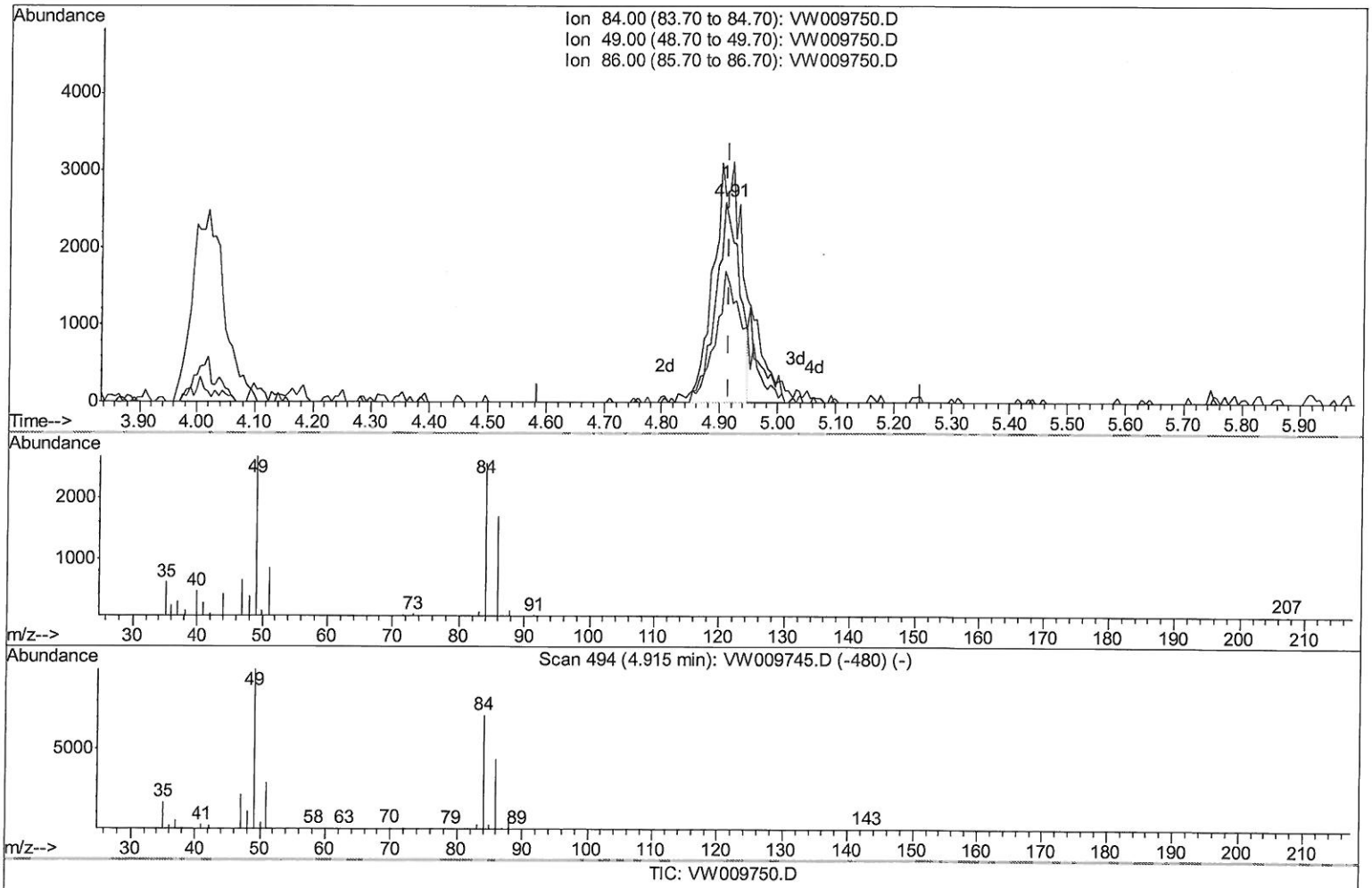
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 06:42:32 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 :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM



(16) Methylene chloride (T)

4.909min (-0.006) 0.89ug/L

response 7322

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	103.82
86.00	66.30	65.52
0.00	0.00	0.00

