Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

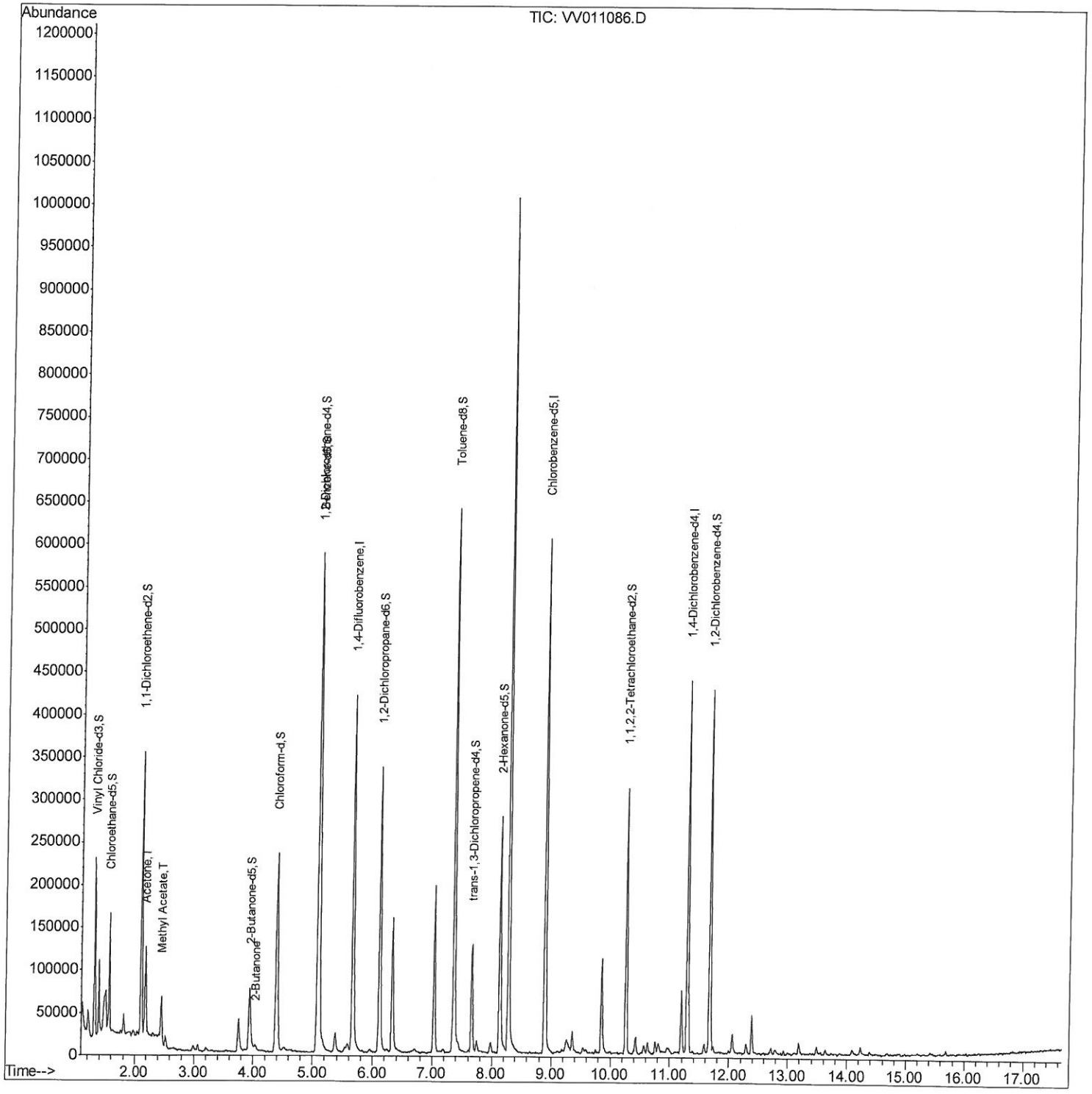
Quantitation Report (QT Reviewed)

Data File : VV011086.D
Acq On : 29 May 2019 03:35
Operator : SY/MD
Sample : K3016-15
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 04:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Manual Integrations APPROVED
MMDadoda
5/29/2019 3:43:42 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

