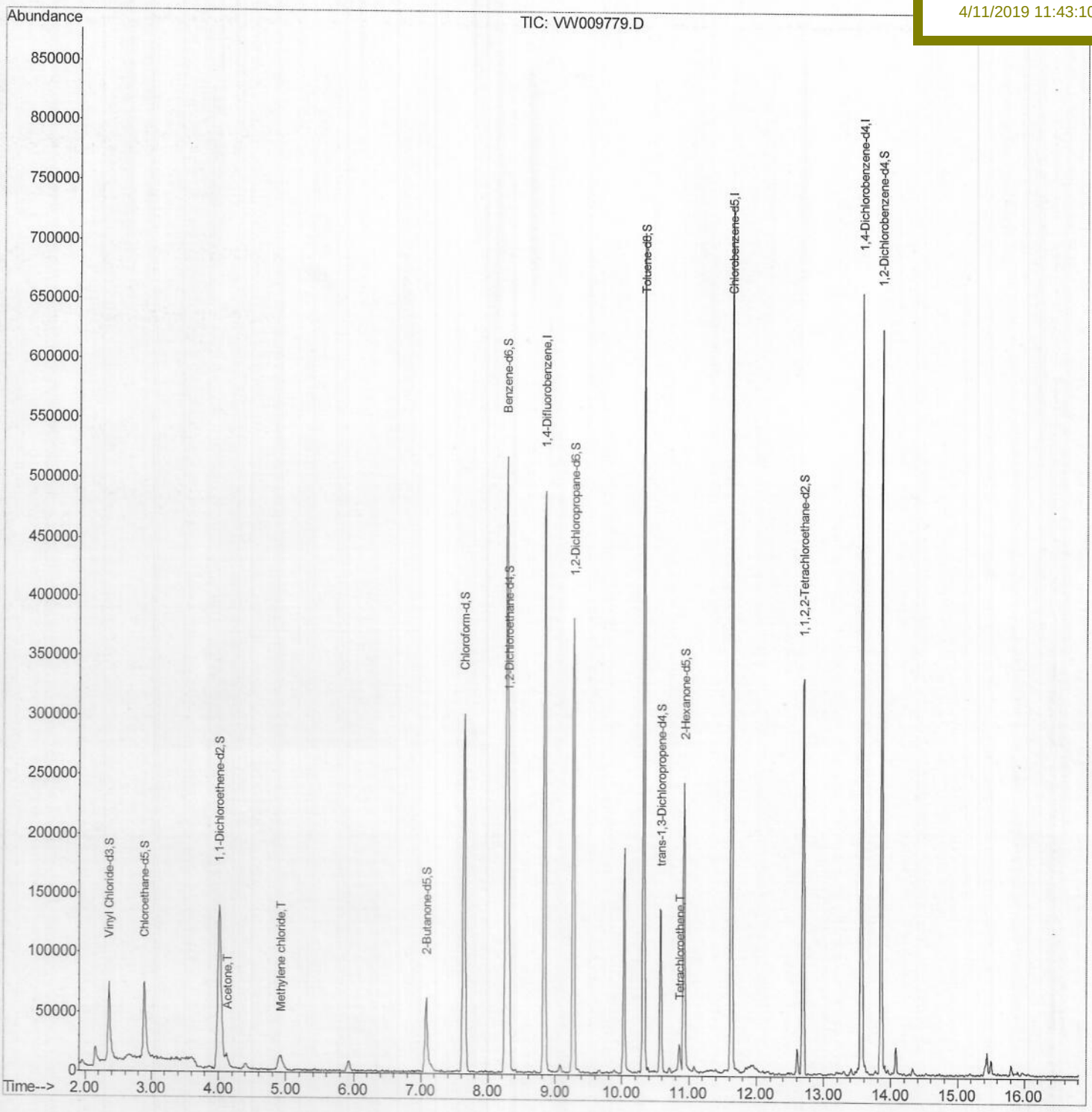
· Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009779.D
Acq On : 06 Apr 2019 18:13
Operator : SY/VA
Sample : K2168-15
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 06:47:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF640

