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

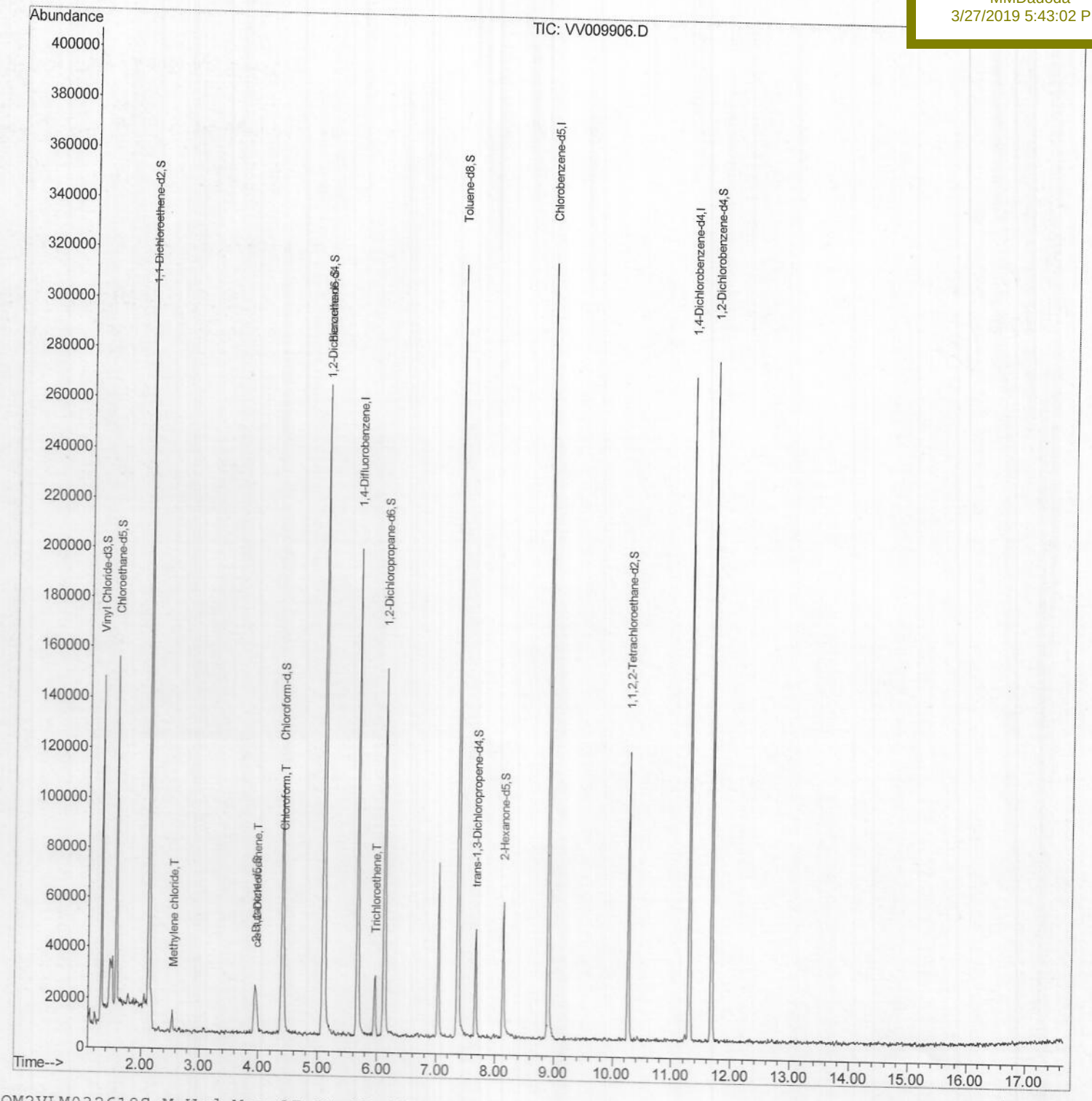
Data File : VV009906.D
Acq On : 26 Mar 2019 20:46
Operator : SY/MD
Sample : K2083-20
Misc : 6.21G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quantitation Report (QT Reviewed)

Quant Time: Mar 27 02:37:29 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 :
BF0J7

