

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

Data File : VW009448.D

Acq On : 26 Mar 2019 00:51

Operator : SY/VA

Sample : K2044-16

Misc : 5.87G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 10:50:11 2019

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

Quant Title : VOC Analysis

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

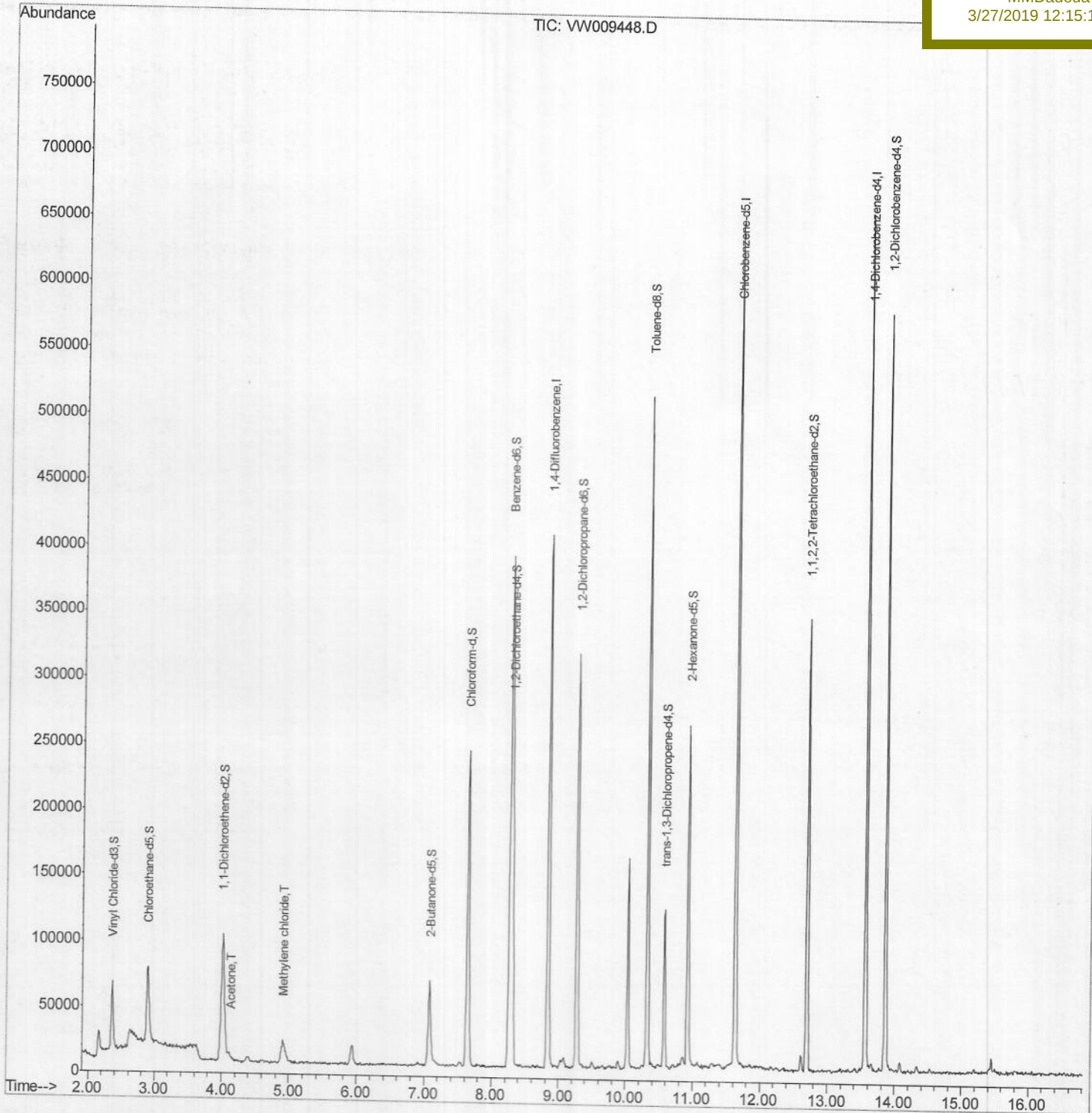
Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

BF5W7

Manual Integrations
APPROVEDMMDadoda
3/27/2019 12:15:17 PM

Quantitation Report (Qedit)

