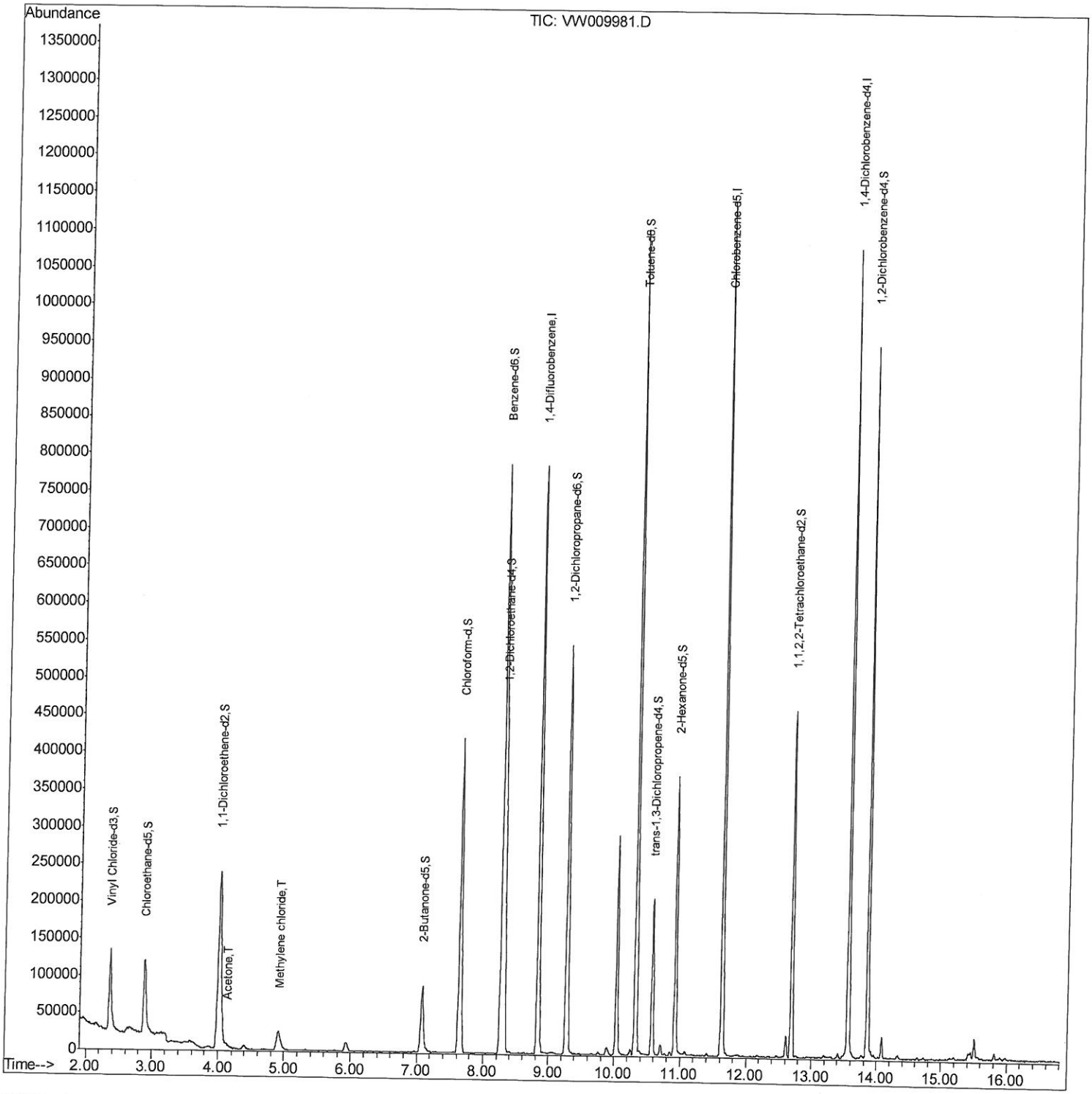
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
Data File : VW009981.D
Acq On : 15 Apr 2019 20:02
Operator : SY/VA
Sample : K2303-24
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 16 02:07:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:26:20 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