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:02 PM



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

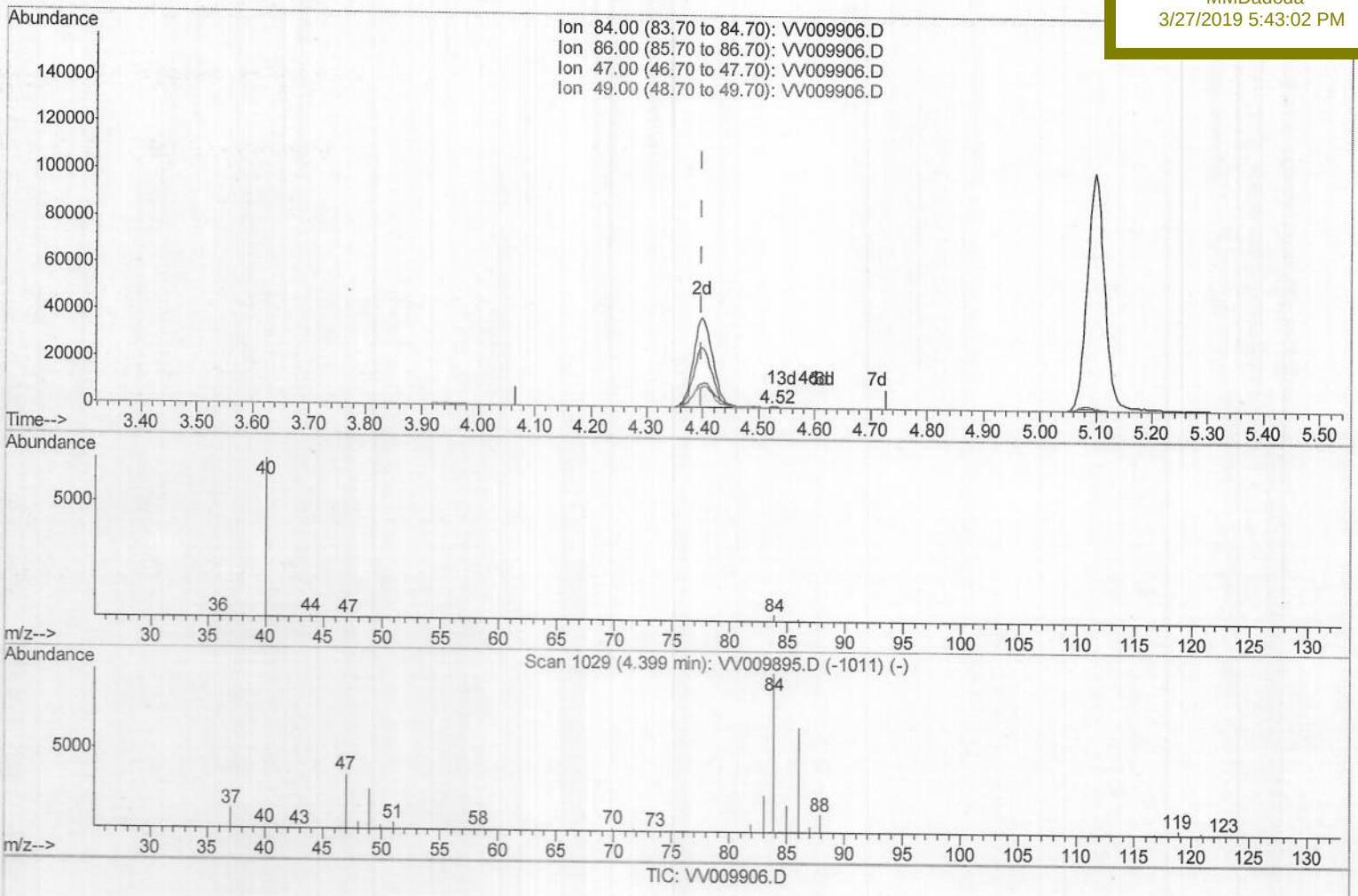
Quantitation Report (Qedit)

Data File : VV009906.D
Acq On : 26 Mar 2019 20:46
Operator : SY/MD
Sample : K2083-20
Misc : 6.21G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 01:48:49 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 :
BF0J7

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:02 PM



TIC: VV009906.D

(24) Chloroform-d (S)

4.524min (+0.125) 0.06ug/L

response 254

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	72.83
47.00	49.10	43.70
49.00	31.70	27.56

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

Quantitation Report (Qedit)

