Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

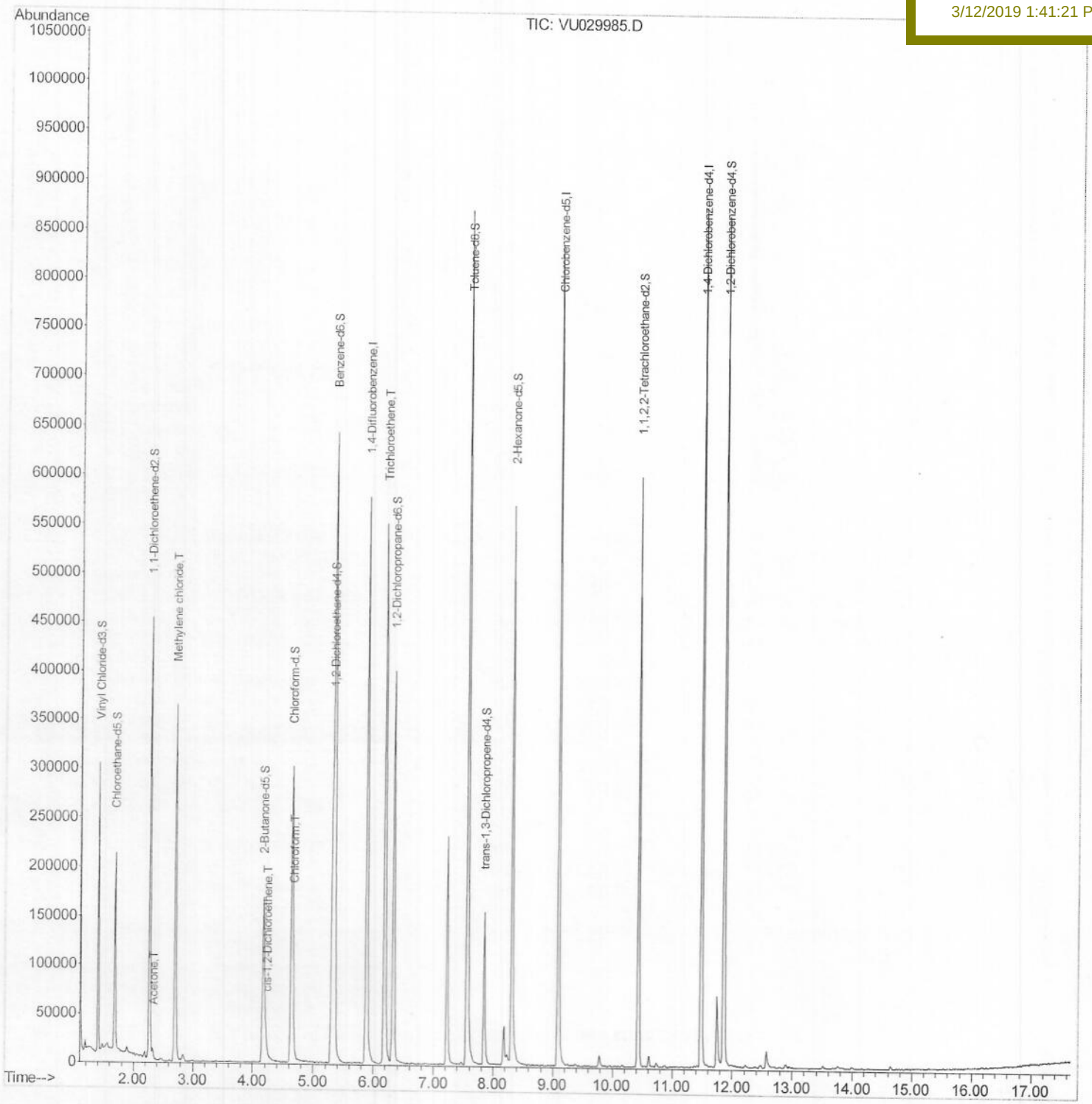
Quantitation Report (QT Reviewed)

Data File : VU029985.D
Acq On : 11 Mar 2019 23:01
Operator : JC/SP
Sample : K1763-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 07:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0957DL

Manual Integrations APPROVED
MMDadoda
3/12/2019 1:41:21 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