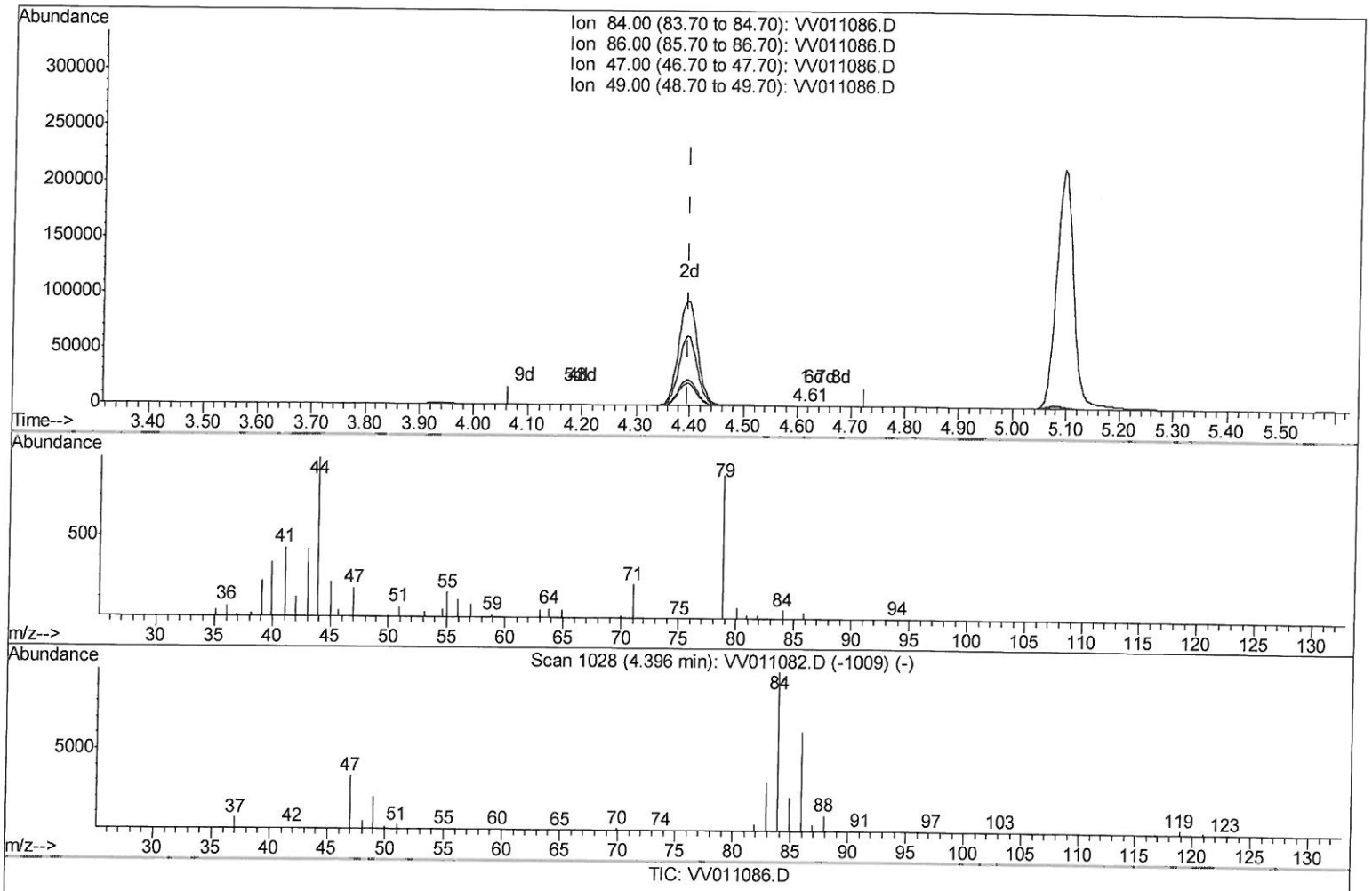
Quantitation Report (Qedit)

Data File : VV011086.D
Acq On : 29 May 2019 03:35
Operator : SY/MD
Sample : K3016-15
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 04:10:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Manual Integrations APPROVED
MMDadoda
5/29/2019 3:43:42 PM



(24) Chloroform-d (S)

4.614min (+0.219) 0.01ug/L

response 122

Ion	Exp%	Act%
84.00	100	100
86.00	62.60	60.66
47.00	50.50	63.11
49.00	29.00	33.61

