

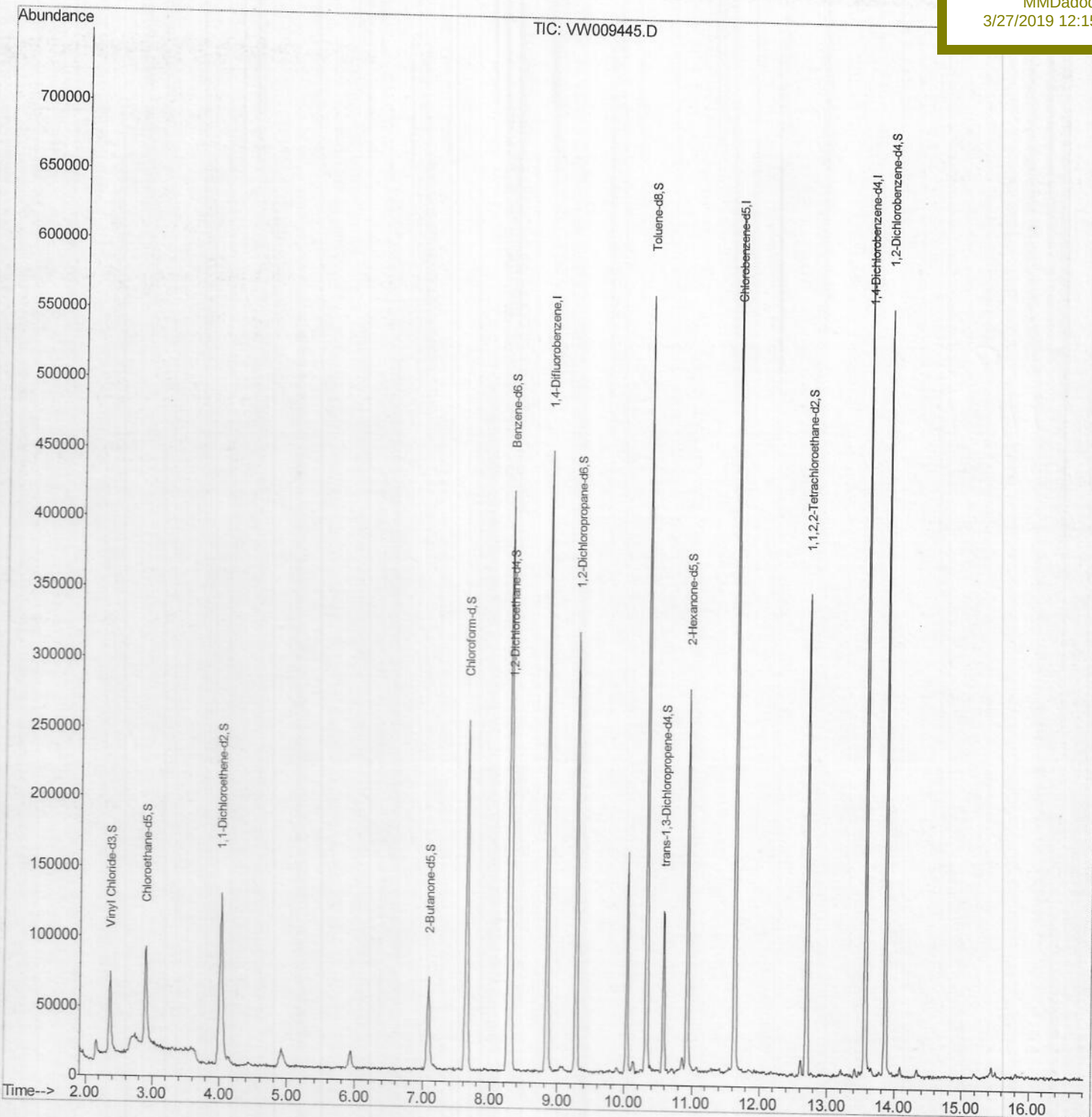
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009445.D
 Acq On : 25 Mar 2019 23:29
 Operator : SY/VA
 Sample : K2044-13
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BF5W2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:06 PM

Quant Time: Apr 08 10:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\

Data File : VW009445.D

Acq On : 25 Mar 2019 23:29

Operator : SY/VA

Sample : K2044-13

Misc : 5.96G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 09:06:24 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Tue Mar 26 09:00:24 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

