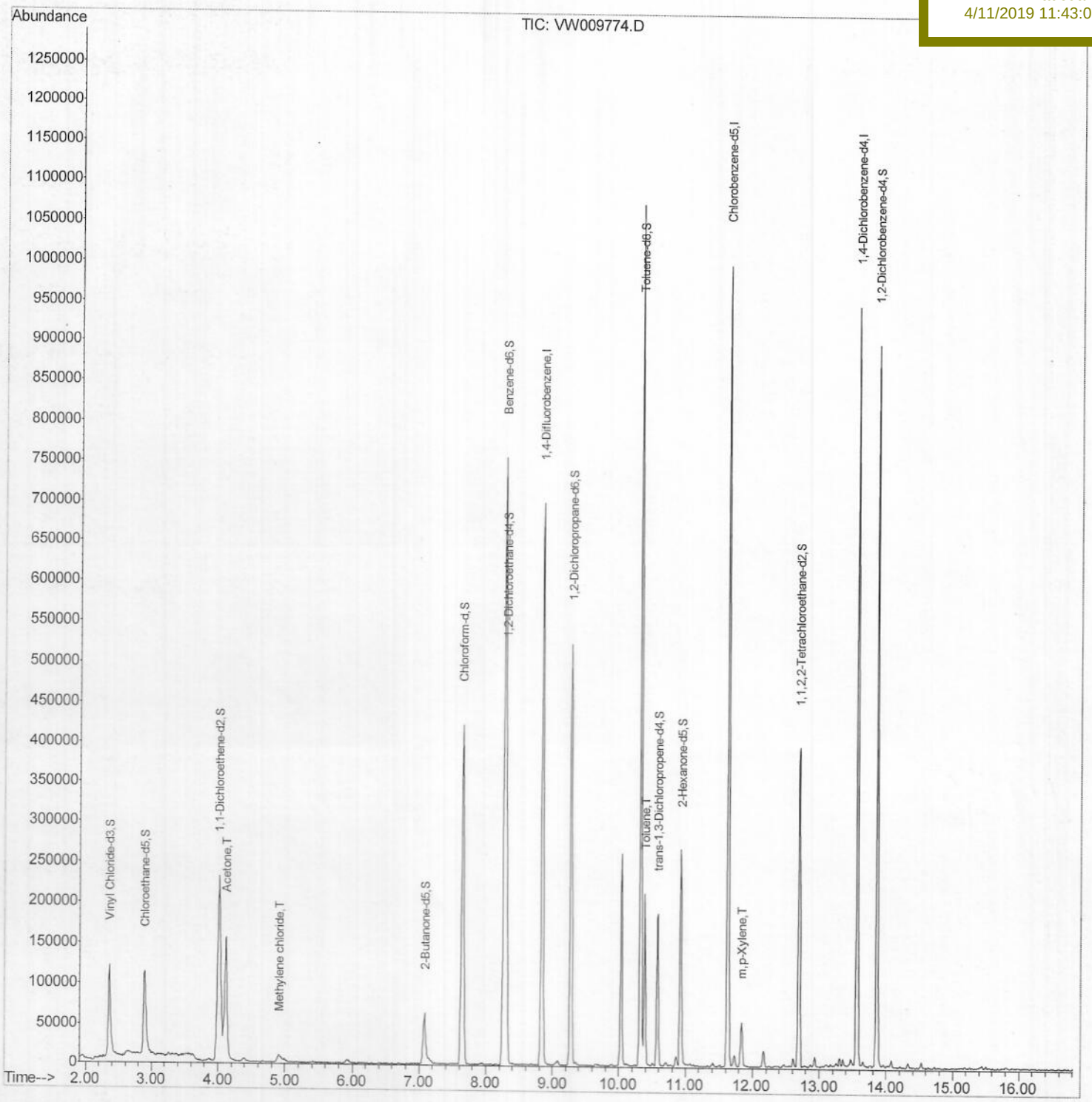
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009774.D
Acq On : 06 Apr 2019 15:56
Operator : SY/VA
Sample : K2277-19
Misc : 5.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 03:48:12 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 :
BF2R3

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:06 AM



Quantitation Report (Qedit)

