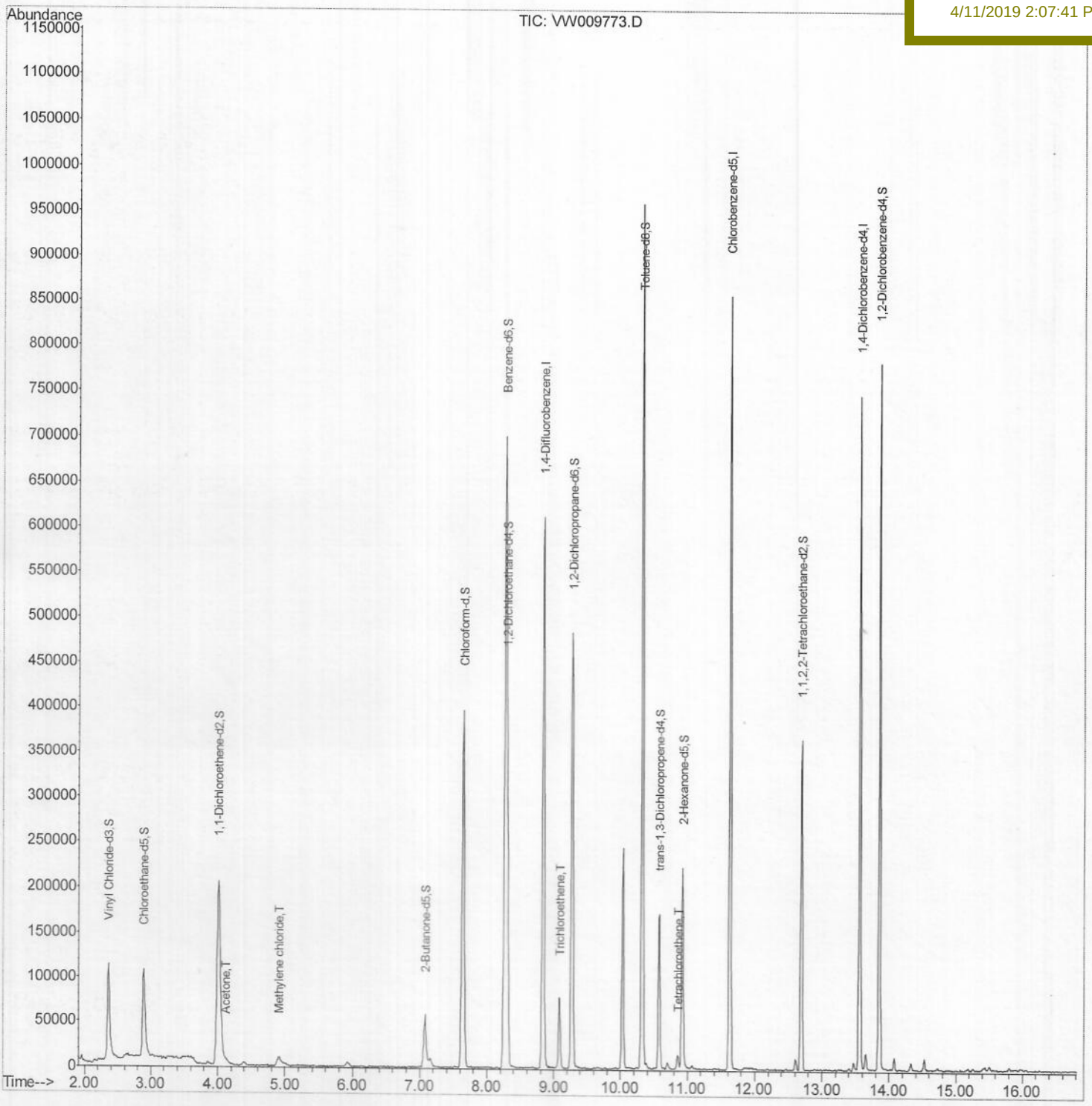
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009773.D
Acq On : 06 Apr 2019 15:29
Operator : SY/VA
Sample : K2327-06
Misc : 7.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 06:03:37 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 :
ETJ44RE

