Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

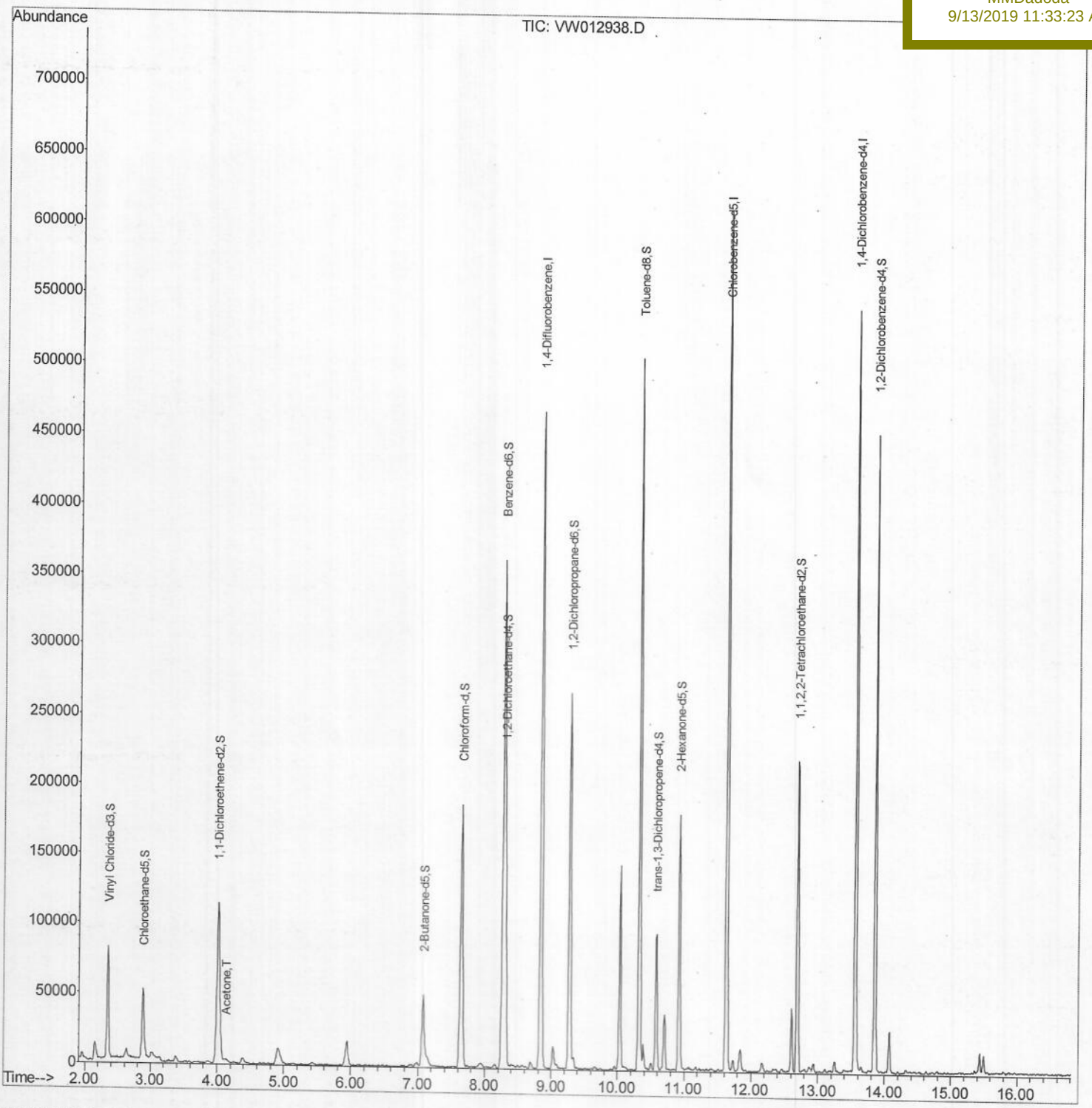
Quantitation Report (QT Reviewed)

Data File : VW012938.D
Acq On : 12 Sep 2019 17:14
Operator : SY/VA
Sample : K4811-04
Misc : 4.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 03:59:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETOG3