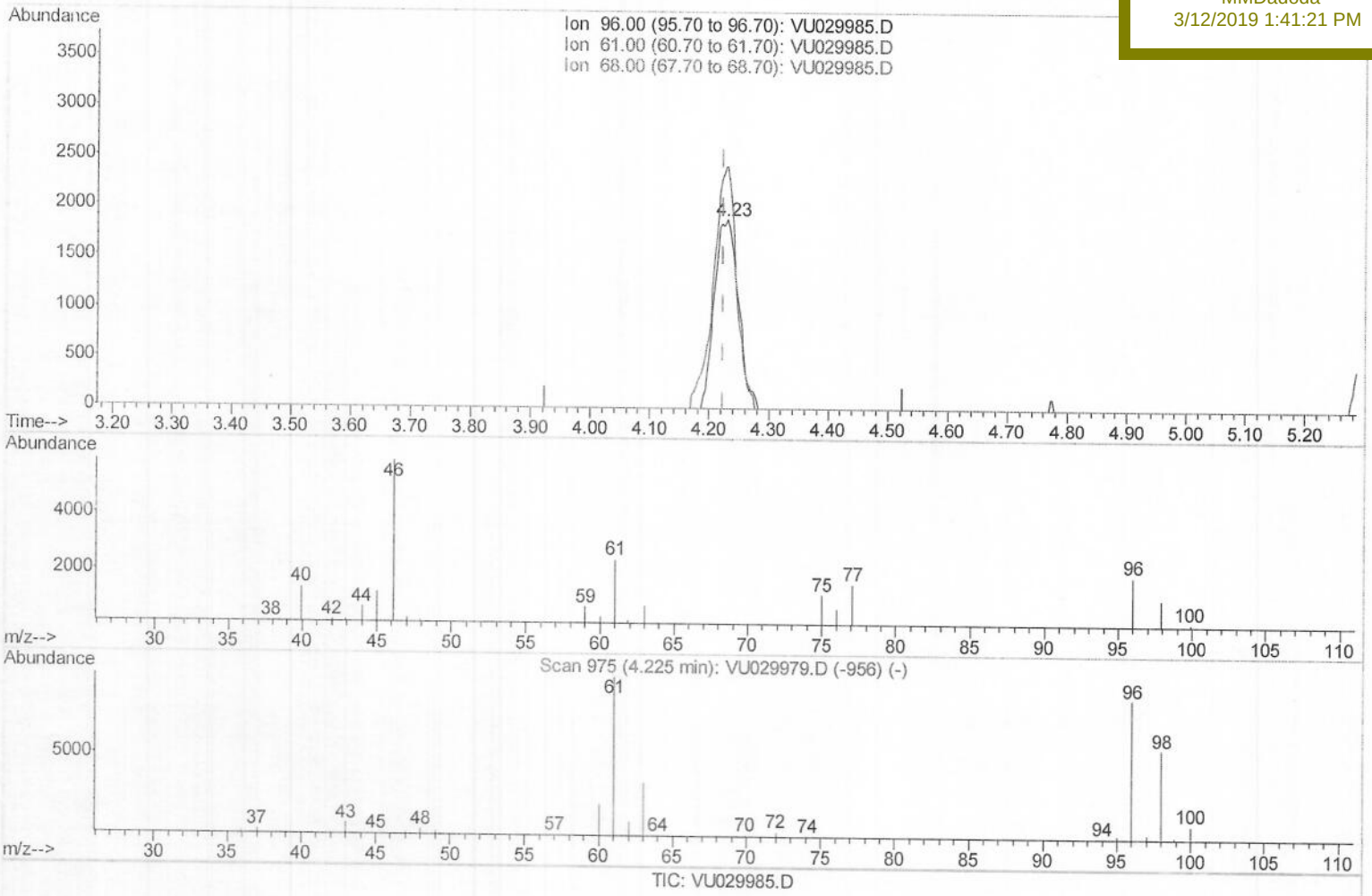
Quantitation Report (Qedit)

Data File : VU029985.D
Acq On : 11 Mar 2019 23:01
Operator : JC/SP
Sample : K1763-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 07:10:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0957DL

Manual Integrations APPROVED
MMDadoda
3/12/2019 1:41:21 PM



TIC: VU029985.D

(20) cis-1,2-Dichloroethene (T)

4.231min (+0.006) 1.26ug/L m

response 5296

M.P 03/15/19

Ion	Exp%	Act%
96.00	100	100
61.00	115.50	128.00
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

Quantitation Report (Qedit)