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Quant Time: Apr 07 04:00:52 2019
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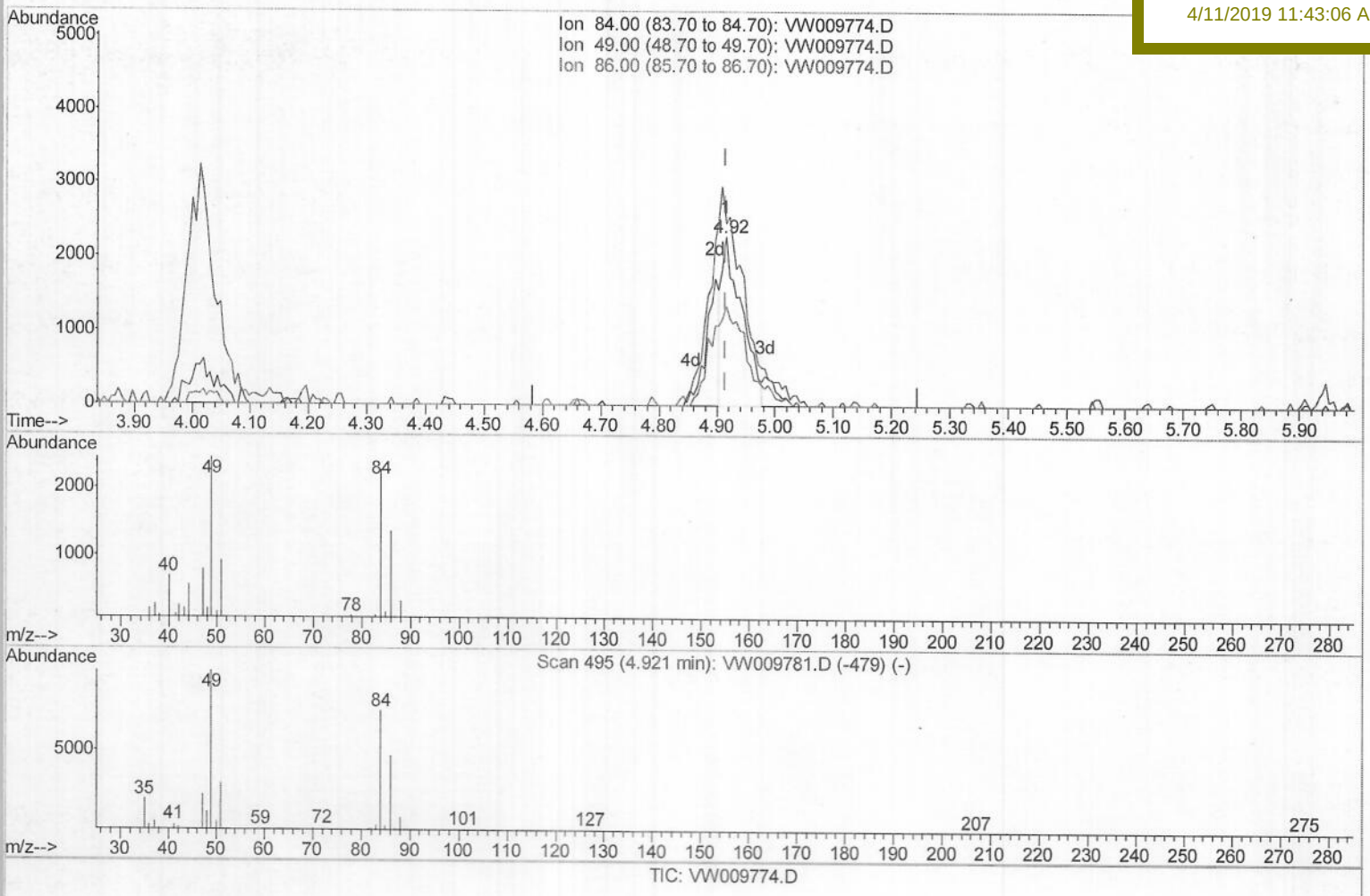

TIC: VW009774.D

(16) Methylene chloride (T)

4.915min (-0.000) 0.58ug/L

response 5457

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	107.98
86.00	66.30	59.25
0.00	0.00	0.00

