Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

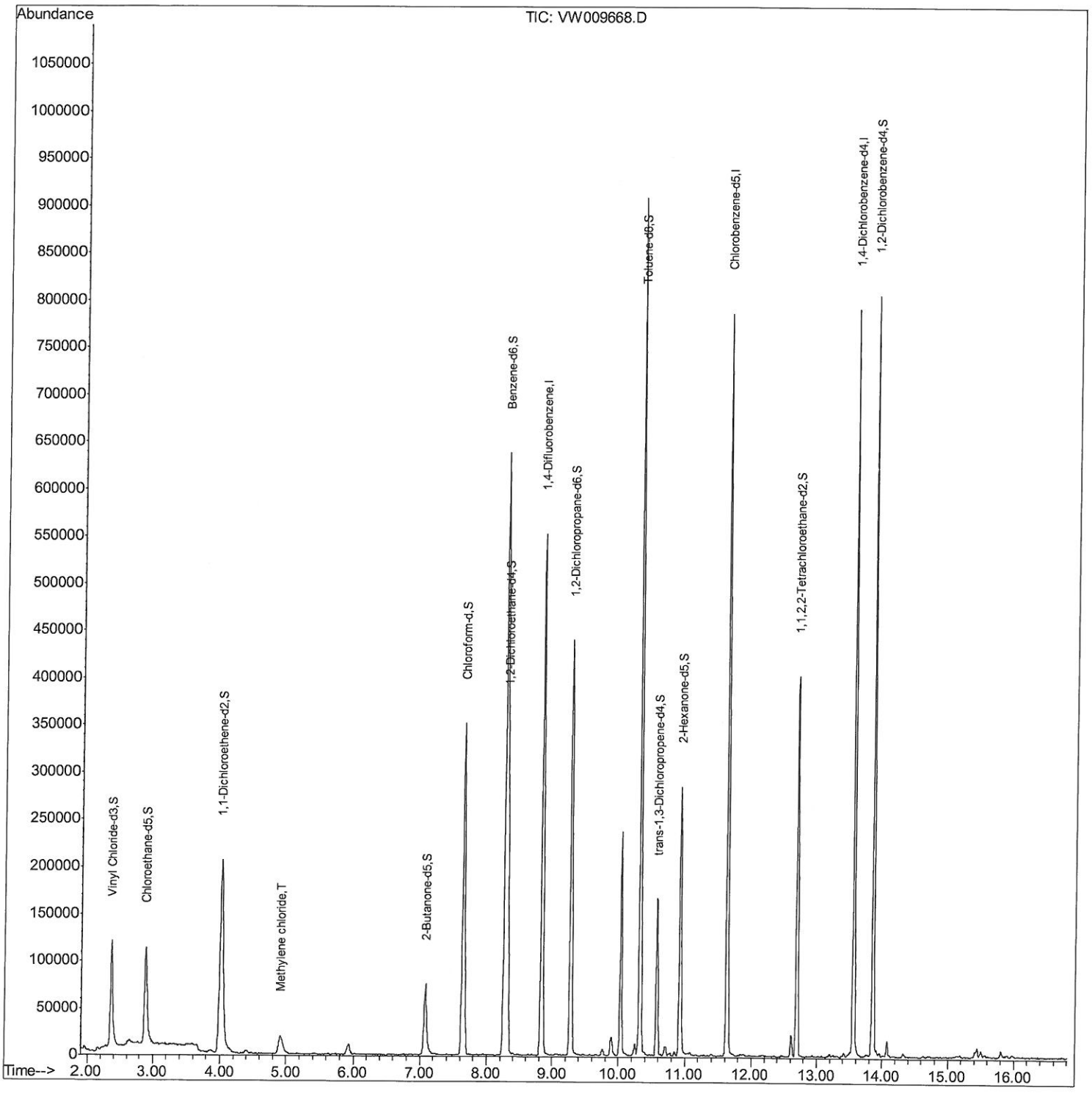
Quantitation Report (QT Reviewed)

Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:17:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

