Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

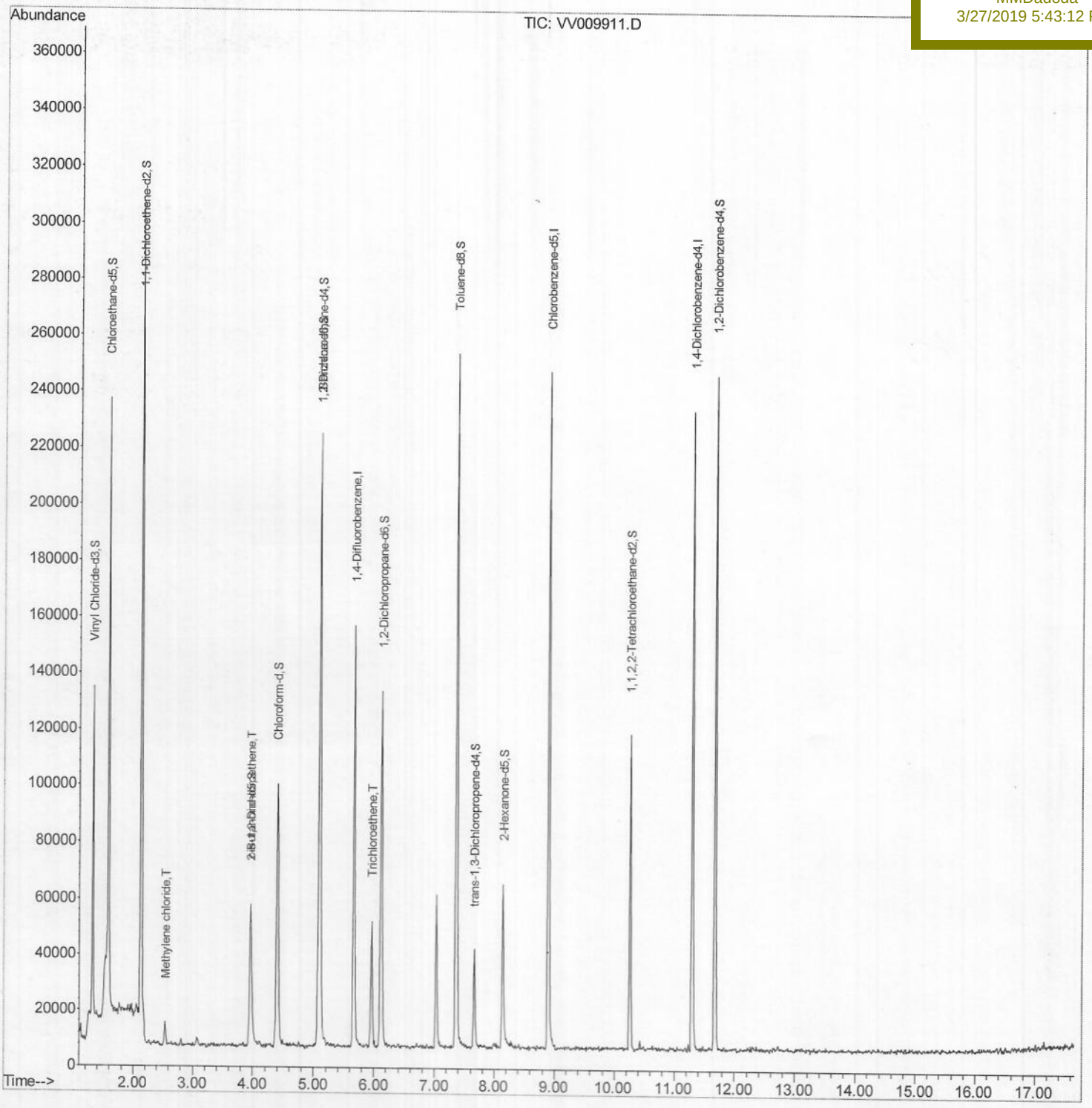
Quantitation Report (QT Reviewed)

Data File : VV009911.D
Acq On : 26 Mar 2019 22:57
Operator : SY/MD
Sample : K2101-04
Misc : 6.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 02:59:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF0K2

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:12 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Qedit)