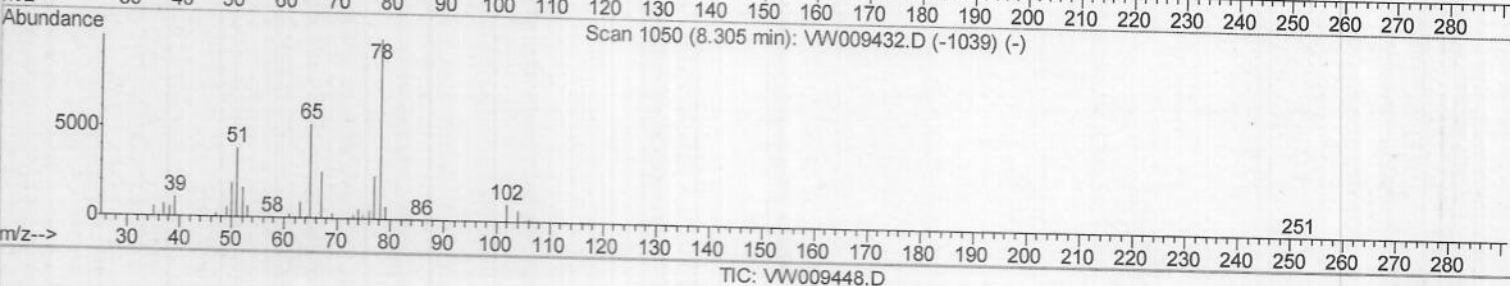
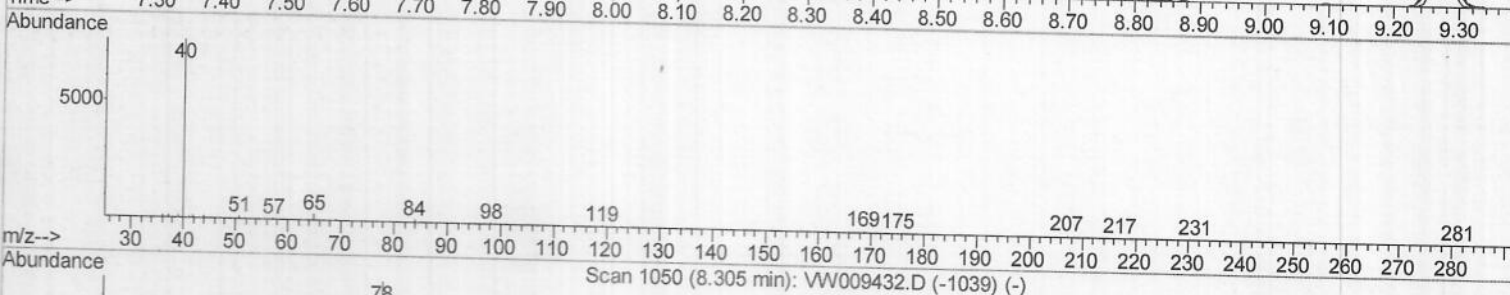
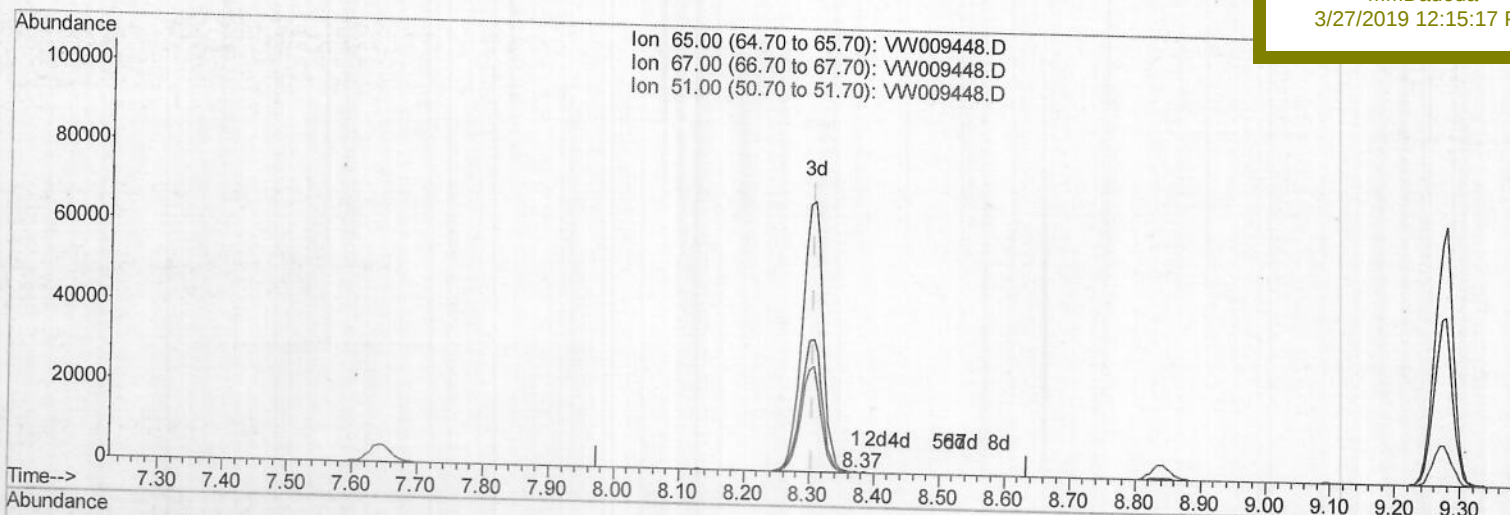
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009448.D
 Acq On : 26 Mar 2019 00:51
 Operator : SY/VA
 Sample : K2044-16
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 10:17:42 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 :
 BF5W7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:17 PM