Data File : VW009981.D
Acq On : 15 Apr 2019 20:02
Operator : SY/VA
Sample : K2303-24
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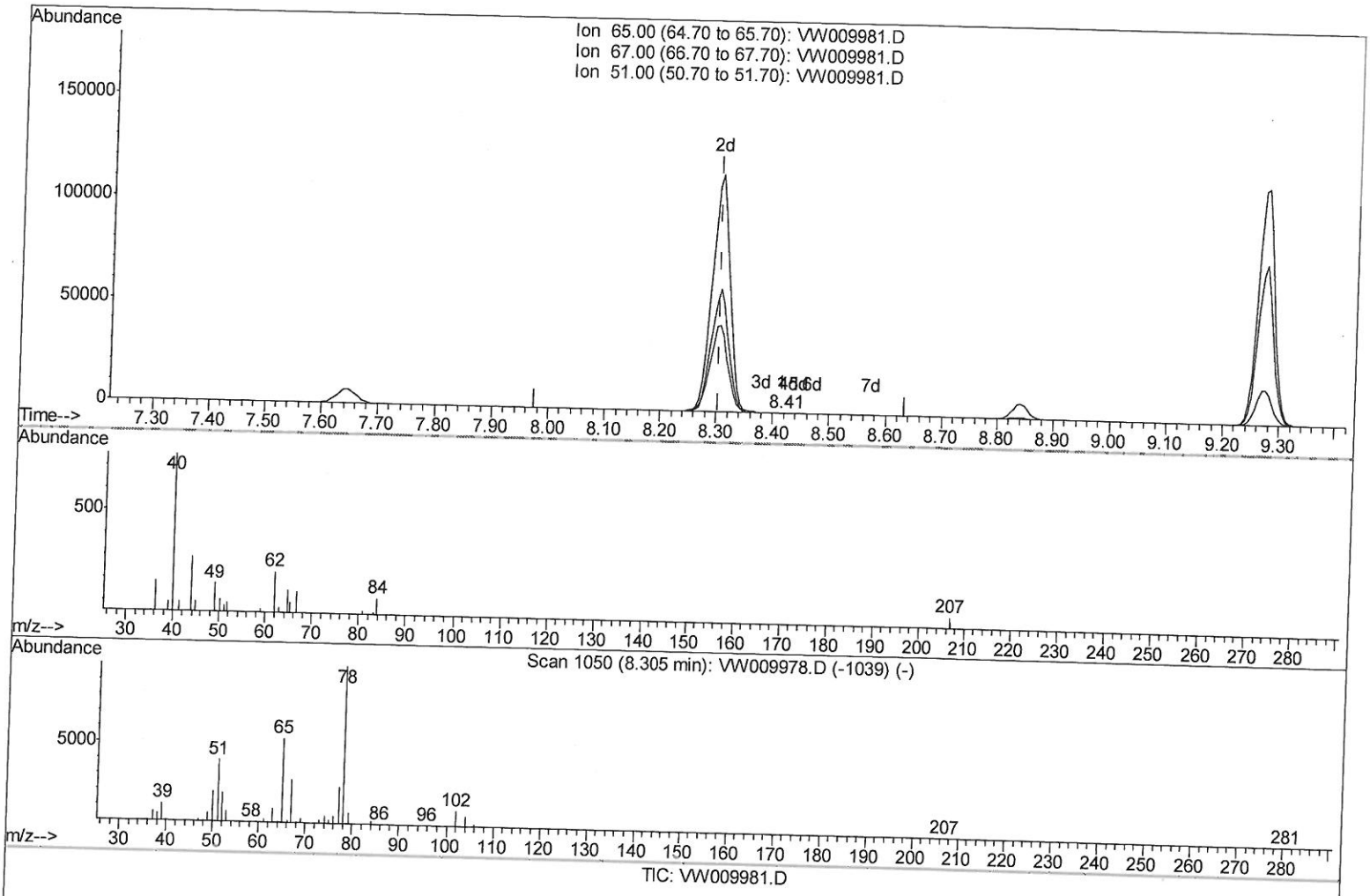
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 16 01:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:26:20 AM