Manual Integrations APPROVED
MMDadoda
9/13/2019 11:33:23 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

Quantitation Report (Qedit)

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Acq On : 12 Sep 2019 17:14
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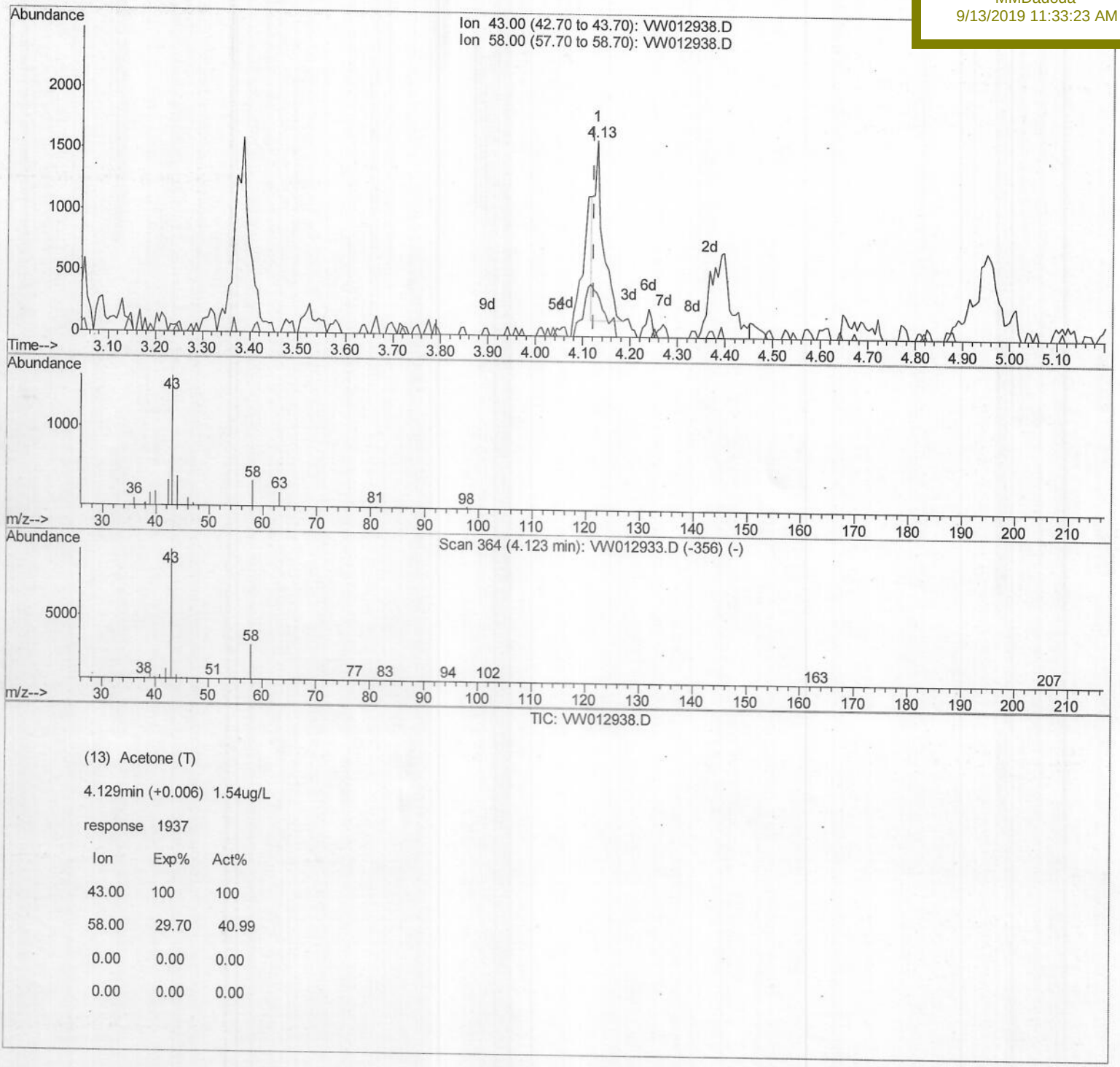
MMDadoda
9/13/2019 11:33:23 AM