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:10 AM



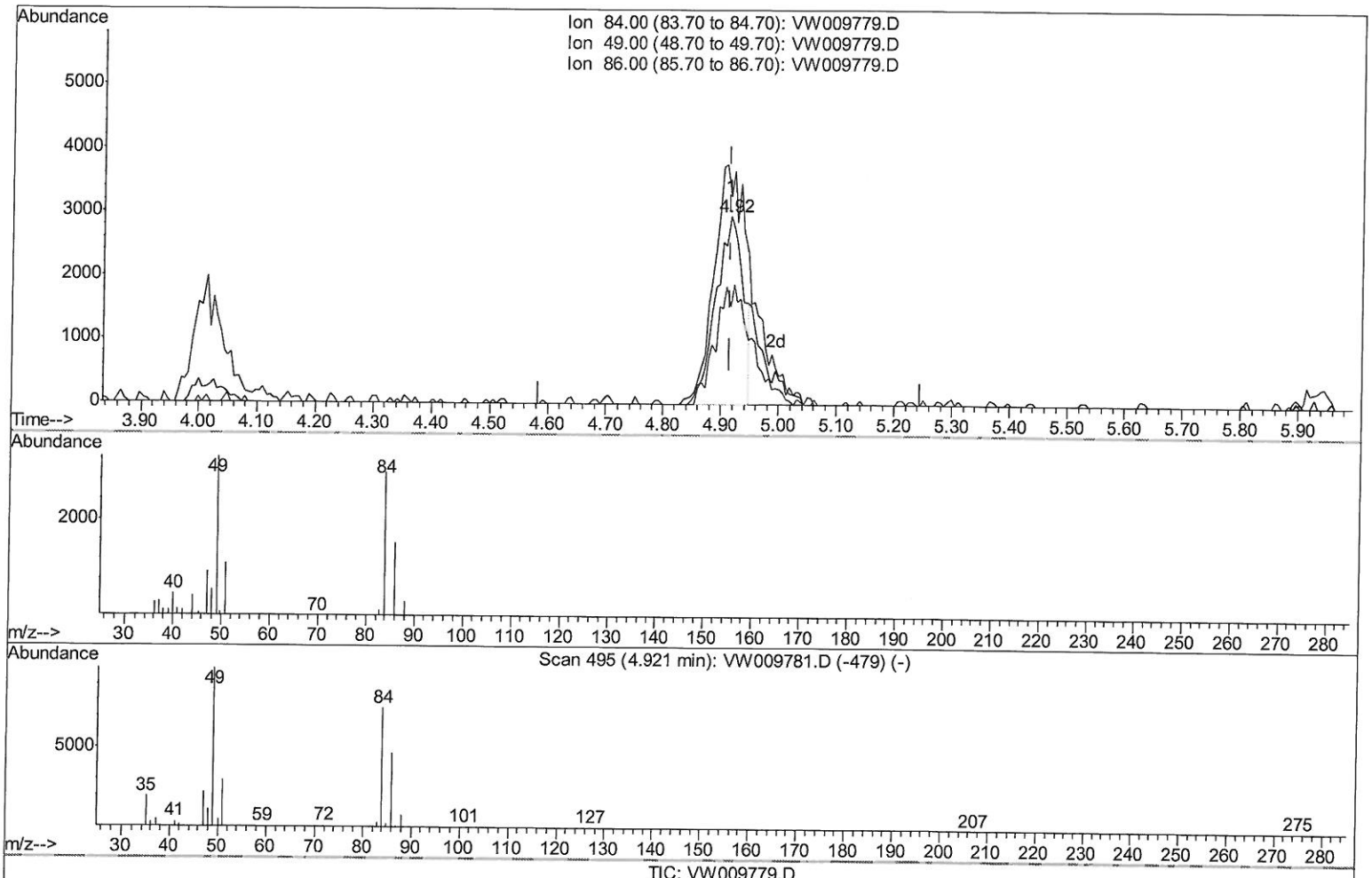
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009779.D
Acq On : 06 Apr 2019 18:13
Operator : SY/VA
Sample : K2168-15
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 04:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF640