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:07:41 PM



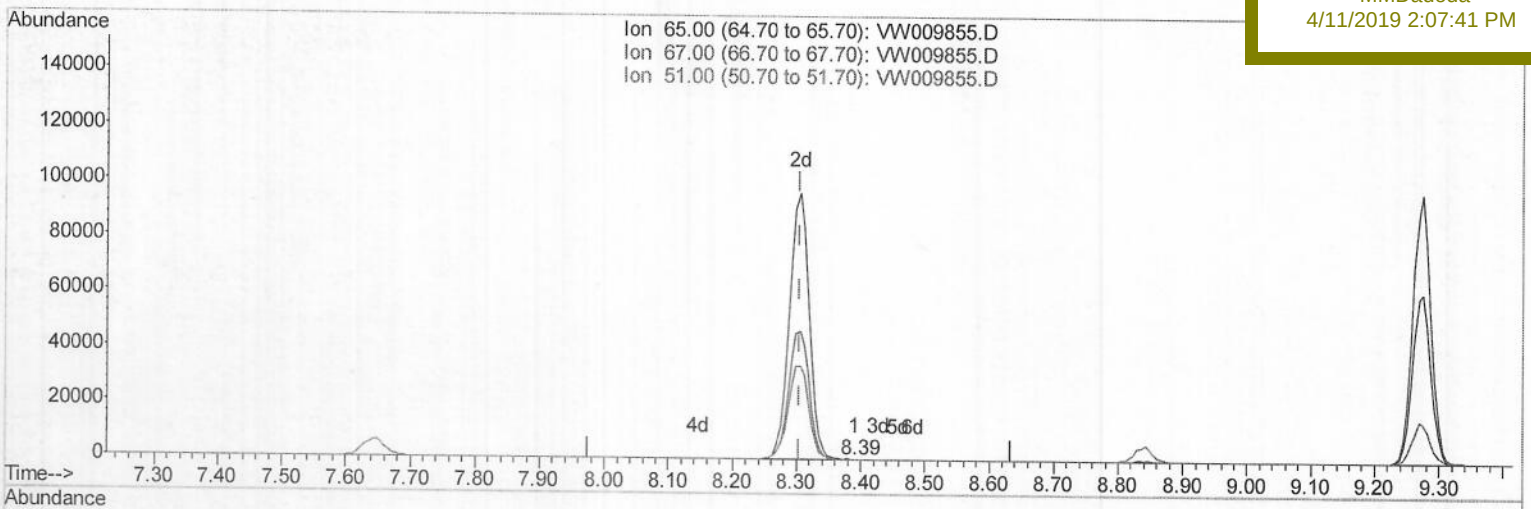
Quantitation Report (Qedit)

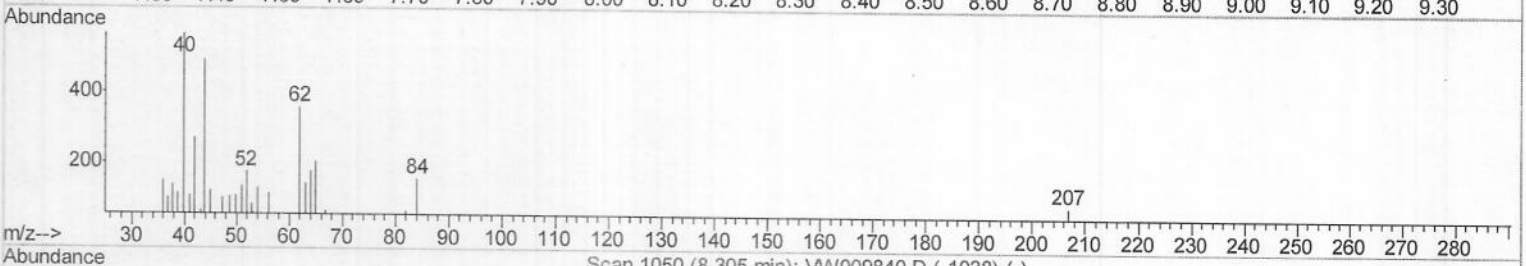
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009855.D
Acq On : 09 Apr 2019 23:39
Operator : SY/VA
Sample : K2327-12
Misc : 4.81G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