TIC: VW012938.D

(13) Acetone (T)

4.129min (+0.006) 1.54ug/L

response 1937

Ion	Exp%	Act%
43.00	100	100
58.00	29.70	40.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

Quantitation Report (Qedit)

Data File : VW012938.D
Acq On : 12 Sep 2019 17:14
Operator : SY/VA
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Quant Title : VOC Analysis
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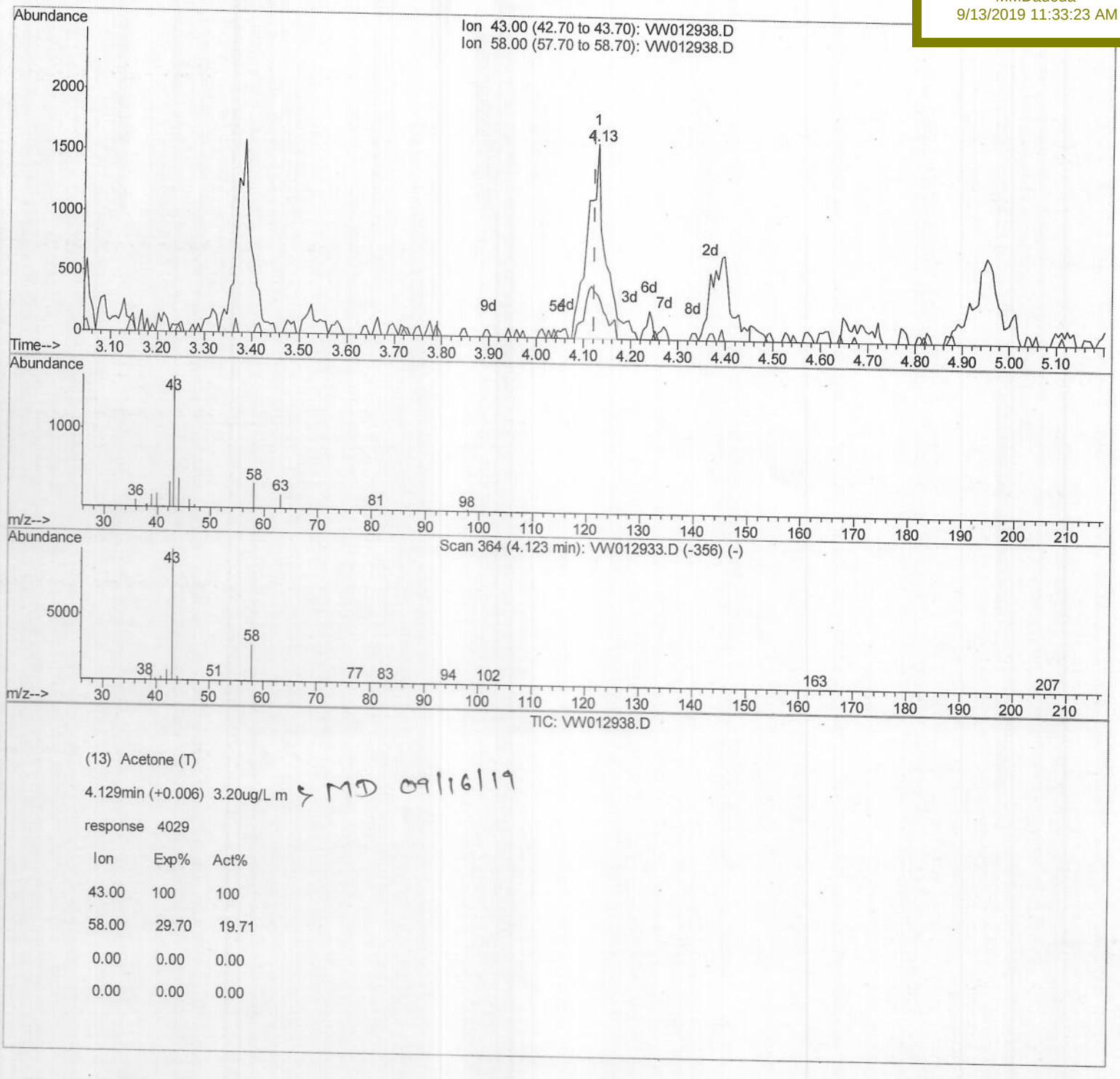
MSVOA_W
ClientSampleId :
ETOG3