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:10 AM



TIC: VW009779.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.42ug/L

response 9455

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	110.20
86.00	66.30	52.02
0.00	0.00	0.00

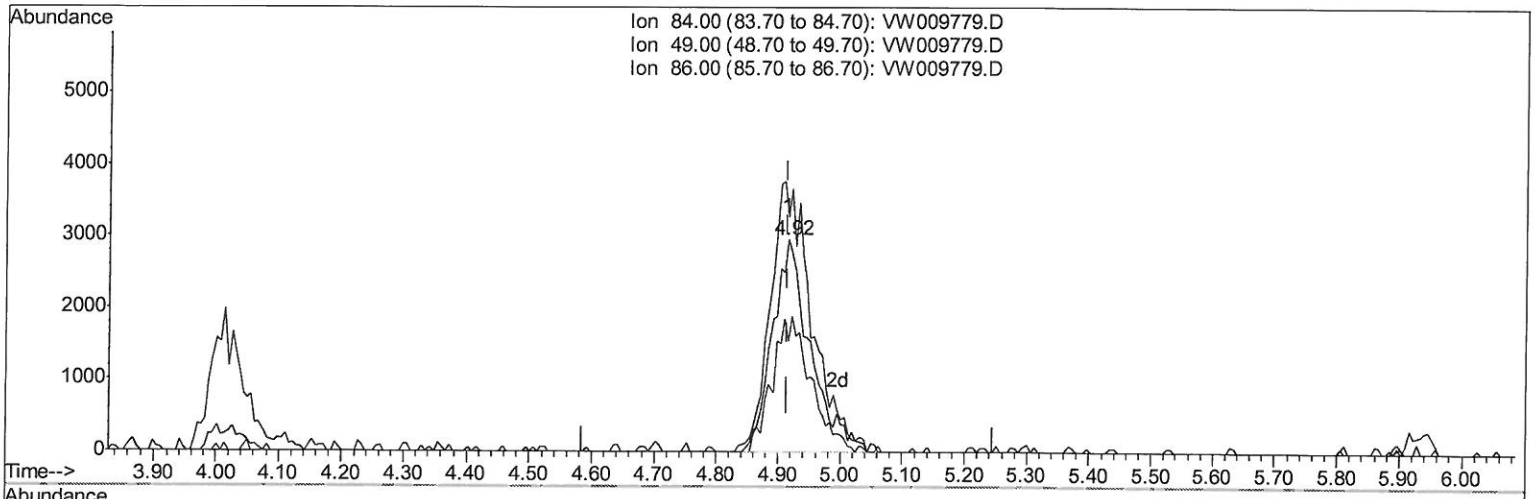
Quantitation Report (Qedit)