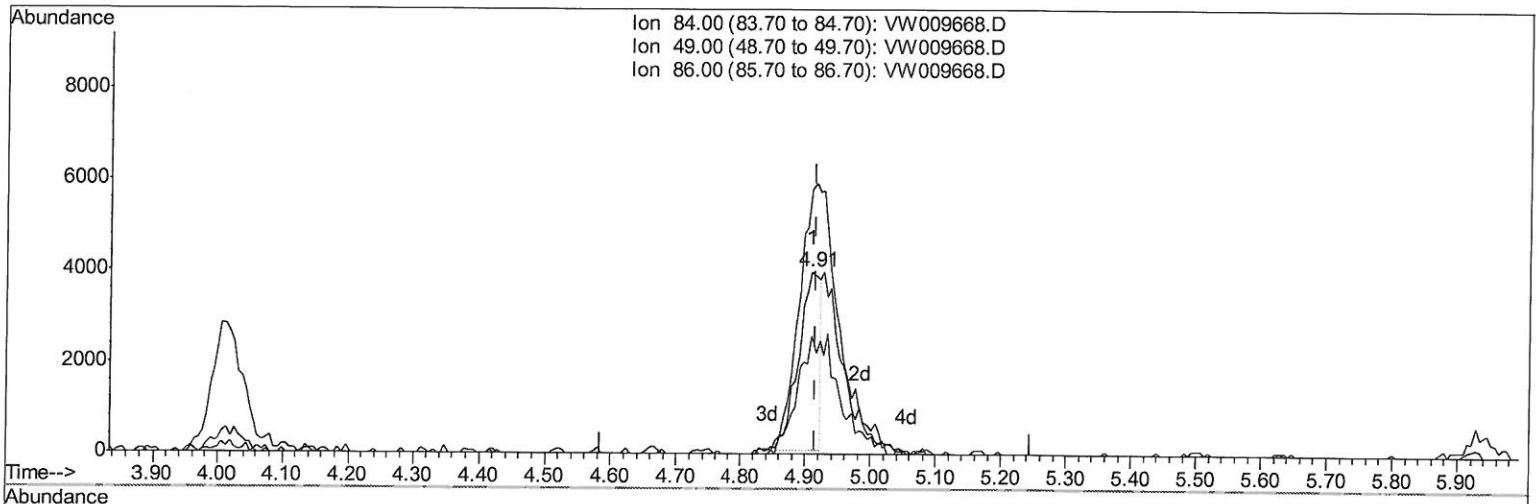
Quantitation Report (Qedit)

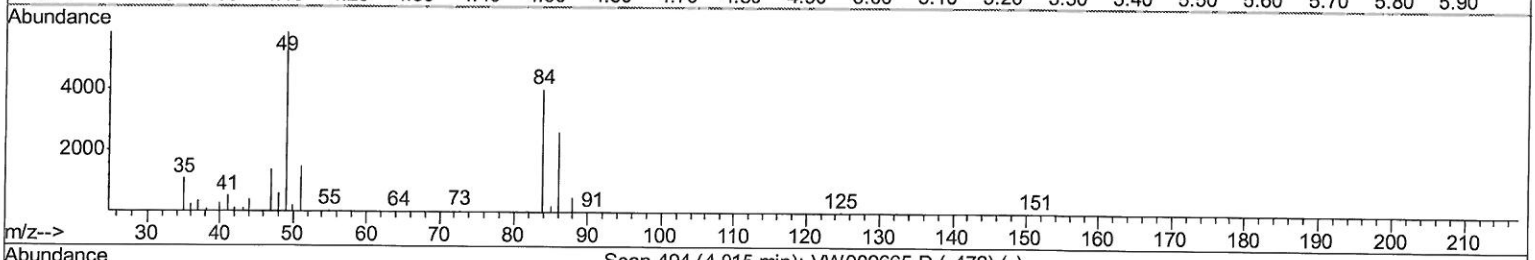
Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

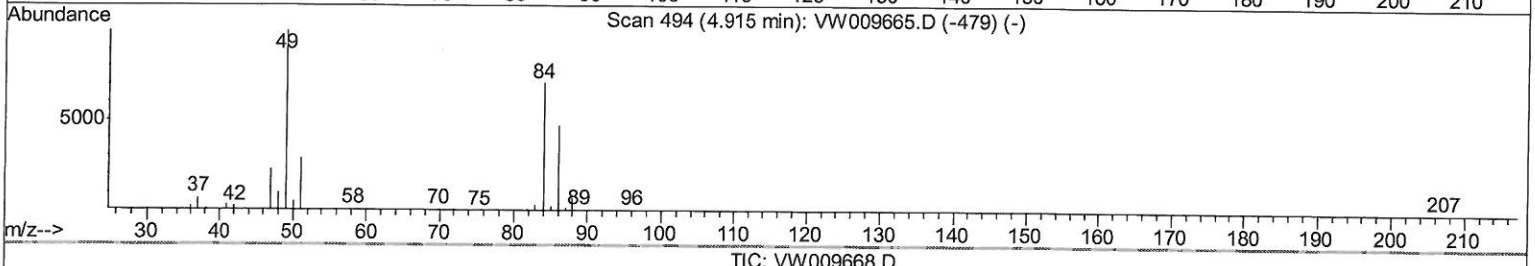
Quant Time: Apr 04 02:06:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM







TIC: VW009668.D

(16) Methylene chloride (T)

4.909min (-0.006) 1.20ug/L

response 8973

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	145.09
86.00	66.30	64.98
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

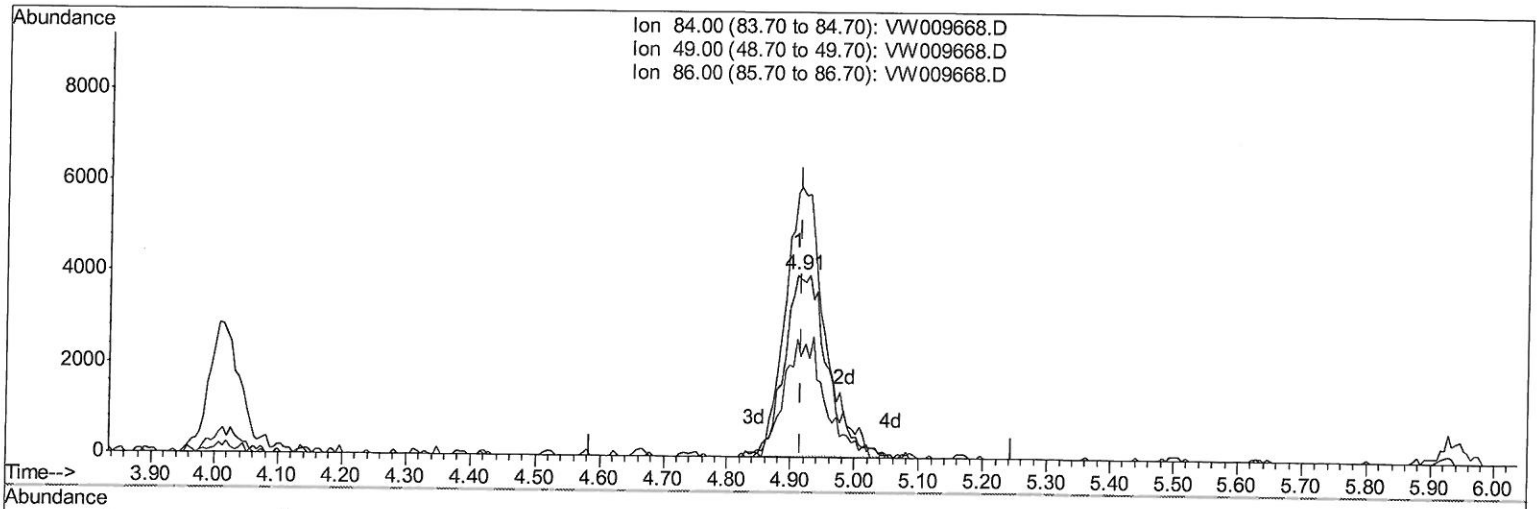
Quantitation Report (Qedit)

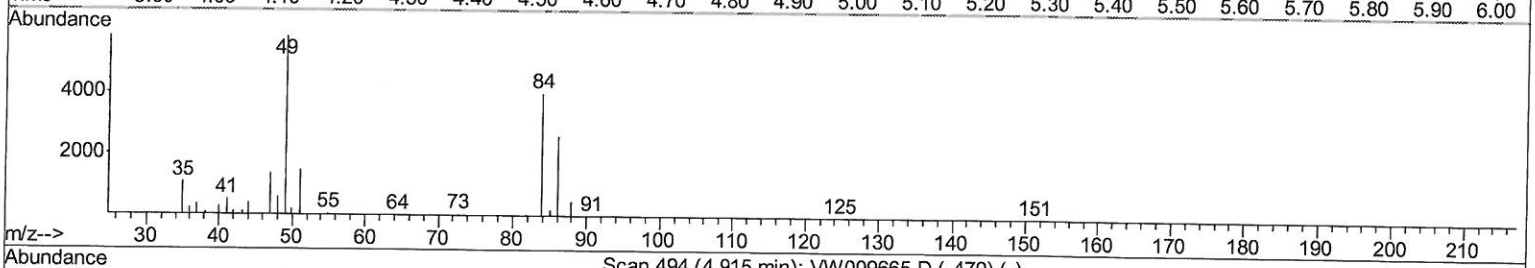
Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