Data File : VV009911.D
Acq On : 26 Mar 2019 22:57
Operator : SY/MD
Sample : K2101-04
Misc : 6.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 01:49:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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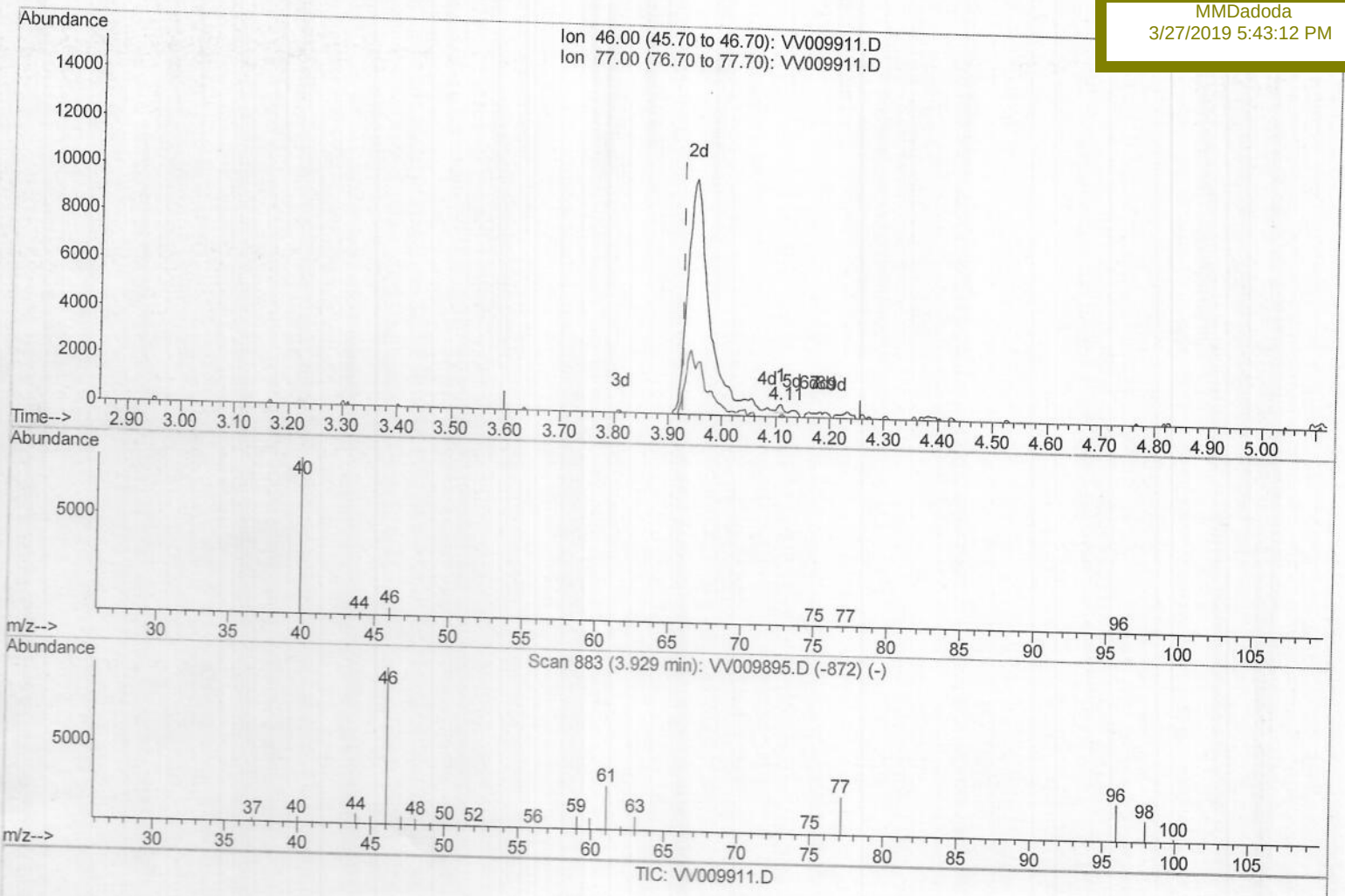
Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:12 PM



TIC: VV009911.D

(20) 2-Butanone-d5 (S)

4.110min (+0.180) 0.50ug/L

response 231

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	17.75
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Qedit)