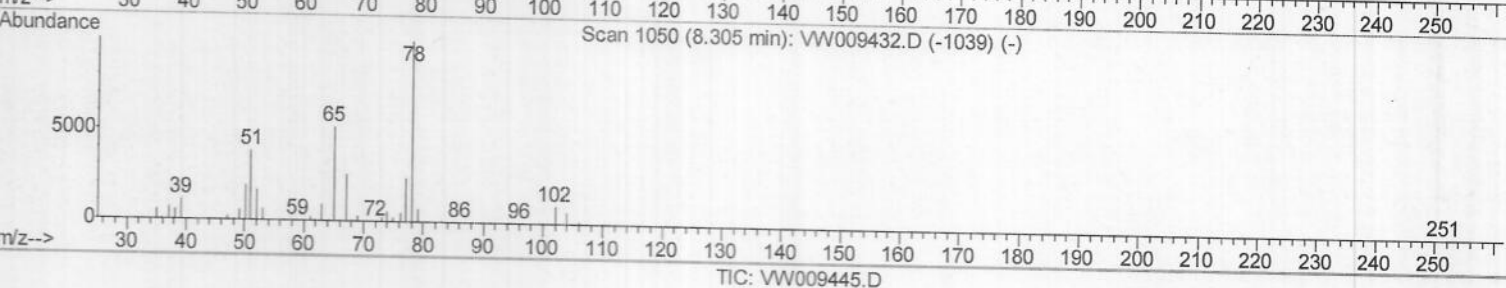
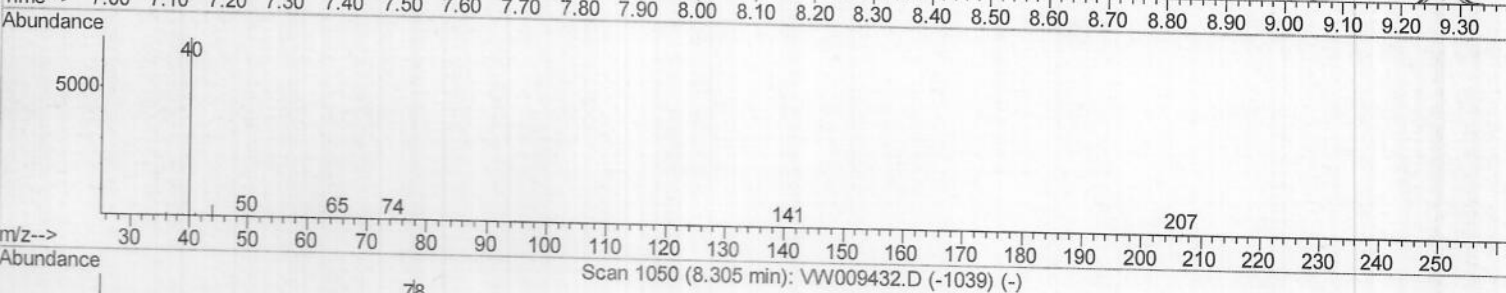
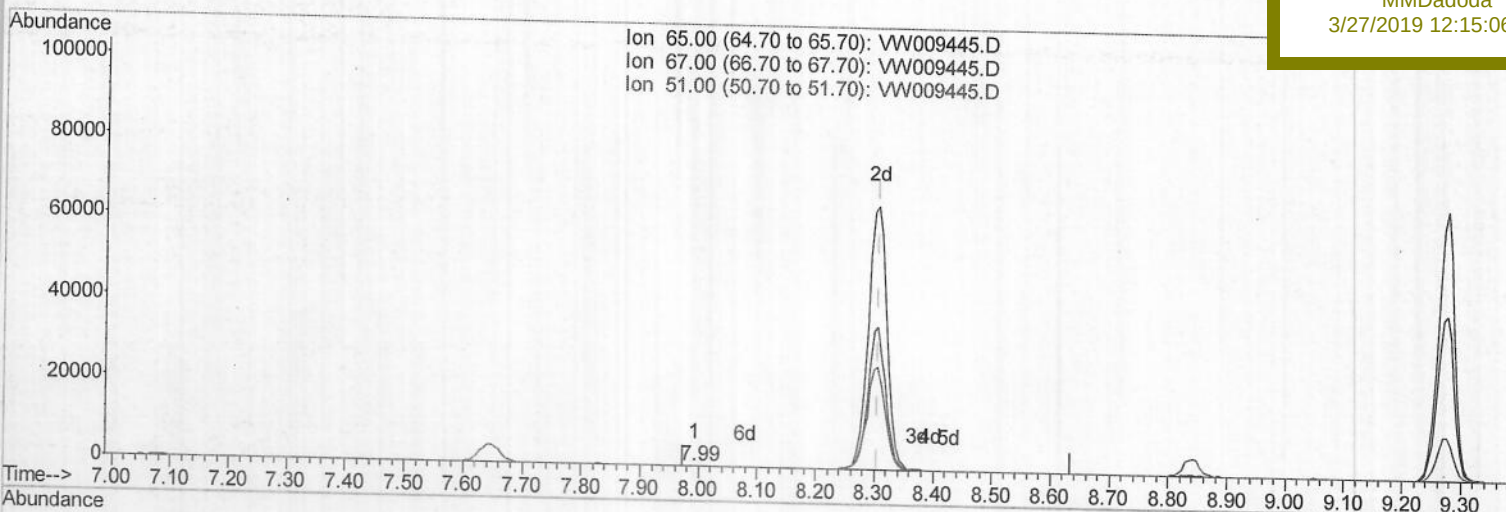
BF5W2

