Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

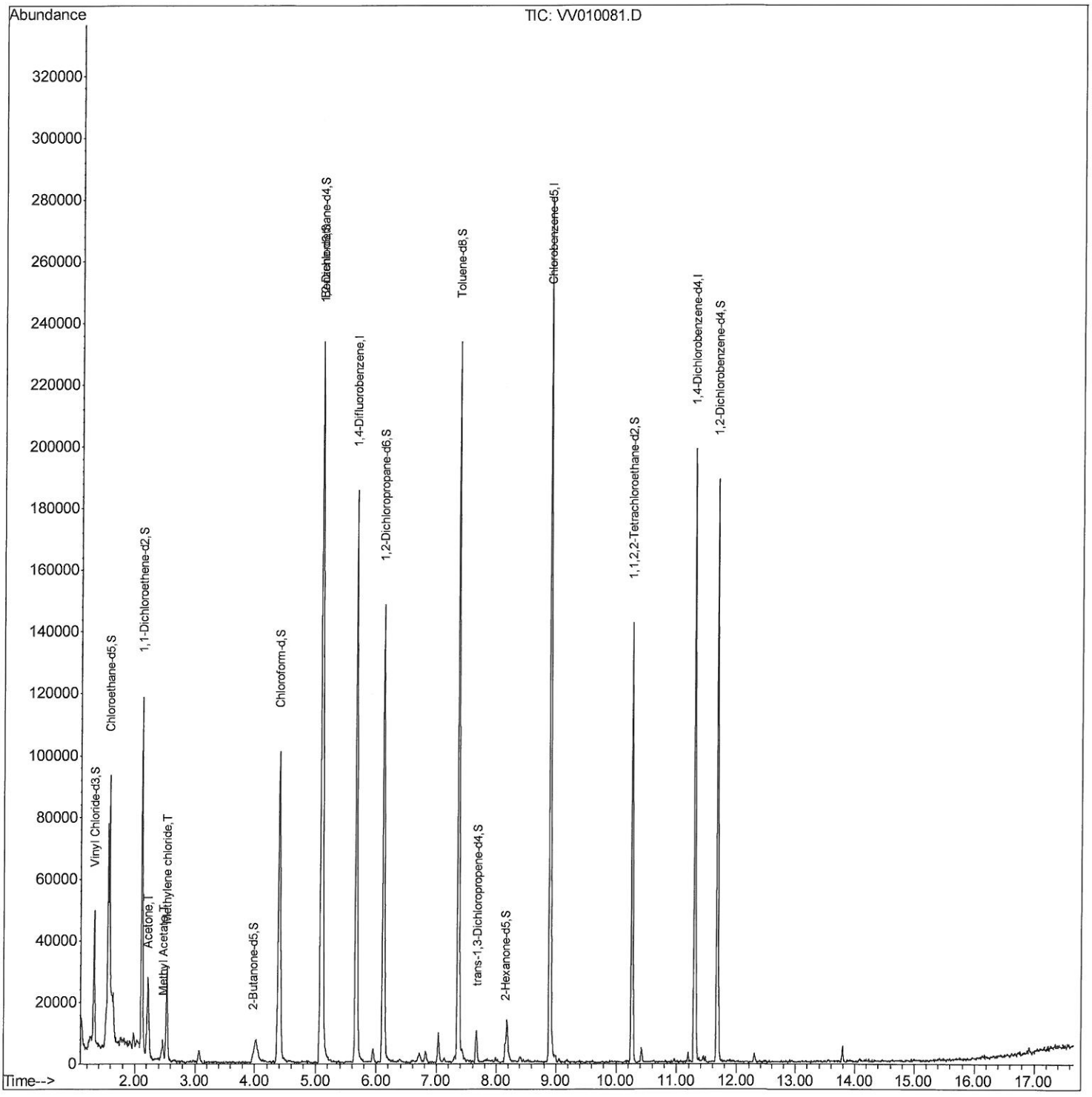
Quantitation Report (QT Reviewed)

Data File : VV010081.D
Acq On : 03 Apr 2019 01:52
Operator : SY/MD
Sample : K2148-19
Misc : 3.49G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 08:13:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5G6

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:03:15 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