(26) 1,2-Dichloroethane-d4 (S)

8.415min (+0.110) 0.02ug/L

response 247

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	46.96
51.00	99.90	72.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_W
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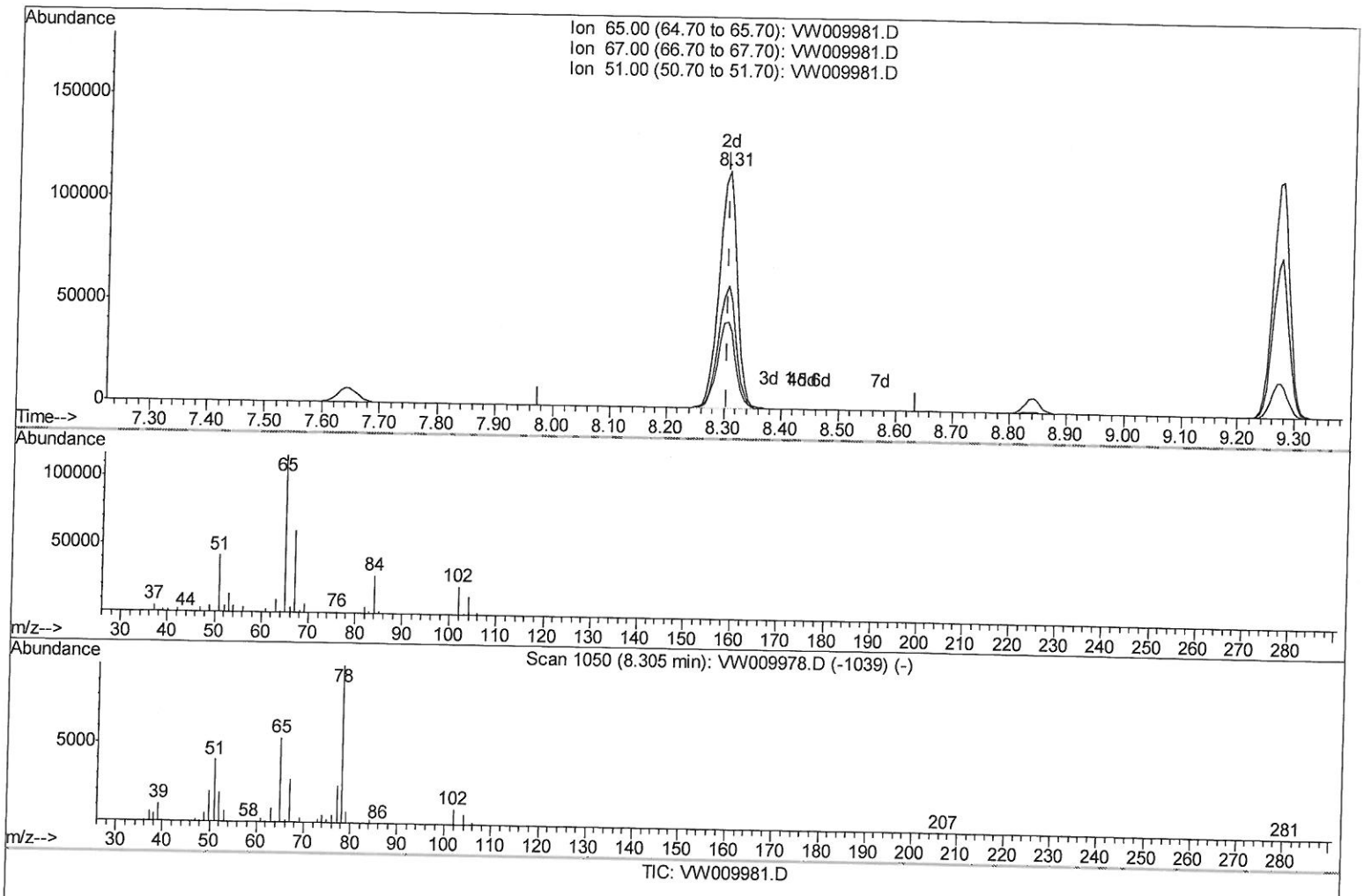
Manual Integrations APPROVED
MMDadoda
4/17/2019 9:26:20 AM



TIC: VW009981.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (-0.000) 23.22ug/L m 704 | 17 | 1954

response 250836

Ion	Exp%	Act%
65.00	100	100
67.00	50.40	0.05#
51.00	99.90	0.07#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
Data File : VW009981.D
Acq On : 15 Apr 2019 20:02
Operator : SY/VA
Sample : K2303-24
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 16 02:07:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VHBLK02

Manual Integrations APPROVED
MMDadoda
4/17/2019 9:26:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	602277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	576335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250540	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	154510	27.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.60%			
7) Chloroethane-d5	2.89	69	138329	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.96%			
10) 1,1-Dichloroethene-d2	4.01	63	298930	18.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.76%			
20) 2-Butanone-d5	7.08	46	152465	49.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.04%			
24) Chloroform-d	7.65	84	393689	22.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.44%			
26) 1,2-Dichloroethane-d4	8.31	65	250836m	23.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.88%			
29) Benzene-d6	8.27	84	755043	23.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.36%			
33) 1,2-Dichloropropane-d6	9.27	67	232830	23.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.32%			
37) Toluene-d8	10.32	98	689061	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.40%			
38) trans-1,3-Dichloropropene-	10.58	79	108474	22.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.72%			
39) 2-Hexanone-d5	10.93	63	112976	50.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	214425	22.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.88%			
61) 1,2-Dichlorobenzene-d4	13.86	152	233420	24.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.12%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6454	2.357	ug/L	85
16) Methylene chloride	4.92	84	22188	2.035	ug/L	83

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

04/17/19 SY