Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

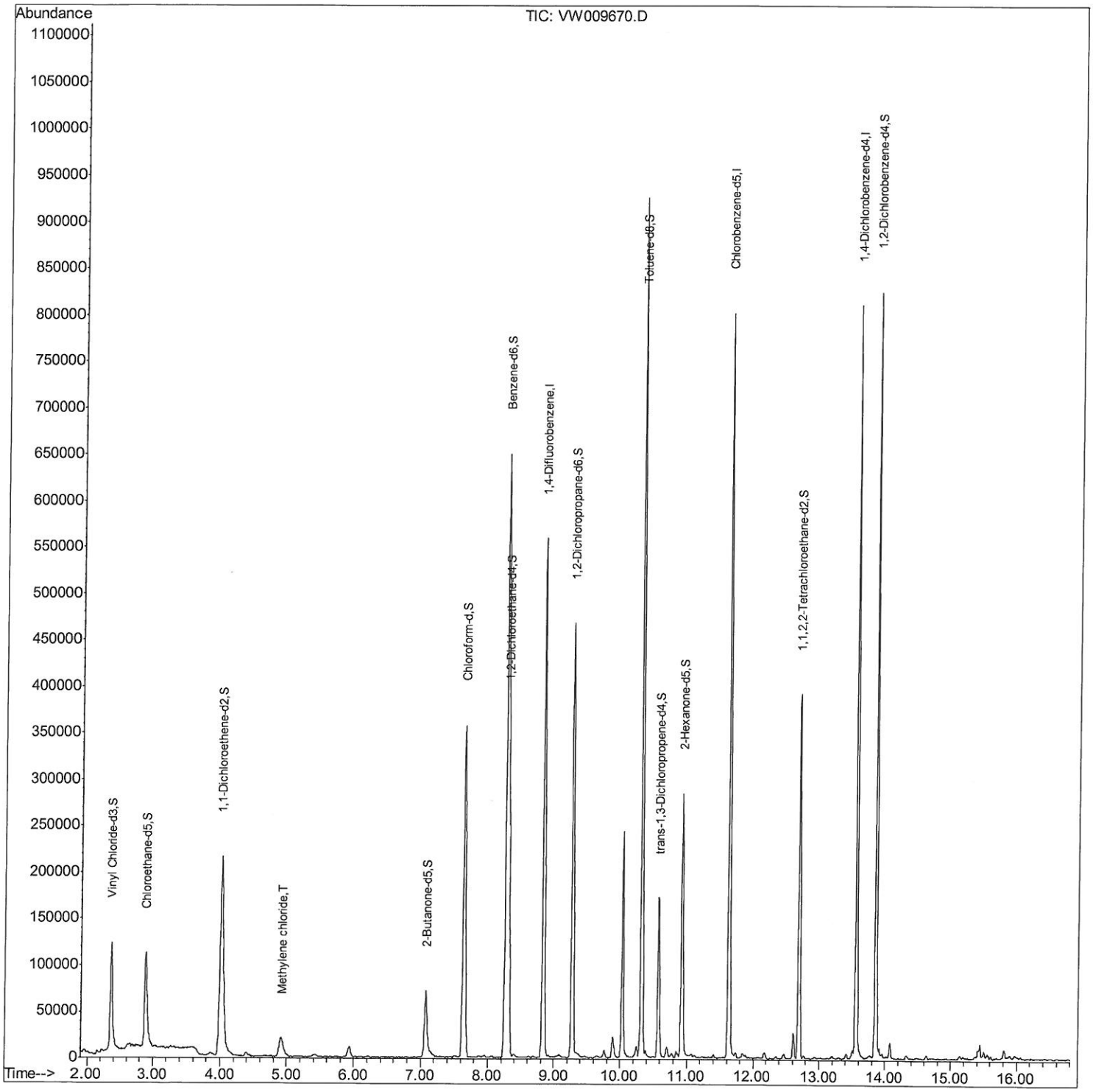
Quantitation Report (QT Reviewed)

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:54:21 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