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:15:06 PM



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

7.994min (-0.311) 0.01ug/L

response 81

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	64.20
51.00	97.70	69.14
0.00	0.00	0.00

Quantitation Report (Qedit)

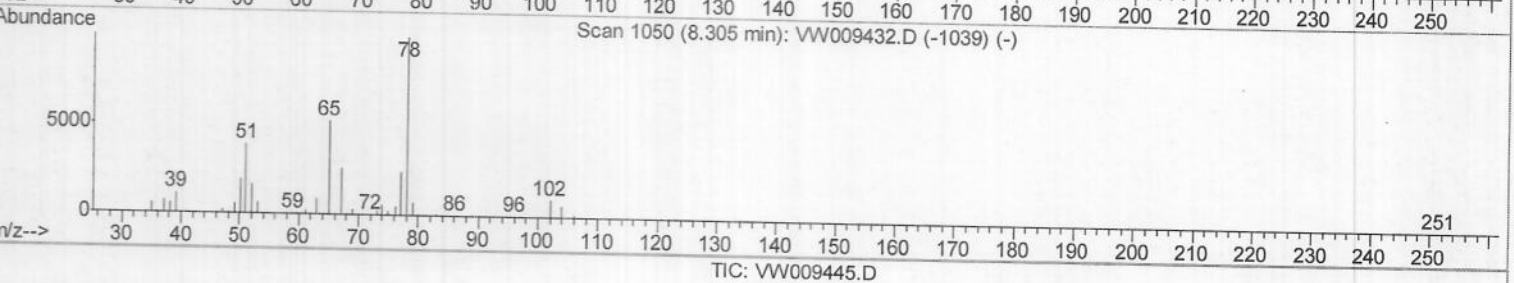
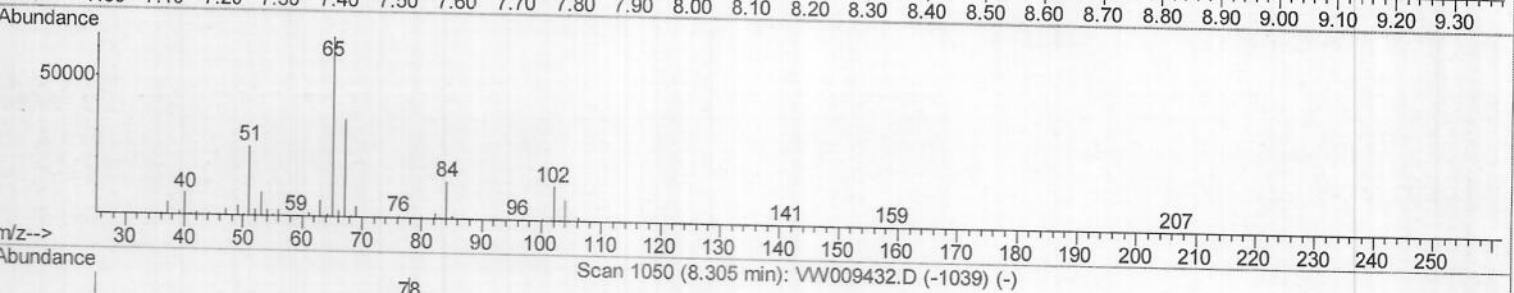
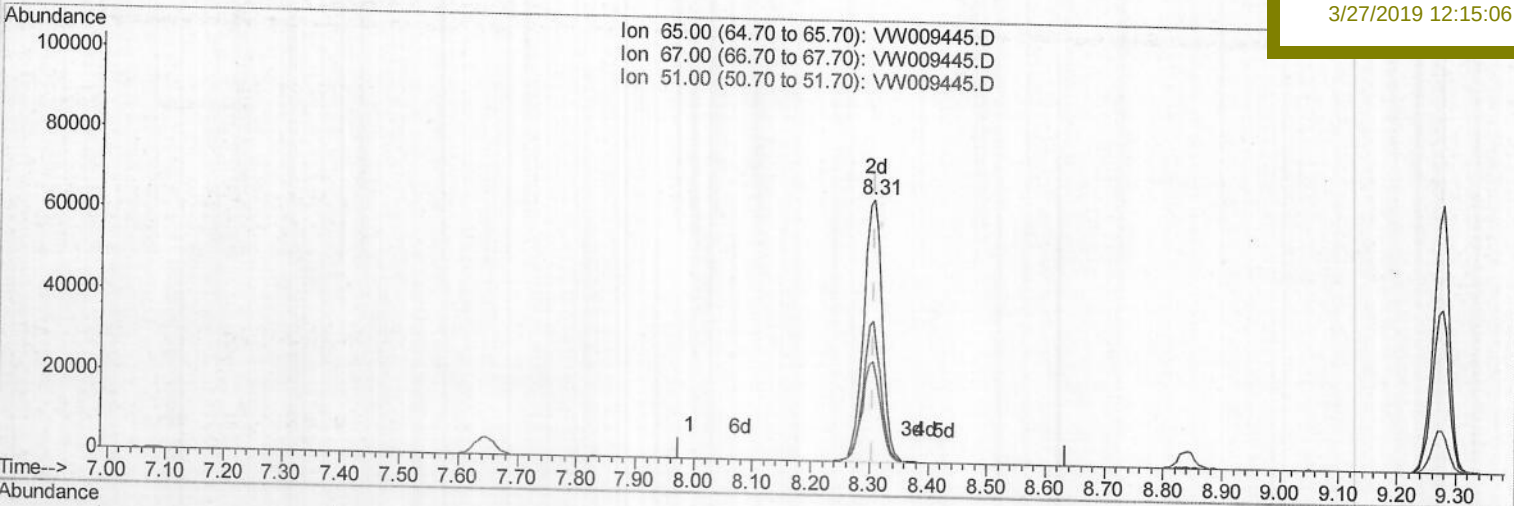
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009445.D
 Acq On : 25 Mar 2019 23:29
 Operator : SY/VA
 Sample : K2044-13
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BF5W2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:06 PM

Quant Time: Mar 26 09:06:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration



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

8.305min (+0.000) 25.85ug/L m

response 145088

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.04#
51.00	97.70	0.04#
0.00	0.00	0.00

m.p
4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009445.D
 Acq On : 25 Mar 2019 23:29
 Operator : SY/VA
 Sample : K2044-13
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5W2

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:06 PM

Quant Time: Apr 08 10:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	341382	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325947	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84031	20.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.40%		
7) Chloroethane-d5	2.89	69	99018	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.96%		
10) 1,1-Dichloroethene-d2	4.01	63	144048	16.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.36%		
20) 2-Butanone-d5	7.08	46	114508	67.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	135.74%#		
24) Chloroform-d	7.64	84	225970	24.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.04%		
26) 1,2-Dichloroethane-d4	8.31	65	145088m	25.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.40%		
29) Benzene-d6	8.27	84	397487	22.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.44%		
33) 1,2-Dichloropropane-d6	9.27	67	128928	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.52%		
37) Toluene-d8	10.32	98	346049	20.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.28%		
38) trans-1,3-Dichloropropene-	10.58	79	58040	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.64%		
39) 2-Hexanone-d5	10.93	63	79862	61.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.14%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149276	28.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.28%		
61) 1,2-Dichlorobenzene-d4	13.86	152	134050	24.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.44%		

m.p
 4/6/19

Target Compounds

Ovalue

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