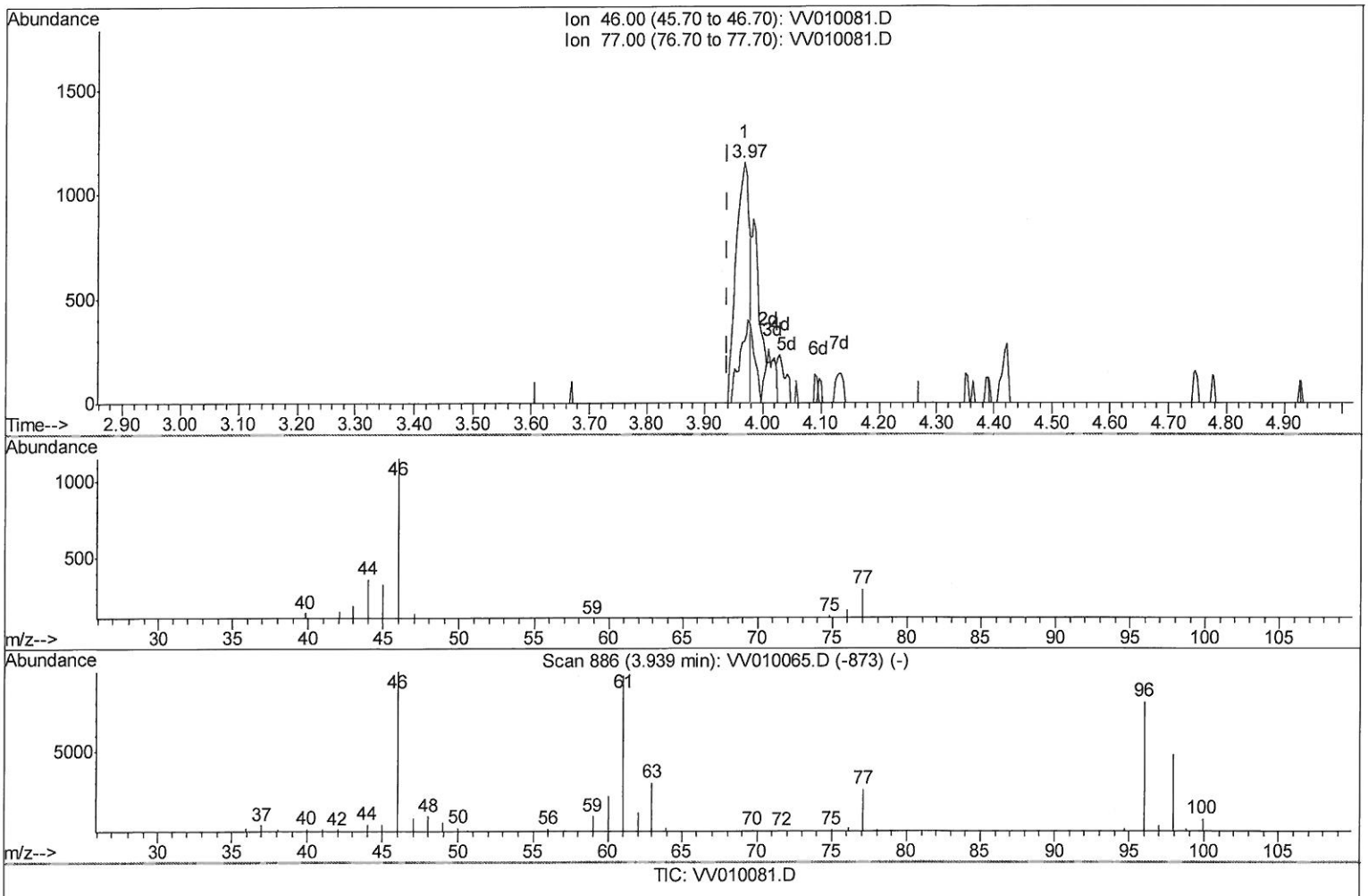
Quantitation Report (Qedit)

Data File : VV010081.D
Acq On : 03 Apr 2019 01:52
Operator : SY/MD
Sample : K2148-19
Misc : 3.49G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5G6

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:03:15 AM



TIC: VV010081.D

(20) 2-Butanone-d5 (S)

3.968min (+0.029) 2.93ug/L

response 1802

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	32.96
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