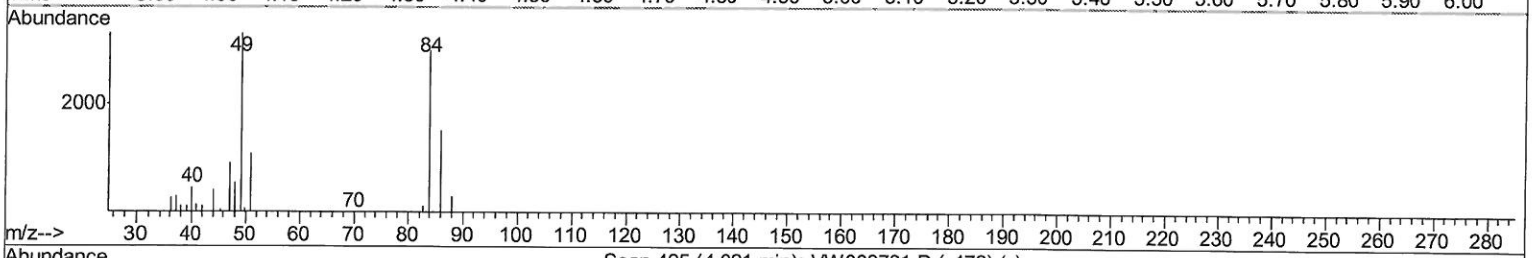
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009779.D
Acq On : 06 Apr 2019 18:13
Operator : SY/VA
Sample : K2168-15
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

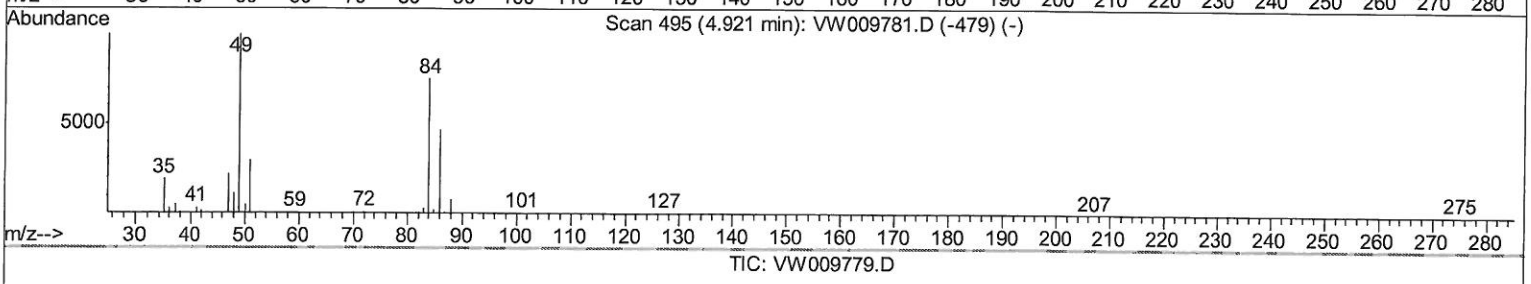
Quant Time: Apr 07 04:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF640

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:10 AM







TIC: VW009779.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.87ug/L m

response 12424

7 MD 4/9/19

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	110.20
86.00	66.30	52.02
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009779.D
Acq On : 06 Apr 2019 18:13
Operator : SY/VA
Sample : K2168-15
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 07 06:47:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF640

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155687	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	101060	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.92%			
7) Chloroethane-d5	2.89	69	99679	22.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.20%			
10) 1,1-Dichloroethene-d2	4.01	63	184584	17.39	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.56%			
20) 2-Butanone-d5	7.08	46	101496	63.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.68%			
24) Chloroform-d	7.64	84	277617	26.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.92%			
26) 1,2-Dichloroethane-d4	8.30	65	177725	28.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.52%			
29) Benzene-d6	8.27	84	493978	25.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.68%			
33) 1,2-Dichloropropane-d6	9.27	67	157466	26.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.00%			
37) Toluene-d8	10.32	98	433376	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.44%			
38) trans-1,3-Dichloropropene-	10.57	79	66949	23.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.48%			
39) 2-Hexanone-d5	10.93	63	71205	63.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.14%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153306	27.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.00%			
61) 1,2-Dichlorobenzene-d4	13.86	152	154326	28.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.00%			
Target Compounds						Qvalue
13) Acetone	4.12	43	18937	11.030	ug/L	98
16) Methylene chloride	4.92	84	12424m	1.868	ug/L	
47) Tetrachloroethene	10.86	164	4045	0.890	ug/L	81

M.D 4/9/19

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