Manual Integrations APPROVED
MMDadoda
9/13/2019 11:33:23 AM



TIC: VW012938.D

(13) Acetone (T)

4.129min (+0.006) 3.20ug/L m > MD 09/16/19

response 4029

Ion	Exp%	Act%
43.00	100	100
58.00	29.70	19.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

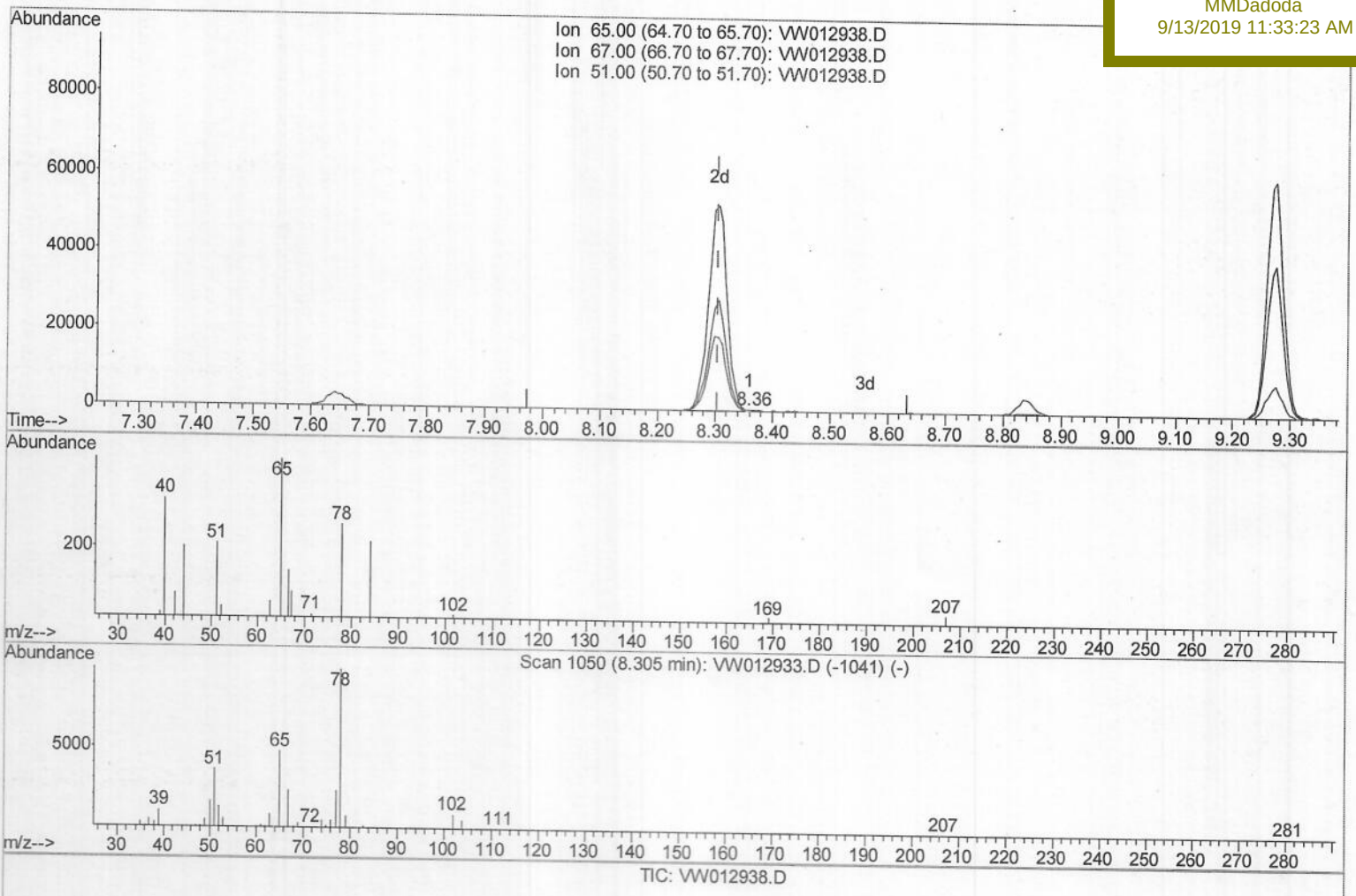
Quantitation Report (Qedit)