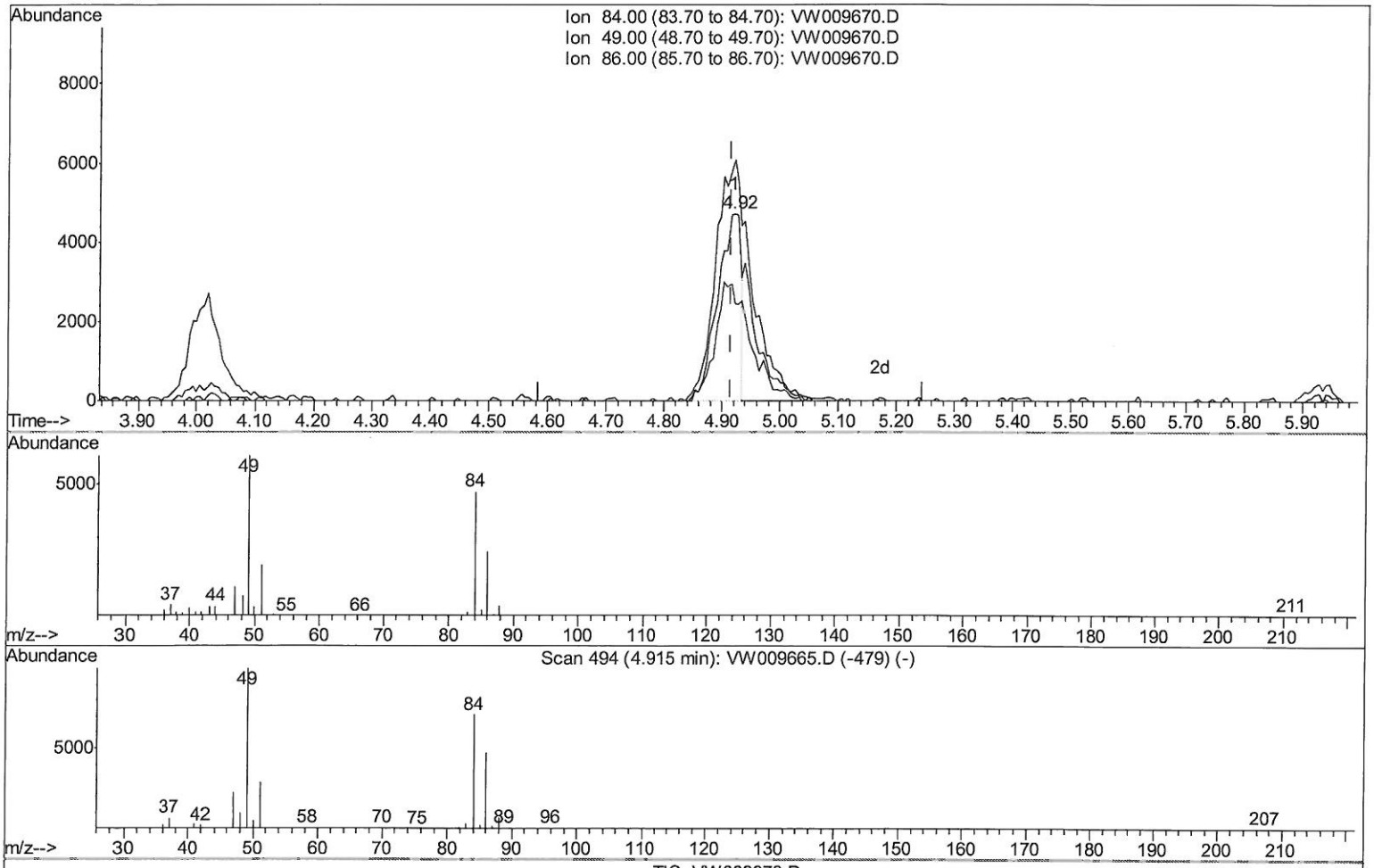
Quantitation Report (Qedit)

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:06:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:54:21 AM



(16) Methylene chloride (T)

4.922min (+0.006) 1.77ug/L

response 13274

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	128.57
86.00	66.30	51.97
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (Qedit)