Data File : VU029985.D
Acq On : 11 Mar 2019 23:01
Operator : JC/SP
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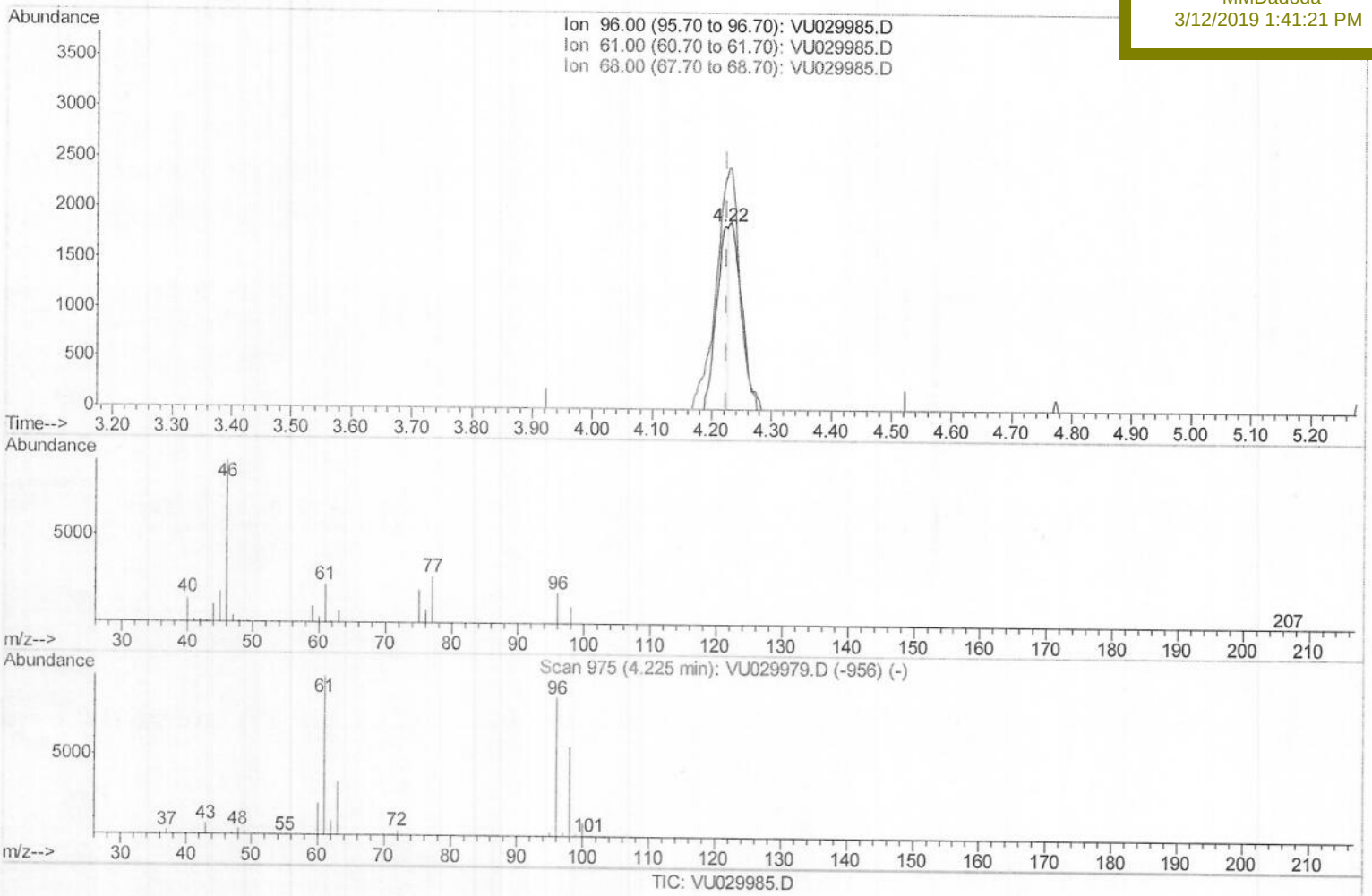
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 07:10:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0957DL

Manual Integrations APPROVED
MMDadoda
3/12/2019 1:41:21 PM



TIC: VU029985.D

(20) cis-1,2-Dichloroethene (T)

4.222min (-0.003) 0.57ug/L

response 2415

Ion	Exp%	Act%
96.00	100	100
61.00	115.50	123.85
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\

Quantitation Report (QT Reviewed)

Data File : VU029985.D
Acq On : 11 Mar 2019 23:01
Operator : JC/SP
Sample : K1763-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 07:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0957DL

Manual Integrations APPROVED
MMDadoda
3/12/2019 1:41:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	542201	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514976	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250079	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	186988	52.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.28%			
7) Chloroethane-d5	1.68	69	147970	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.22%			
11) 1,1-Dichloroethene-d2	2.27	63	251326	38.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.64%			
21) 2-Butanone-d5	4.17	46	258590	96.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.24%			
24) Chloroform-d	4.65	84	313503	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.46%			
26) 1,2-Dichloroethane-d4	5.31	65	186398	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
32) Benzene-d6	5.34	84	693981	52.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.70%			
36) 1,2-Dichloropropane-d6	6.33	67	211921	52.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.48%			
41) Toluene-d8	7.56	98	640880	51.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.26%			
43) trans-1,3-Dichloropropene-	7.85	79	94590	48.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.26%			
47) 2-Hexanone-d5	8.31	63	223490	98.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.45%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302148	48.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.92%			
64) 1,2-Dichlorobenzene-d4	11.86	152	255093	52.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.32%			
Target Compounds						Qvalue
13) Acetone	2.32	43	7833	2.493	ug/L	94
16) Methylene chloride	2.70	84	174873	43.578	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	5296m	1.257	ug/L	
25) Chloroform	4.68	83	9118	1.367	ug/L	88
34) Trichloroethene	6.18	95	198307	51.346	ug/L	99

M.D 03/15/19

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