Data File : VW012938.D
Acq On : 12 Sep 2019 17:14
Operator : SY/VA
Sample : K4811-04
Misc : 4.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 03:57:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETOG3

Manual Integrations APPROVED
MMDadoda
9/13/2019 11:33:23 AM



TIC: VW012938.D

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

8.360min (+0.055) 0.05ug/L

response 264

Ion	Exp%	Act%
65.00	100	100
67.00	51.50	41.29
51.00	111.50	98.11
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

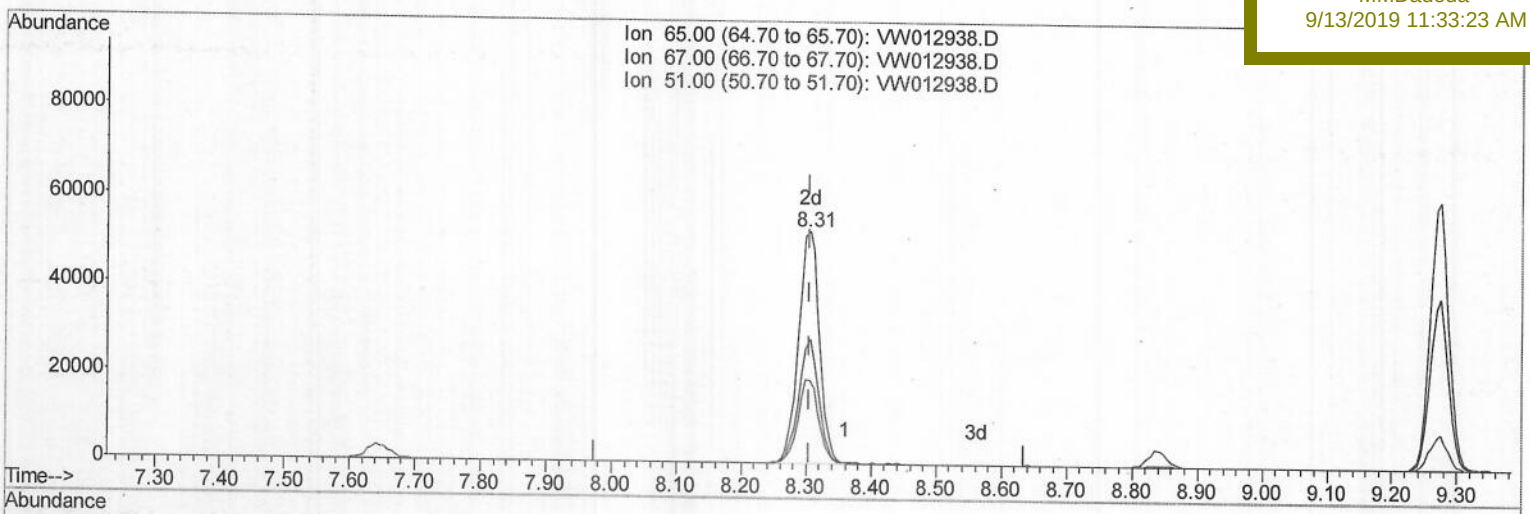
Quantitation Report (Qedit)