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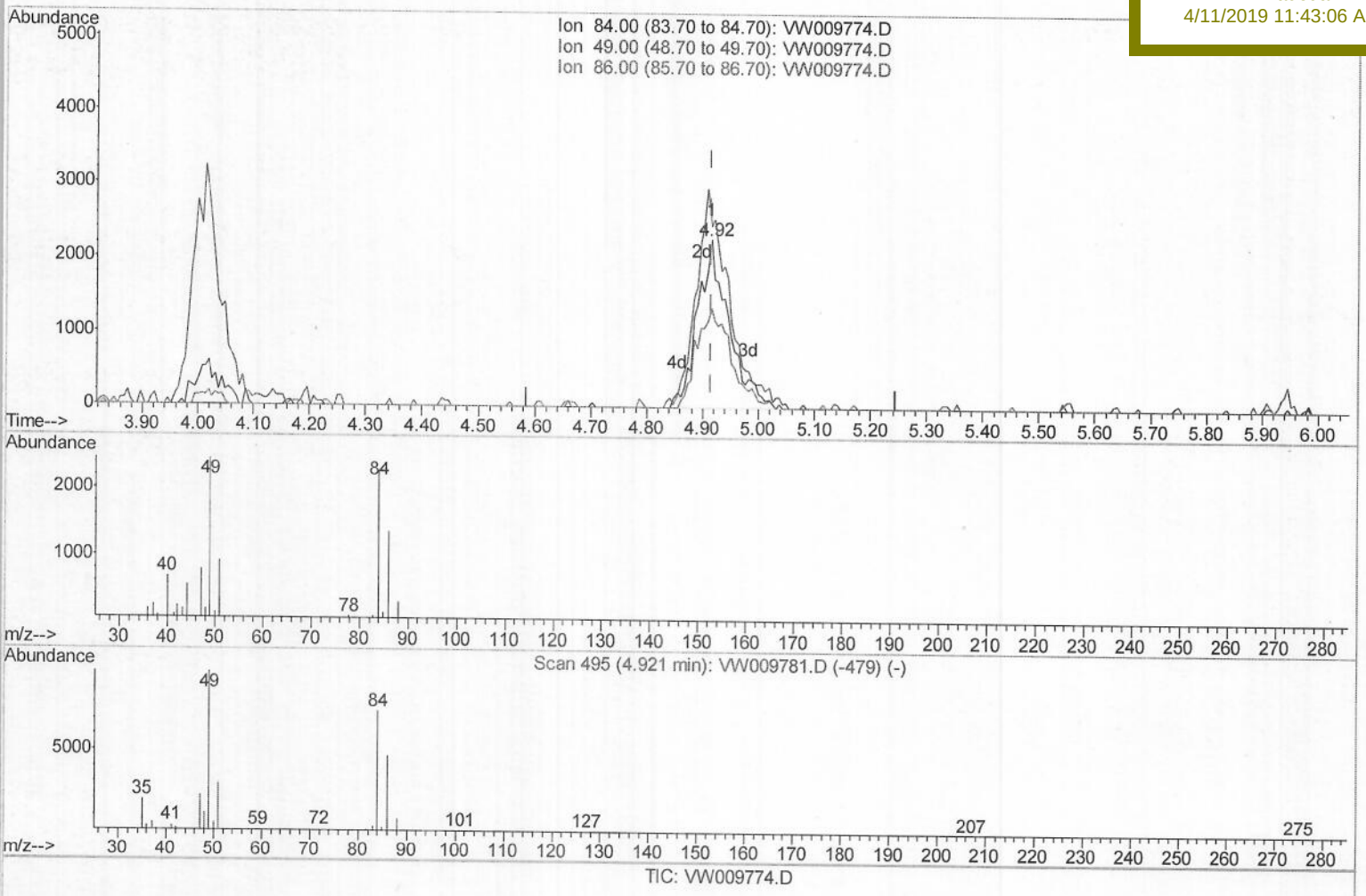
MMDadoda
4/11/2019 11:43:06 AM



TIC: VW009774.D

(16) Methylene chloride (T)

4.915min (-0.000) 0.96ug/L m

response 8944

M.D 4/24/19

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	107.98
86.00	66.30	59.25
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Quant Title : VOC Analysis
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Instrument : MSVOA_W
ClientSampleId : BF2R3

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:43:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530539	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	498363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218231	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	165547	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.40%			
7) Chloroethane-d5	2.89	69	154498	24.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.16%			
10) 1,1-Dichloroethene-d2	4.01	63	291114	19.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.00%			
20) 2-Butanone-d5	7.08	46	105922	46.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.98%			
24) Chloroform-d	7.64	84	382238	26.40	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	8.30	65	238713	26.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.44%			
29) Benzene-d6	8.27	84	723535	27.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.64%			
33) 1,2-Dichloropropane-d6	9.27	67	222094	27.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.96%			
37) Toluene-d8	10.32	98	655507	27.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.40%			
38) trans-1,3-Dichloropropene-	10.57	79	95417	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.04%			
39) 2-Hexanone-d5	10.93	63	76308	50.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.20%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182624	24.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	213882	27.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.72%			
Target Compounds						Qvalue
13) Acetone	4.12	43	269159	111.445	ug/L	100
16) Methylene chloride	4.92	84	8944m	0.956	ug/L	
44) Toluene	10.39	91	146950	4.626	ug/L	99
54) m,p-Xylene	11.83	106	14065	1.051	ug/L	89

M.D 4/24/19

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