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

8.372min (+0.067) 0.03ug/L

response 158

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	55.70
51.00	97.70	109.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : VW009448.D

Acq On : 26 Mar 2019 00:51

Operator : SY/VA

Sample : K2044-16

Misc : 5.87G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 10:17:42 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

Client Sampled :

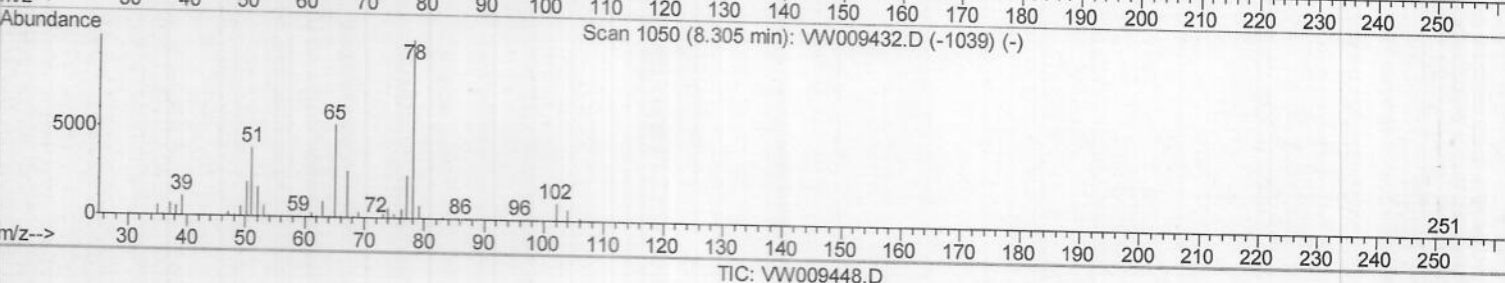
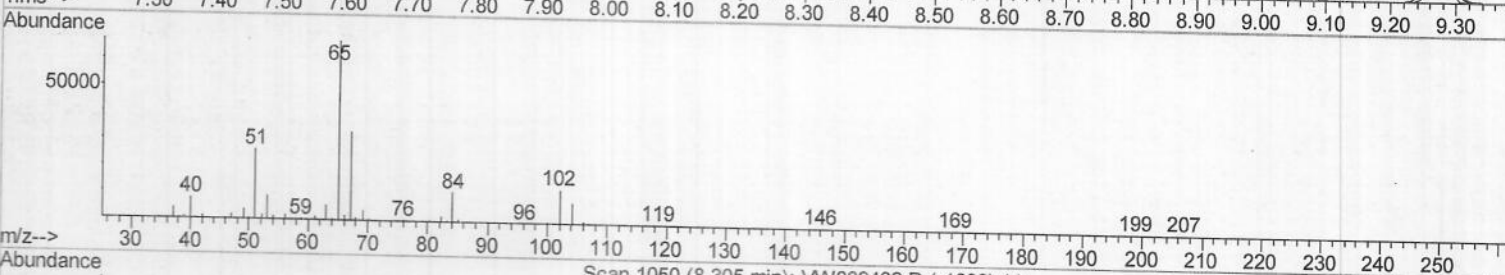
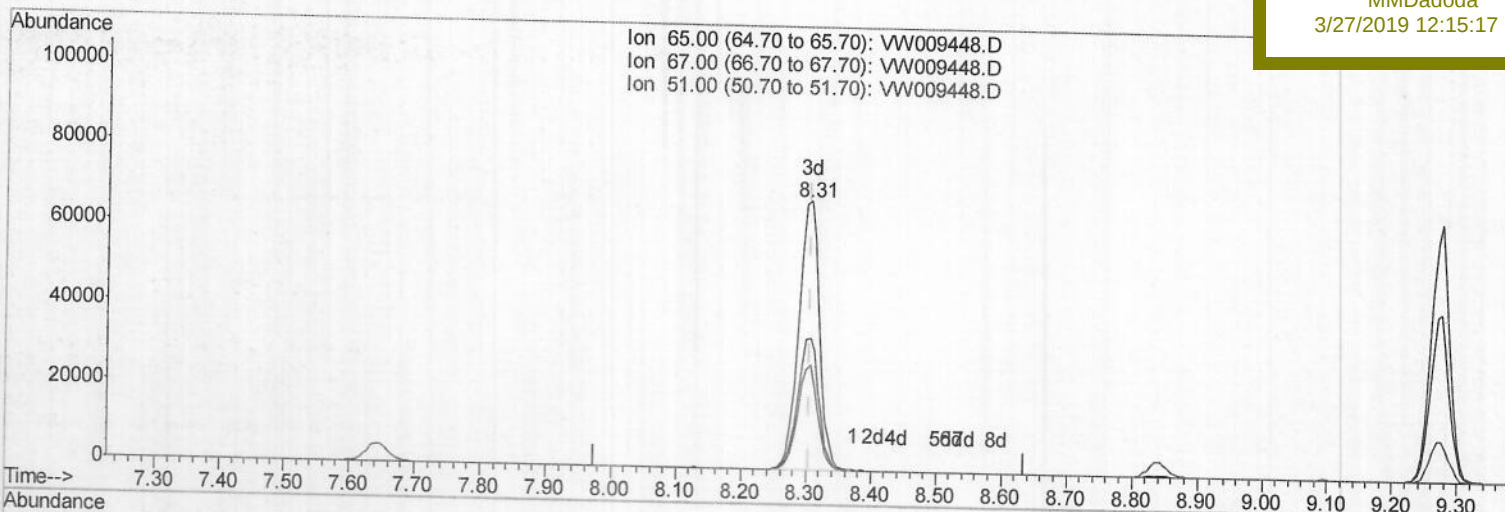
BF5W7

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:15:17 PM



TIC: VW009448.D

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

8.305min (+0.000) 29.01ug/L m

response 150583

Ion Exp% Act%

65.00 100 100

67.00 50.80 0.06#

51.00 97.70 0.11#

0.00 0.00 0.00

m.p.
4/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009448.D
 Acq On : 26 Mar 2019 00:51
 Operator : SY/VA
 Sample : K2044-16
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5W7

Quant Time: Apr 08 10:50:11 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

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315782	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152966	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	67697	17.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.76%		
7) Chloroethane-d5	2.89	69	79468	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.00%		
10) 1,1-Dichloroethene-d2	4.01	63	115418	14.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.60%		
20) 2-Butanone-d5	7.07	46	107105	68.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.26%#		
24) Chloroform-d	7.64	84	215764	25.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.16%		
26) 1,2-Dichloroethane-d4	8.31	65	150583m	29.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.04%		
29) Benzene-d6	8.27	84	367011	20.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.72%		
33) 1,2-Dichloropropane-d6	9.27	67	127020	23.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.00%		
37) Toluene-d8	10.32	98	317287	18.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.48%		
38) trans-1,3-Dichloropropene-	10.58	79	57826	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.32%		
39) 2-Hexanone-d5	10.93	63	75471	57.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.08%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149975	27.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.52%		
61) 1,2-Dichlorobenzene-d4	13.86	152	143927	24.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.16%		
Target Compounds						
13) Acetone	4.12	43	9456	7.389	ug/L	81
16) Methylene chloride	4.91	84	15373	3.338	ug/L	86

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

m.p.
 4/6/19