Data File : VV009906.D
Acq On : 26 Mar 2019 20:46
Operator : SY/MD
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Misc : 6.21G/10mL/MSVOA_V/SOIL
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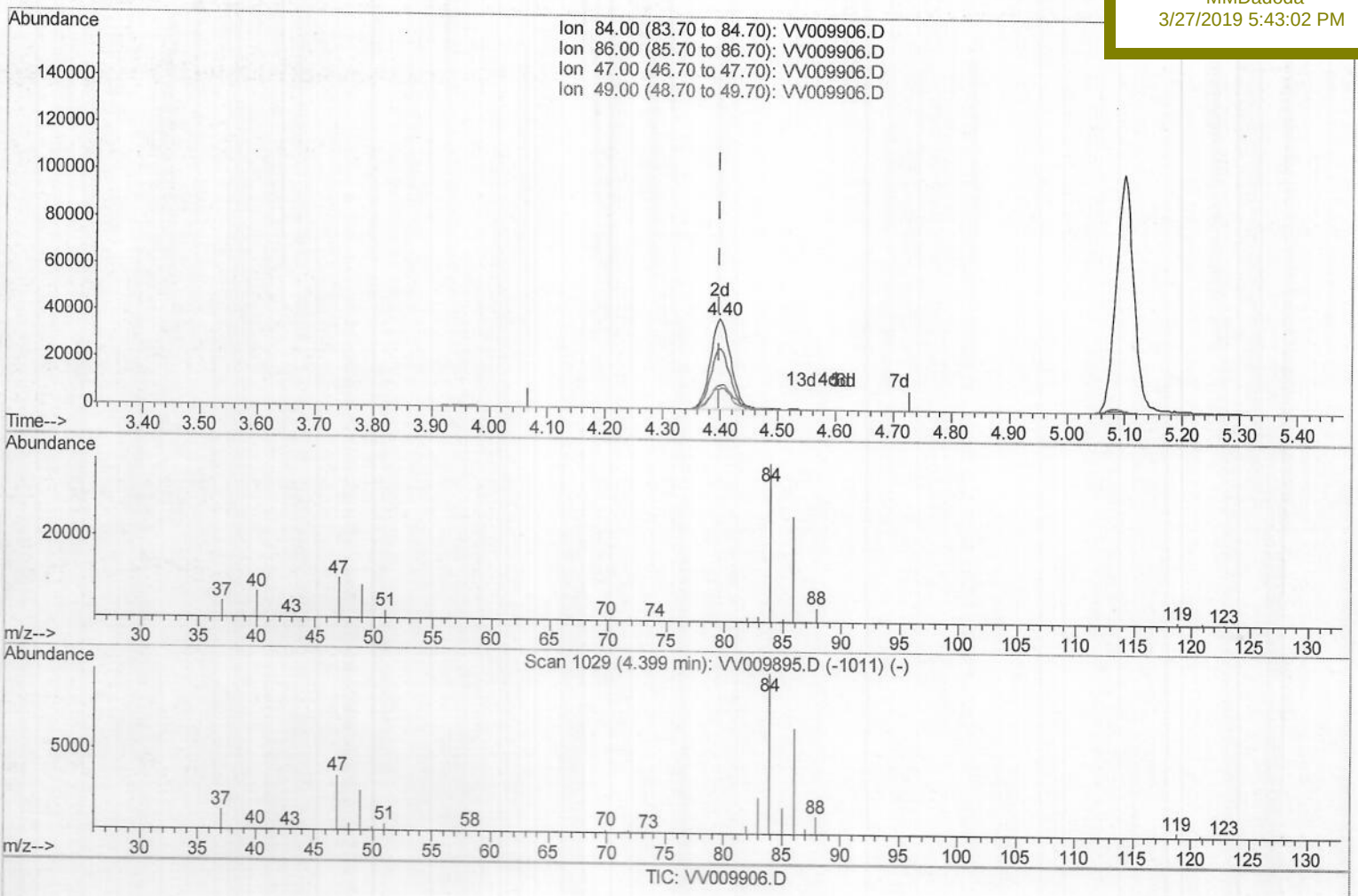
Quant Time: Mar 27 01:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF0J7

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:02 PM



TIC: VV009906.D

(24) Chloroform-d (S)

4.399min (0.000) 23.42ug/L m

response 91987

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	0.20#
47.00	49.10	0.12#
49.00	31.70	0.08#

M.D
03/27/19

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

Quantitation Report (QT Reviewed)

Data File : VV009906.D
Acq On : 26 Mar 2019 20:46
Operator : SY/MD
Sample : K2083-20
Misc : 6.21G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 02:37:29 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 : BF0J7

Manual Integrations APPROVED
MMDadoda
3/27/2019 5:43:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154138	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64645	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	75368	24.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.40%			
7) Chloroethane-d5	1.57	69	84502	25.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.04%			
10) 1,1-Dichloroethene-d2	2.13	63	162595	19.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.00%			
20) 2-Butanone-d5	3.93	46	24986	42.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.74%			
24) Chloroform-d	4.40	84	91987m	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.68%			
26) 1,2-Dichloroethane-d4	5.08	65	59206	25.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%			
29) Benzene-d6	5.10	84	217881	26.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.32%			
33) 1,2-Dichloropropane-d6	6.12	67	66130	27.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.28%			
37) Toluene-d8	7.36	98	196134	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.16%			
38) trans-1,3-Dichloropropene-	7.66	79	20251	20.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.80%			
39) 2-Hexanone-d5	8.13	63	16607	36.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.50%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50045	20.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	63670	25.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.48%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	3005	1.184	ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	6137	2.752	ug/L	71
25) Chloroform	4.43	83	12901	3.159	ug/L	92
35) Trichloroethene	5.96	95	7269	3.185	ug/L #	87

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

MD 03/27/19