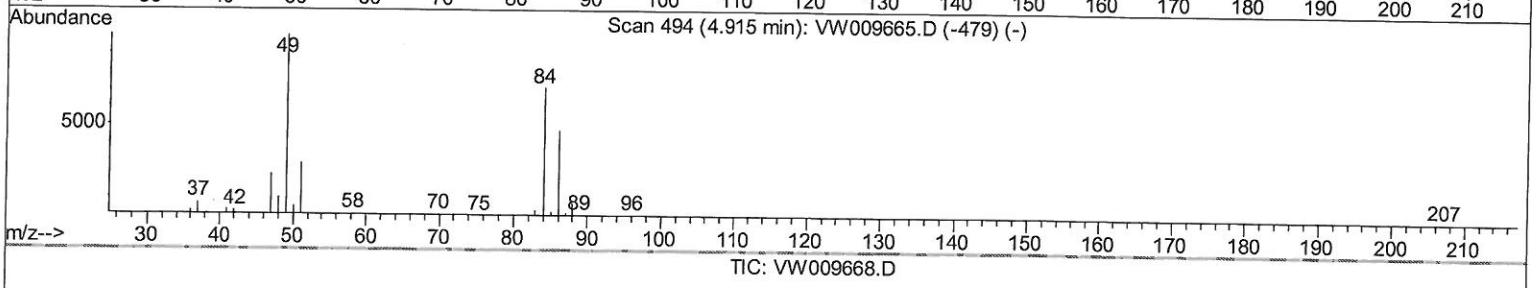
Quant Time: Apr 04 02:06:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM







TIC: VW009668.D

(16) Methylene chloride (T)

4.909min (-0.006) 2.42ug/L m

response 18096

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	145.09
86.00	66.30	64.98
0.00	0.00	0.00

MD 4/7/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

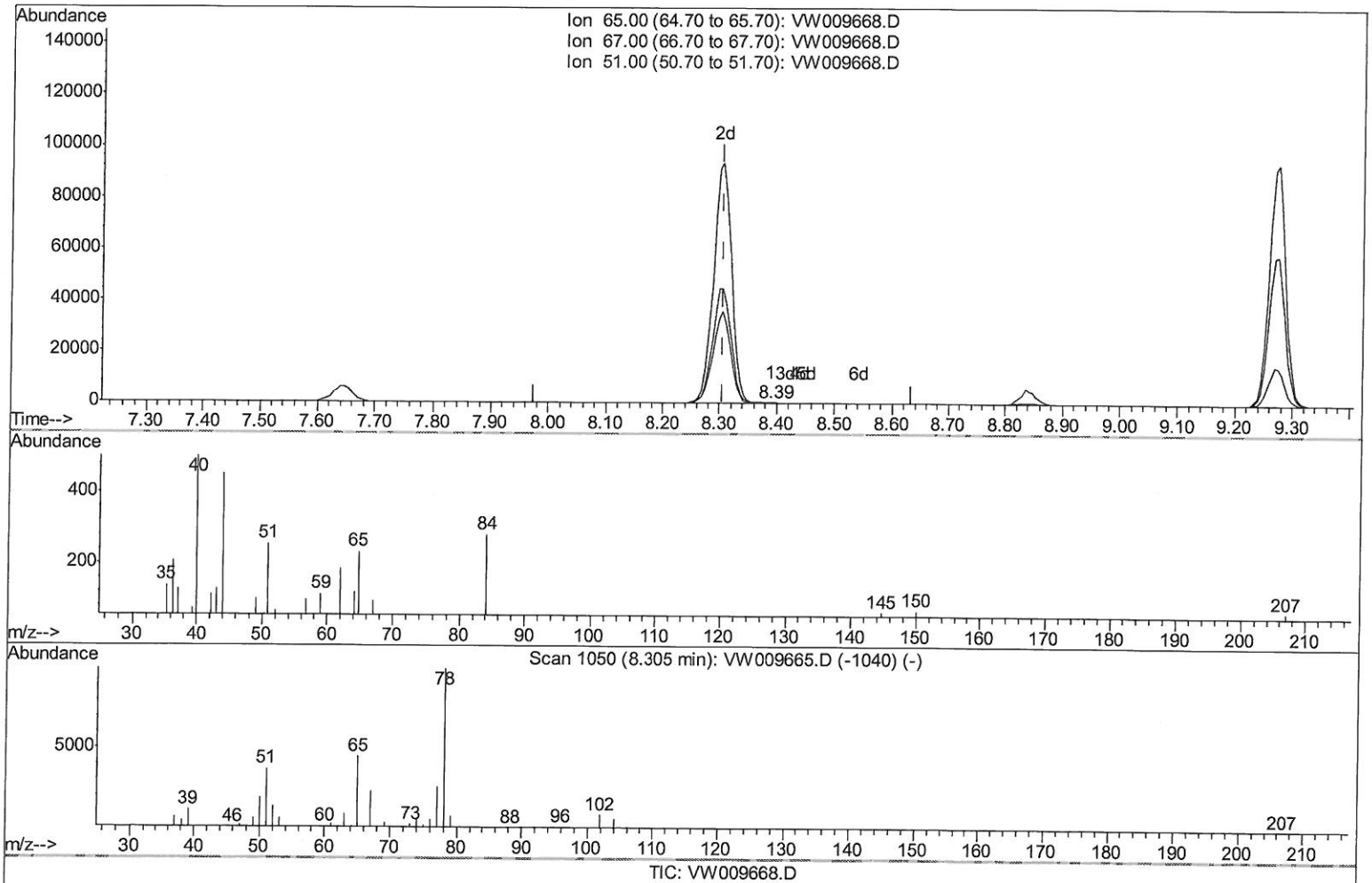
Quantitation Report (Qedit)

Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:06:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM



TIC: VW009668.D

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

8.390min (+0.085) 0.03ug/L

response 214

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	37.85
51.00	109.90	95.79
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

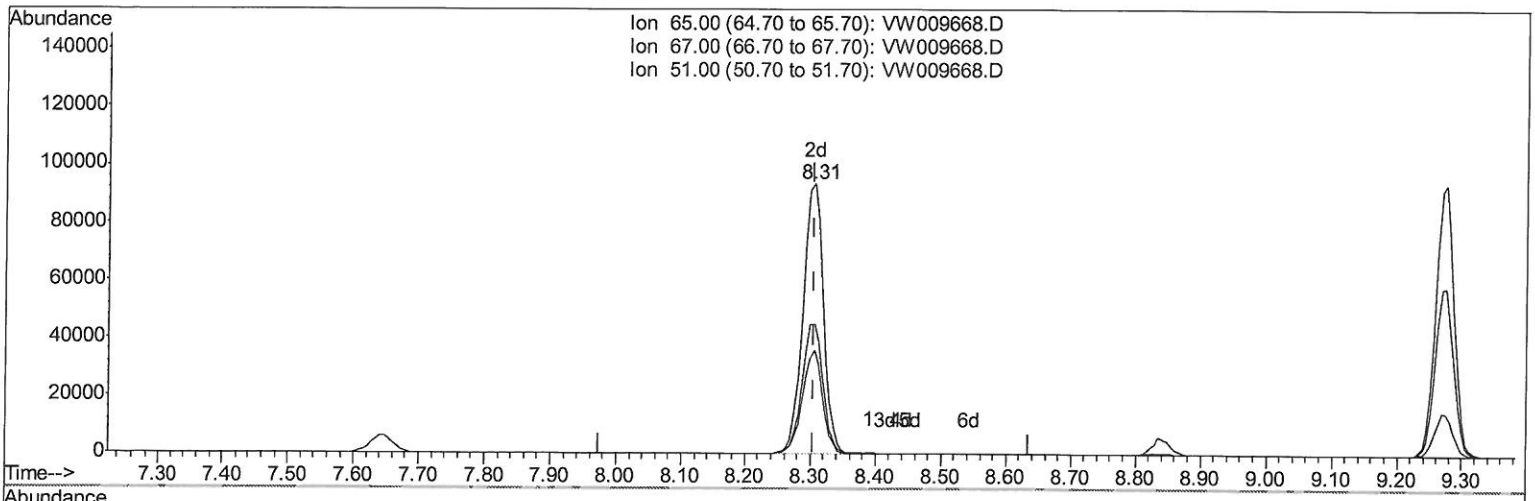
Quantitation Report (Qedit)