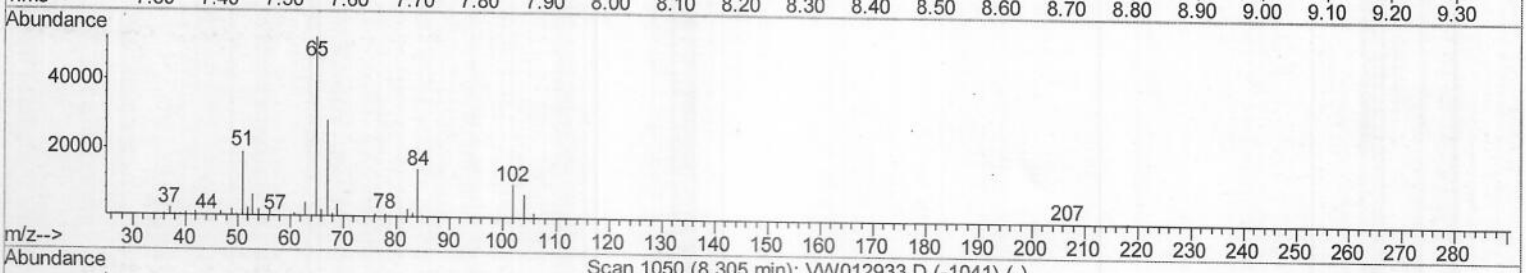
Data File : VW012938.D
Acq On : 12 Sep 2019 17:14
Operator : SY/VA
Sample : K4811-04
Misc : 4.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

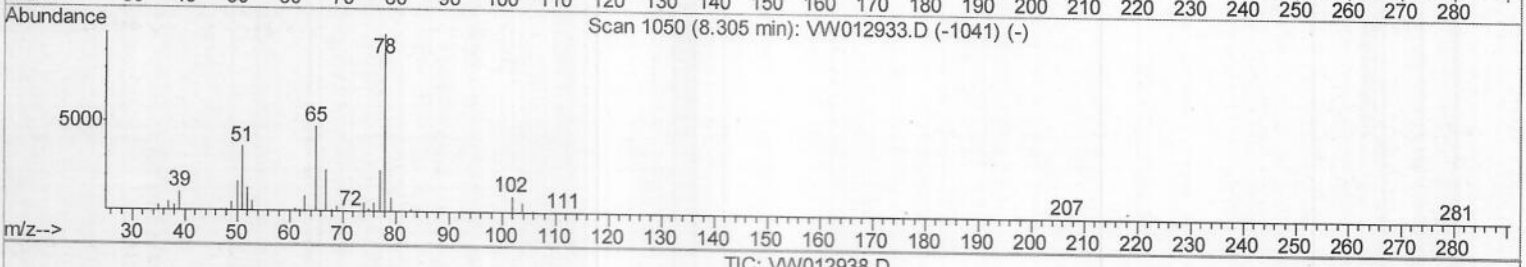
Quant Time: Sep 13 03:57:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETOG3

Manual Integrations APPROVED
MMDadoda
9/13/2019 11:33:23 AM







TIC: VW012938.D

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

8.305min (0.000) 22.42ug/L m > MD 09/16/19

response 117701

Ion	Exp%	Act%
65.00	100	100
67.00	51.50	0.09#
51.00	111.50	0.22#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\

Quantitation Report (QT Reviewed)

Data File : VW012938.D
Acq On : 12 Sep 2019 17:14
Operator : SY/VA
Sample : K4811-04
Misc : 4.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 03:59:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : ETOG3

Manual Integrations APPROVED
MMDadoda
9/13/2019 11:33:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388710	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334731	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144338	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	79321	20.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.16%			
7) Chloroethane-d5	2.88	69	63590	19.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.08%			
10) 1,1-Dichloroethene-d2	4.01	63	134936	14.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.72%			
20) 2-Butanone-d5	7.07	46	86558	59.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.42%			
24) Chloroform-d	7.65	84	191831	19.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.04%			
26) 1,2-Dichloroethane-d4	8.31	65	117701m	22.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.68%			
29) Benzene-d6	8.27	84	353287	20.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.76%			
33) 1,2-Dichloropropane-d6	9.27	67	119971	21.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.12%			
37) Toluene-d8	10.32	98	328620	20.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.84%			
38) trans-1,3-Dichloropropene-	10.58	79	52999	21.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.32%			
39) 2-Hexanone-d5	10.92	63	60442	56.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106077	24.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	120167	21.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.44%			
Target Compounds						Qvalue
13) Acetone	4.13	43	4029m	3.198	ug/L	

MD 09/16/19

MD 09/16/19

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