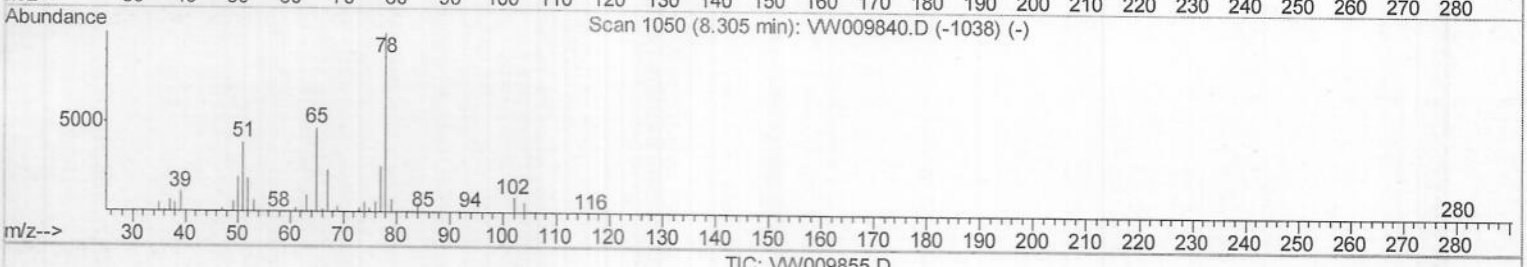
Quant Time: Apr 10 04:46:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:42:28 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETJ44RE

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:07:41 PM







TIC: VW009855.D

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

8.391min (+0.086) 0.04ug/L

response 255

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	44.31
51.00	109.90	126.67
0.00	0.00	0.00

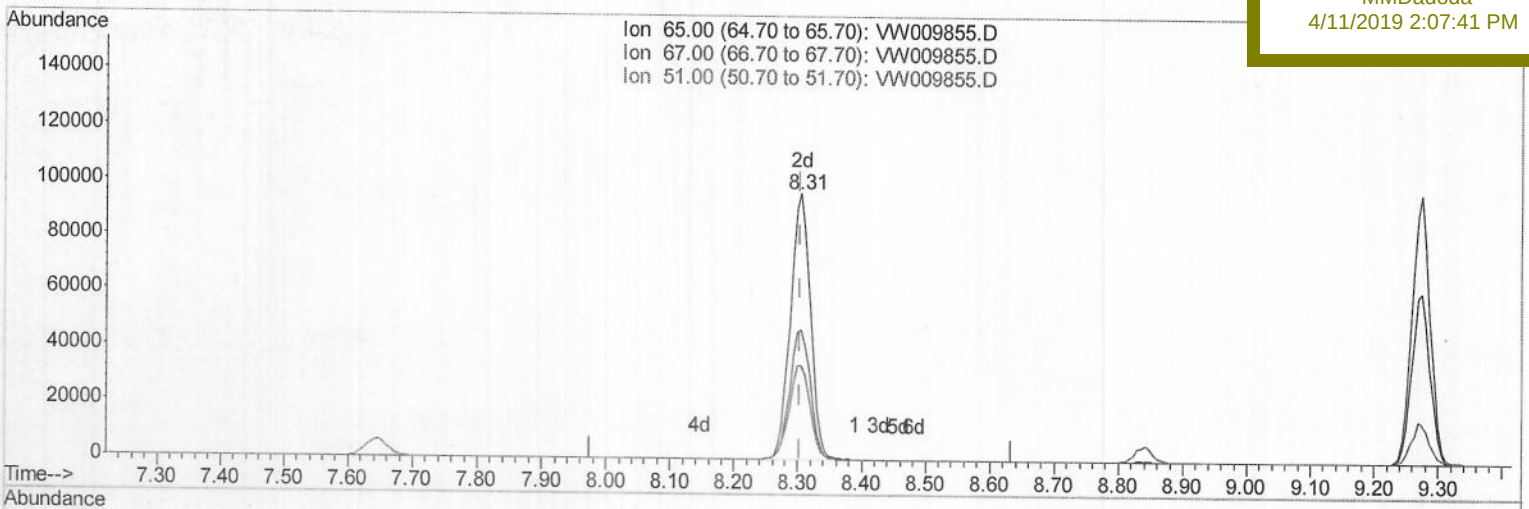
Quantitation Report (Qedit)