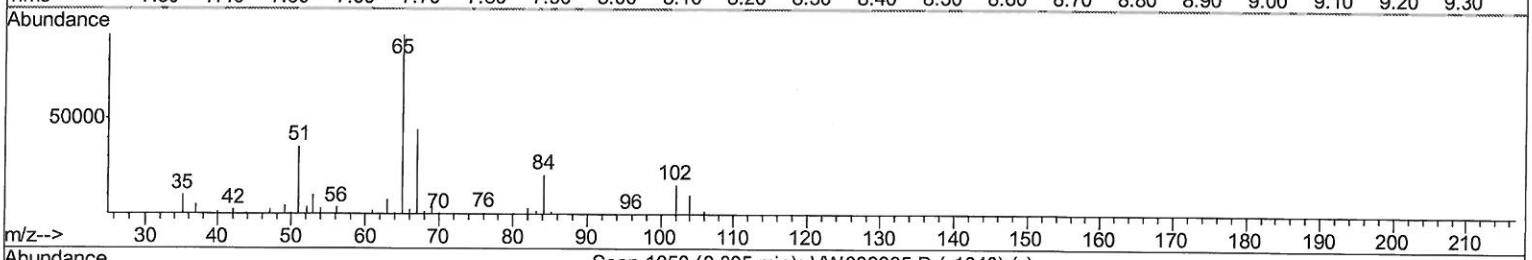
Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

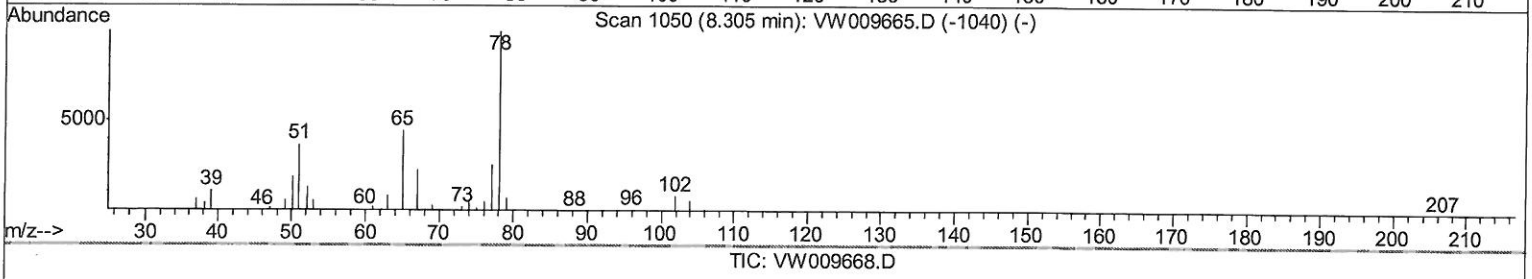
Quant Time: Apr 04 02:06:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM







TIC: VW009668.D

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

8.305min (+0.000) 28.62ug/L m

response 203137

7 MD 4/7/19

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.04#
51.00	109.90	0.10#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (QT Reviewed)

Data File : VW009668.D
Acq On : 03 Apr 2019 19:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:17:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:53:22 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	167777	30.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.04%			
7) Chloroethane-d5	2.89	69	145912	28.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.92%			
10) 1,1-Dichloroethene-d2	4.01	63	263481	22.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.40%			
20) 2-Butanone-d5	7.08	46	123993	68.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.76%#			
24) Chloroform-d	7.65	84	312057	26.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.96%			
26) 1,2-Dichloroethane-d4	8.31	65	203137m	28.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.48%			
29) Benzene-d6	8.27	84	612698	29.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.56%			
33) 1,2-Dichloropropane-d6	9.27	67	184708	28.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.76%			
37) Toluene-d8	10.32	98	555898	28.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.36%			
38) trans-1,3-Dichloropropene-	10.57	79	84301	27.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.88%			
39) 2-Hexanone-d5	10.93	63	82713	67.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.14%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178707	29.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	195121	30.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.76%#			
Target Compounds						Qvalue
16) Methylene chloride	4.91	84	18096m	2.422	ug/L	7

MD 4/7/19

MD 4/7/19

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