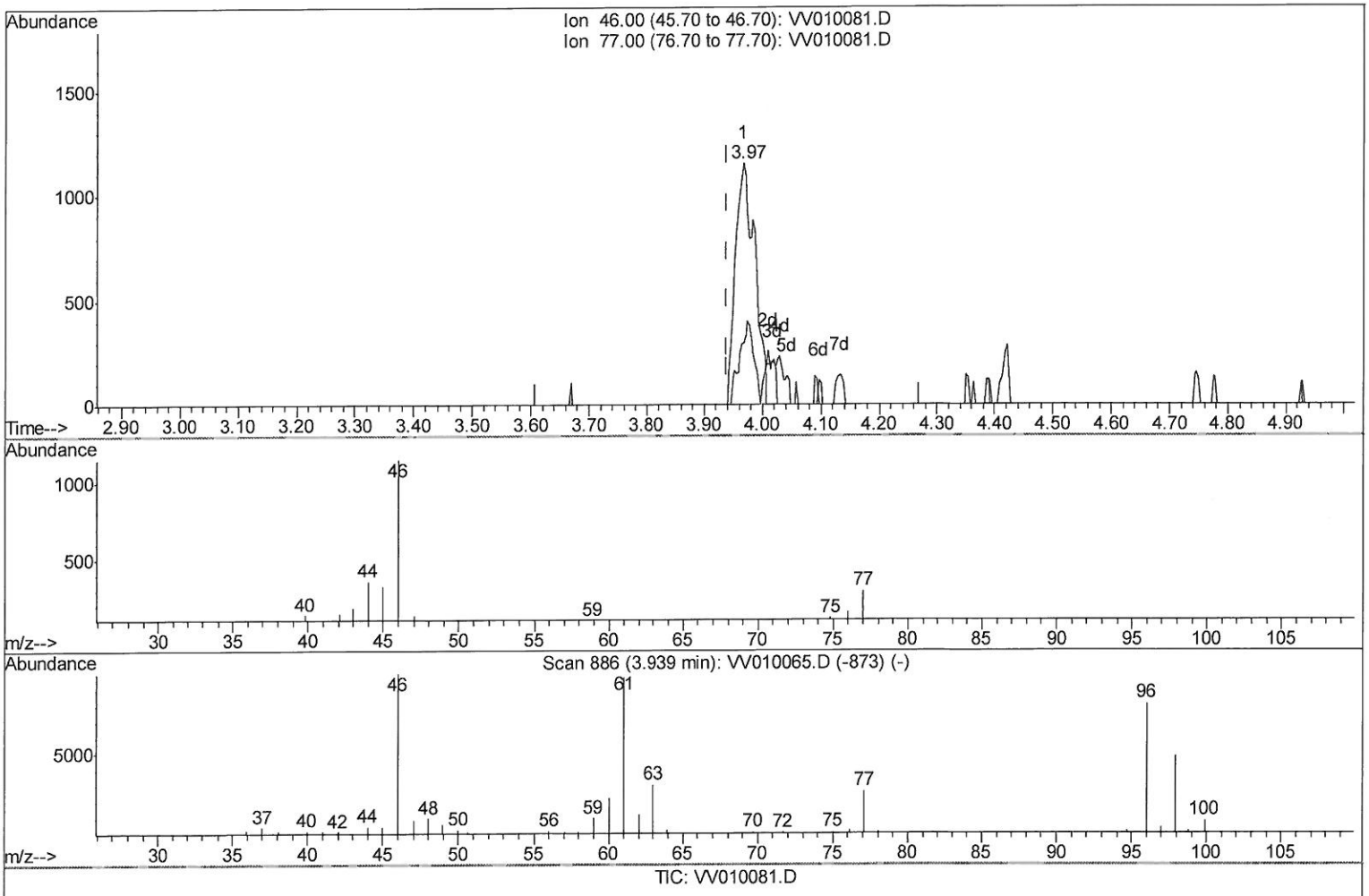
Quantitation Report (Qedit)

Data File : VV010081.D
Acq On : 03 Apr 2019 01:52
Operator : SY/MD
Sample : K2148-19
Misc : 3.49G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 06:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5G6

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:03:15 AM



TIC: VV010081.D

(20) 2-Butanone-d5 (S)

3.968min (+0.029) 4.36ug/L m

response 2680

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	22.16
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/13/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

Quantitation Report (QT Reviewed)

Data File : VV010081.D
Acq On : 03 Apr 2019 01:52
Operator : SY/MD
Sample : K2148-19
Misc : 3.49G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 08:13:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF5G6

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:03:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161455	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53446	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24059	11.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 44.52%			
7) Chloroethane-d5	1.57	69	43654	16.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.04%			
10) 1,1-Dichloroethene-d2	2.12	63	56709	10.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.60%#			
20) 2-Butanone-d5	3.97	46	2680m	4.36	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 8.72%#			
24) Chloroform-d	4.40	84	98264	24.16	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.64%			
26) 1,2-Dichloroethane-d4	5.08	65	73368	32.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.96%			
29) Benzene-d6	5.10	84	180761	22.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.00%			
33) 1,2-Dichloropropane-d6	6.12	67	68197	29.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.32%			
37) Toluene-d8	7.36	98	158793	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.96%			
38) trans-1,3-Dichloropropene-	7.66	79	5752	5.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 22.96%#			
39) 2-Hexanone-d5	8.14	63	1725	3.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 7.34%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61107	26.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.68%			
61) 1,2-Dichlorobenzene-d4	11.68	152	49982	24.01	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.04%			
Target Compounds						Qvalue
13) Acetone	2.21	43	12817	21.077	ug/L	98
15) Methyl Acetate	2.47	43	6773	6.961	ug/L	99
16) Methylene chloride	2.53	84	11794	4.158	ug/L	97

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

MMD 4/13/19