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

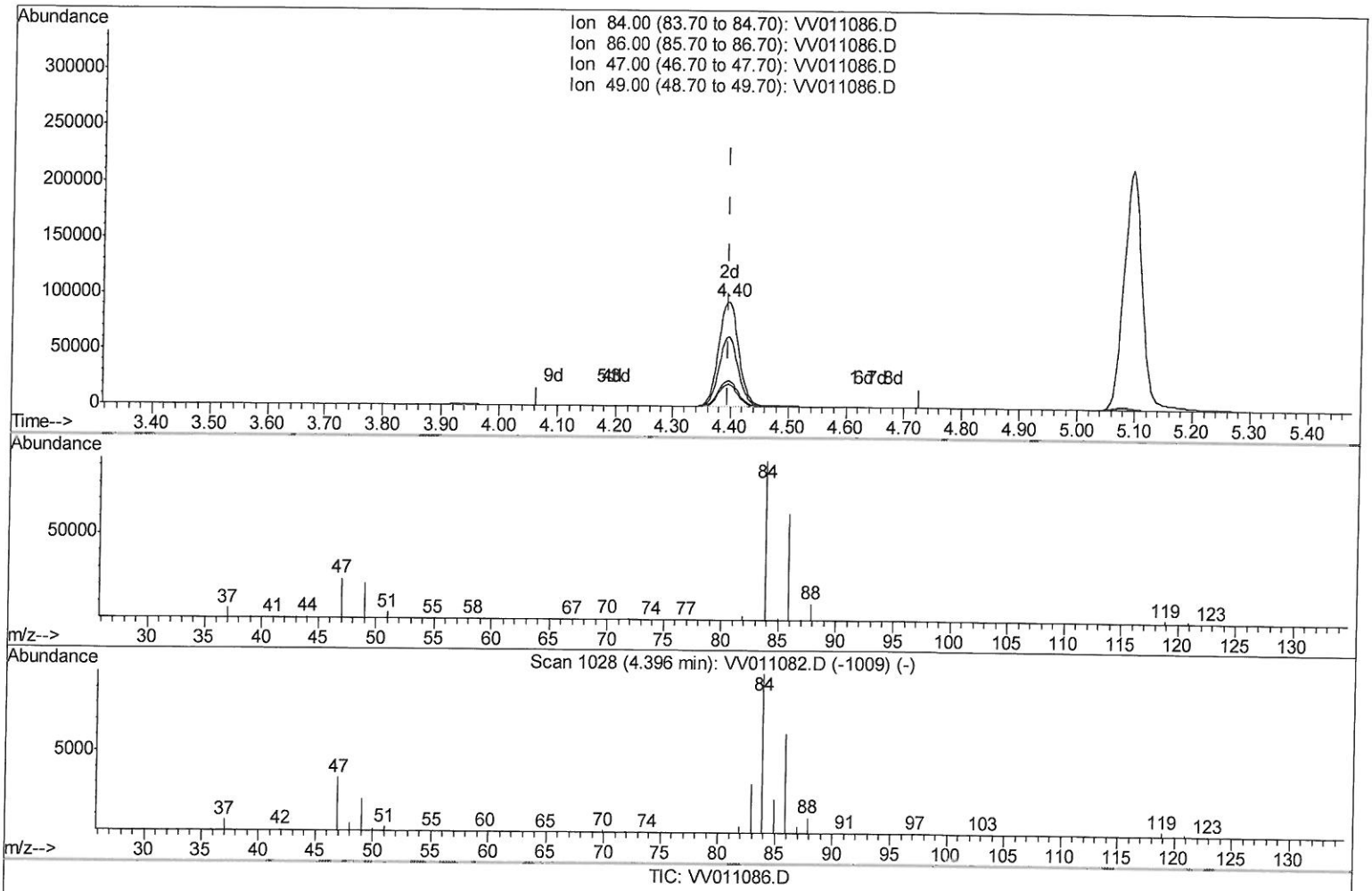
Quantitation Report (Qedit)

Data File : VV011086.D
Acq On : 29 May 2019 03:35
Operator : SY/MD
Sample : K3016-15
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 04:10:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Manual Integrations APPROVED
MMDadoda
5/29/2019 3:43:42 PM



TIC: VV011086.D

(24) Chloroform-d (S)

4.396min (+0.000) 26.76ug/L m 05/31/19 SY

response 228928

Ion	Exp%	Act%
84.00	100	100
86.00	62.60	0.03#
47.00	50.50	0.03#
49.00	29.00	0.02#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

Quantitation Report (QT Reviewed)

Data File : VV011086.D
Acq On : 29 May 2019 03:35
Operator : SY/MD
Sample : K3016-15
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 29 04:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : A51D2

Manual Integrations APPROVED
MMDadoda
5/29/2019 3:43:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	352782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	309775	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106966	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	107086	22.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.56%			
7) Chloroethane-d5	1.56	69	84724	24.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.16%			
10) 1,1-Dichloroethene-d2	2.12	63	167270	18.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.36%			
20) 2-Butanone-d5	3.94	46	118728	71.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.44%#			
24) Chloroform-d	4.40	84	228928m	26.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.04%			
26) 1,2-Dichloroethane-d4	5.08	65	151654	27.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.92%			
29) Benzene-d6	5.09	84	482584	26.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.44%			
33) 1,2-Dichloropropane-d6	6.11	67	159343	27.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.44%			
37) Toluene-d8	7.36	98	418665	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.16%			
38) trans-1,3-Dichloropropene-	7.66	79	67585	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.56%			
39) 2-Hexanone-d5	8.13	63	95121	75.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 151.32%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	148546	29.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	101361	23.96	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.84%			
Target Compounds						Qvalue
13) Acetone	2.19	43	97903	51.842	ug/L	99
15) Methyl Acetate	2.46	43	50914	18.678	ug/L #	100
21) 2-Butanone	4.04	43	9756	4.195	ug/L	96

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

05/31/19 SY