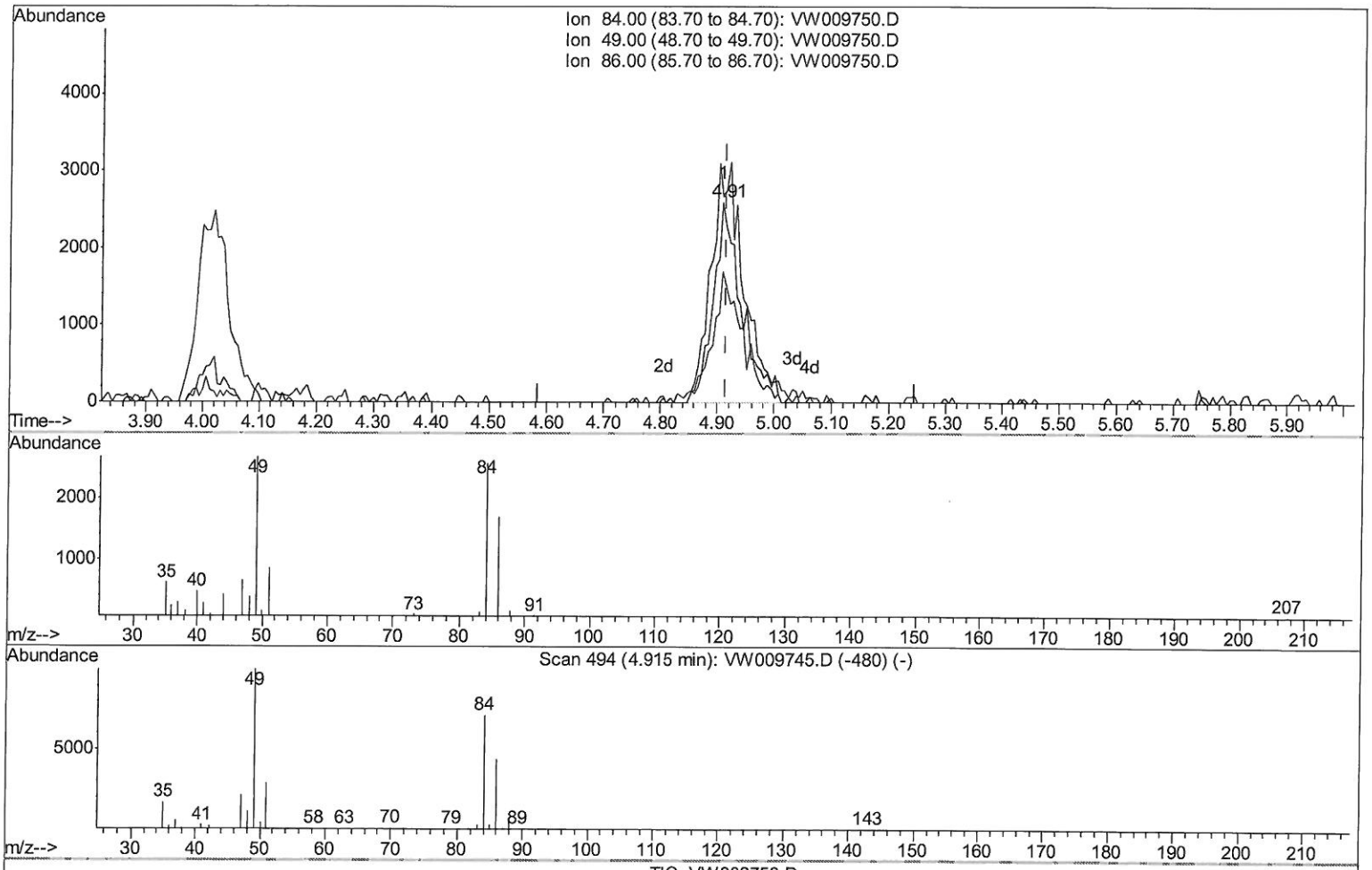
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 06:42:32 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 :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM



(16) Methylene chloride (T)

4.909min (-0.006) 1.10ug/L m

response 9001

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	103.82
86.00	66.30	65.52
0.00	0.00	0.00

7MD 4/9/19

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009750.D
Acq On : 06 Apr 2019 02:03
Operator : SY/VA
Sample : K2277-10
Misc : 5.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF173

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:50 AM

Quant Time: Apr 06 06:48:34 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	464150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	443904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187020	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	141975	23.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.52%			
7) Chloroethane-d5	2.89	69	132525	23.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.28%			
10) 1,1-Dichloroethene-d2	4.02	63	245962m	18.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.32%			
20) 2-Butanone-d5	7.08	46	94141	47.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.48%			
24) Chloroform-d	7.65	84	334068	26.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.52%			
26) 1,2-Dichloroethane-d4	8.30	65	208428	26.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.24%			
29) Benzene-d6	8.27	84	631340	27.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.36%			
33) 1,2-Dichloropropane-d6	9.27	67	195476	27.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.64%			
37) Toluene-d8	10.32	98	561776	26.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.28%			
38) trans-1,3-Dichloropropene-	10.58	79	82328	23.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.92%			
39) 2-Hexanone-d5	10.92	63	70723	52.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.26%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161794	24.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	188107	28.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.64%			

MD 4/9/19

Target Compounds						Qvalue
16) Methylene chloride	4.91	84	9001m	1.100	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	214841	31.331	ug/L	98
35) Trichloroethene	9.09	95	2028009	290.152	ug/L	99
47) Tetrachloroethene	10.86	164	1600427	290.730	ug/L	98

MD 4/9/19

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