Data File : VV009911.D
Acq On : 26 Mar 2019 22:57
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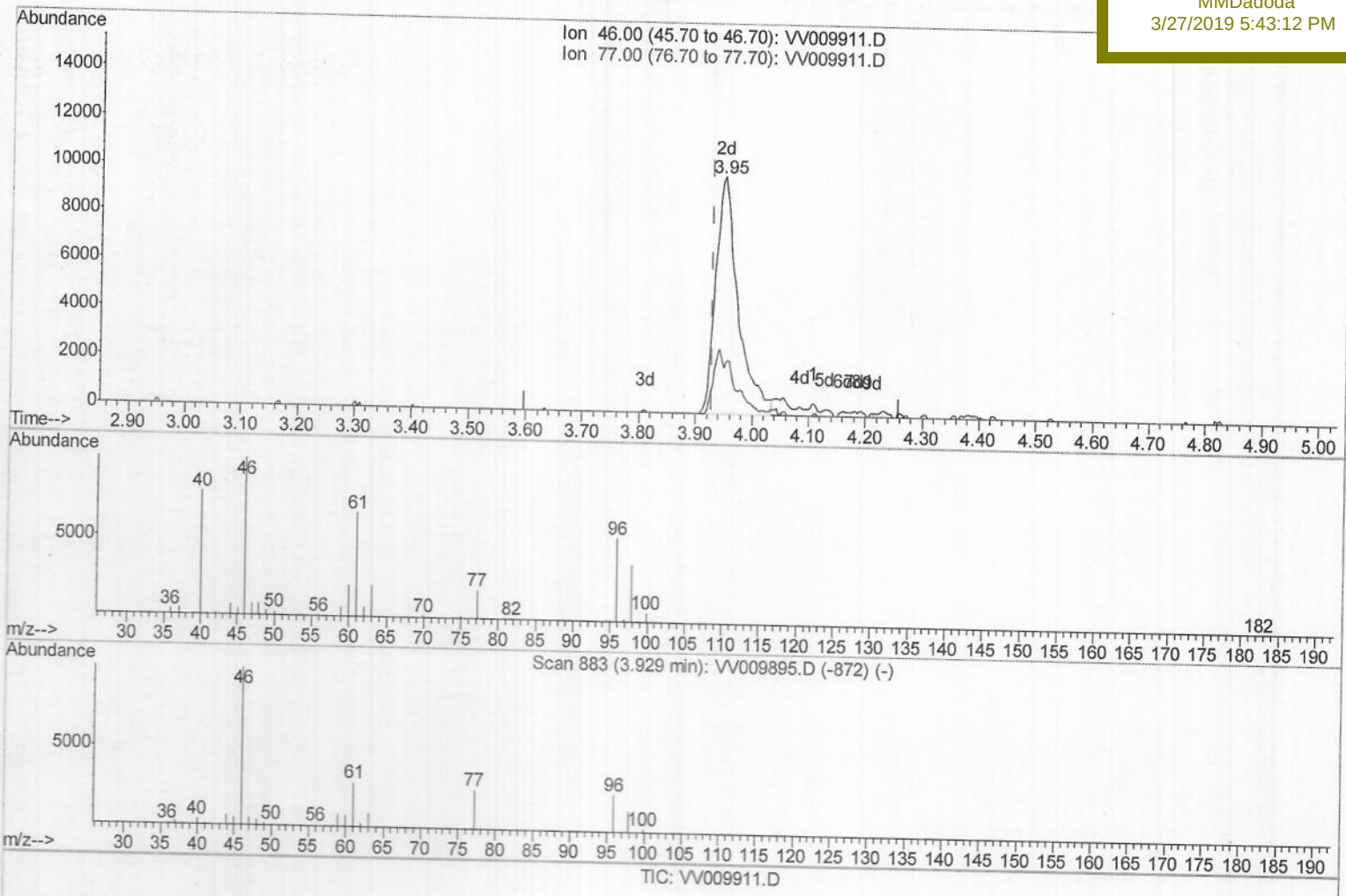
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF0K2

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:12 PM



TIC: VV009911.D

(20) 2-Butanone-d5 (S)

3.949min (+0.020) 57.80ug/L m

response 26887

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	0.15#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
03/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (QT Reviewed)

Data File : VV009911.D
Acq On : 26 Mar 2019 22:57
Operator : SY/MD
Sample : K2101-04
Misc : 6.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 02:59:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF0K2

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:12 PM

M.D 03/27/19

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123021	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54867	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70687	28.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.28%			
7) Chloroethane-d5	1.58	69	121286	44.98	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 179.92%#			
10) 1,1-Dichloroethene-d2	2.13	63	144563	21.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.68%			
20) 2-Butanone-d5	3.95	46	26887m	57.80	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.60%			
24) Chloroform-d	4.40	84	86948	27.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.96%			
26) 1,2-Dichloroethane-d4	5.08	65	54294	28.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.12%			
29) Benzene-d6	5.10	84	176619	27.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.84%			
33) 1,2-Dichloropropane-d6	6.12	67	53784	28.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.32%			
37) Toluene-d8	7.36	98	157730	25.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.64%			
38) trans-1,3-Dichloropropene-	7.66	79	18327	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.24%			
39) 2-Hexanone-d5	8.14	63	18986	54.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48753	26.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	56987	27.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.12%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	3420	1.688	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	21731	12.210	ug/L	95
35) Trichloroethene	5.96	95	13786	7.772	ug/L	95

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