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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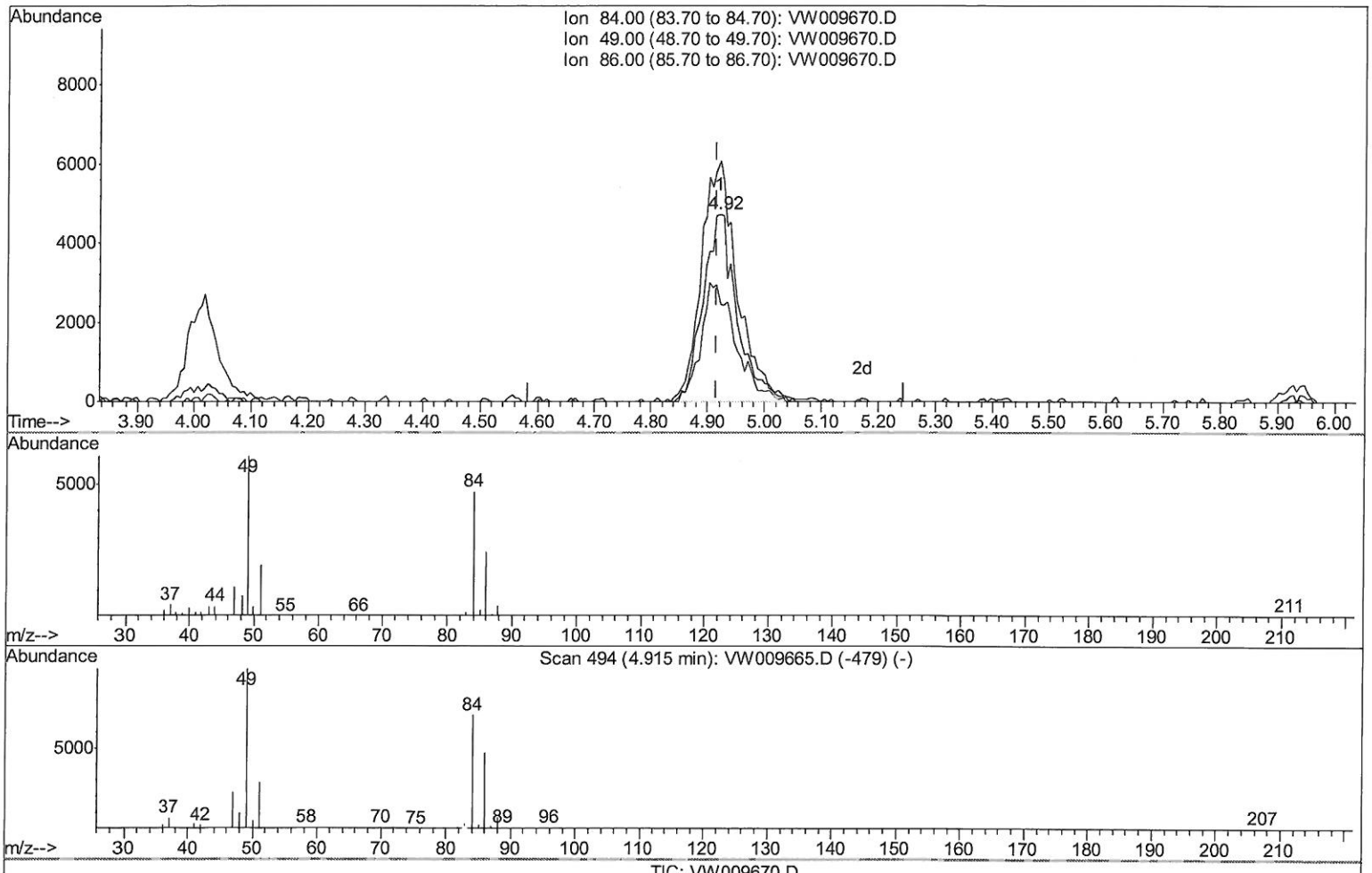
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:54:21 AM



TIC: VW009670.D

(16) Methylene chloride (T)

4.922min (+0.006) 2.57ug/L m

response 19315

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	128.57
86.00	66.30	51.97
0.00	0.00	0.00

→ MD 4/7/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\

Quantitation Report (QT Reviewed)

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 04 02:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
4/10/2019 8:54:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185293	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	168843	30.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.04%			
7) Chloroethane-d5	2.89	69	149373	29.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.88%			
10) 1,1-Dichloroethene-d2	4.01	63	269639	22.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.88%			
20) 2-Butanone-d5	7.07	46	123007	67.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.80%#			
24) Chloroform-d	7.65	84	327059	28.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.44%			
26) 1,2-Dichloroethane-d4	8.31	65	211155	29.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.24%			
29) Benzene-d6	8.27	84	628902	28.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.76%			
33) 1,2-Dichloropropane-d6	9.27	67	188668	27.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.44%			
37) Toluene-d8	10.32	98	573231	28.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.12%			
38) trans-1,3-Dichloropropene-	10.57	79	87174	26.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.96%			
39) 2-Hexanone-d5	10.93	63	81252	63.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	179321	28.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.96%			
61) 1,2-Dichlorobenzene-d4	13.86	152	200092	30.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.08%#			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	19315m	2.568	ug/L	

JMD 4/7/19

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