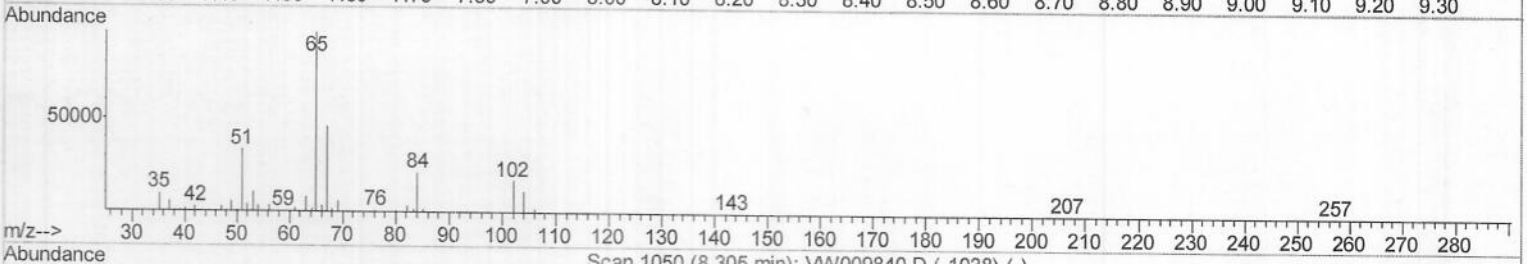
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009855.D
Acq On : 09 Apr 2019 23:39
Operator : SY/VA
Sample : K2327-12
Misc : 4.81G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

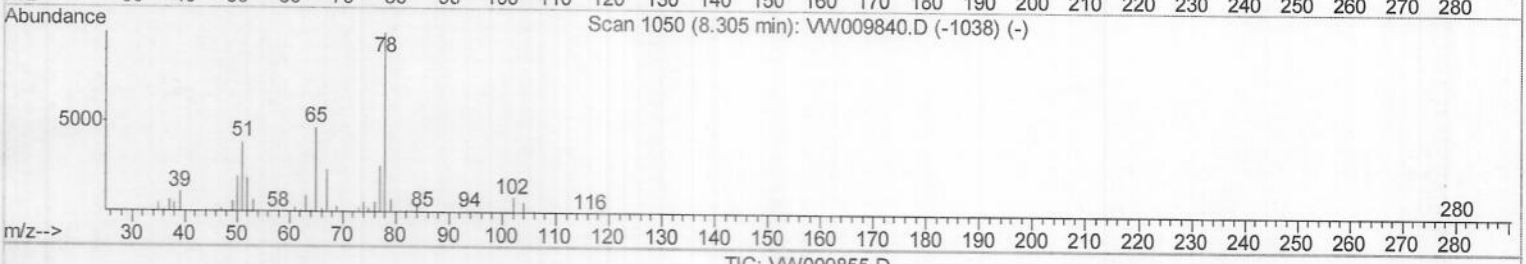
Quant Time: Apr 10 04:46:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:42:28 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETJ44RE

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:07:41 PM







TIC: VW009855.D

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

8.305min (+0.000) 29.11ug/L m

response 207823

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.05#
51.00	109.90	0.16#
0.00	0.00	0.00

M.D
04/09/19

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009855.D
Acq On : 09 Apr 2019 23:39
Operator : SY/VA
Sample : K2327-12
Misc : 4.81G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 05:56:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:42:28 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : ETJ44RE

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:07:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426214	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140974	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	123824	22.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.80%			
7) Chloroethane-d5	2.90	69	116866	22.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.48%			
10) 1,1-Dichloroethene-d2	4.02	63	230032	19.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.72%			
20) 2-Butanone-d5	7.08	46	102580	56.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.30%			
24) Chloroform-d	7.65	84	326662	28.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.36%			
26) 1,2-Dichloroethane-d4	8.31	65	207823m	29.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.44%			
29) Benzene-d6	8.27	84	590775	28.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.16%			
33) 1,2-Dichloropropane-d6	9.27	67	189379	29.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.52%			
37) Toluene-d8	10.32	98	499426	26.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.28%			
38) trans-1,3-Dichloropropene-	10.58	79	72654	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.12%			
39) 2-Hexanone-d5	10.93	63	63959	53.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.06%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162186	27.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.08%			
61) 1,2-Dichlorobenzene-d4	13.86	152	148134	29.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.80%			
Target Compounds						Qvalue
13) Acetone	4.12	43	40859	21.059	ug/L	100
14) Carbon disulfide	4.38	76	19622	1.115	ug/L #	94
21) 2-Butanone	7.17	43	11076	4.488	ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	27472	4.363	ug/L	96

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

MD
04/09/19