

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\

Data File : VW009760.D

Acq On : 06 Apr 2019 06:36

Operator : SY/VA

Sample : K2188-10

Misc : 5.00G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 12:34:01 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Sun Apr 07 03:43:12 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

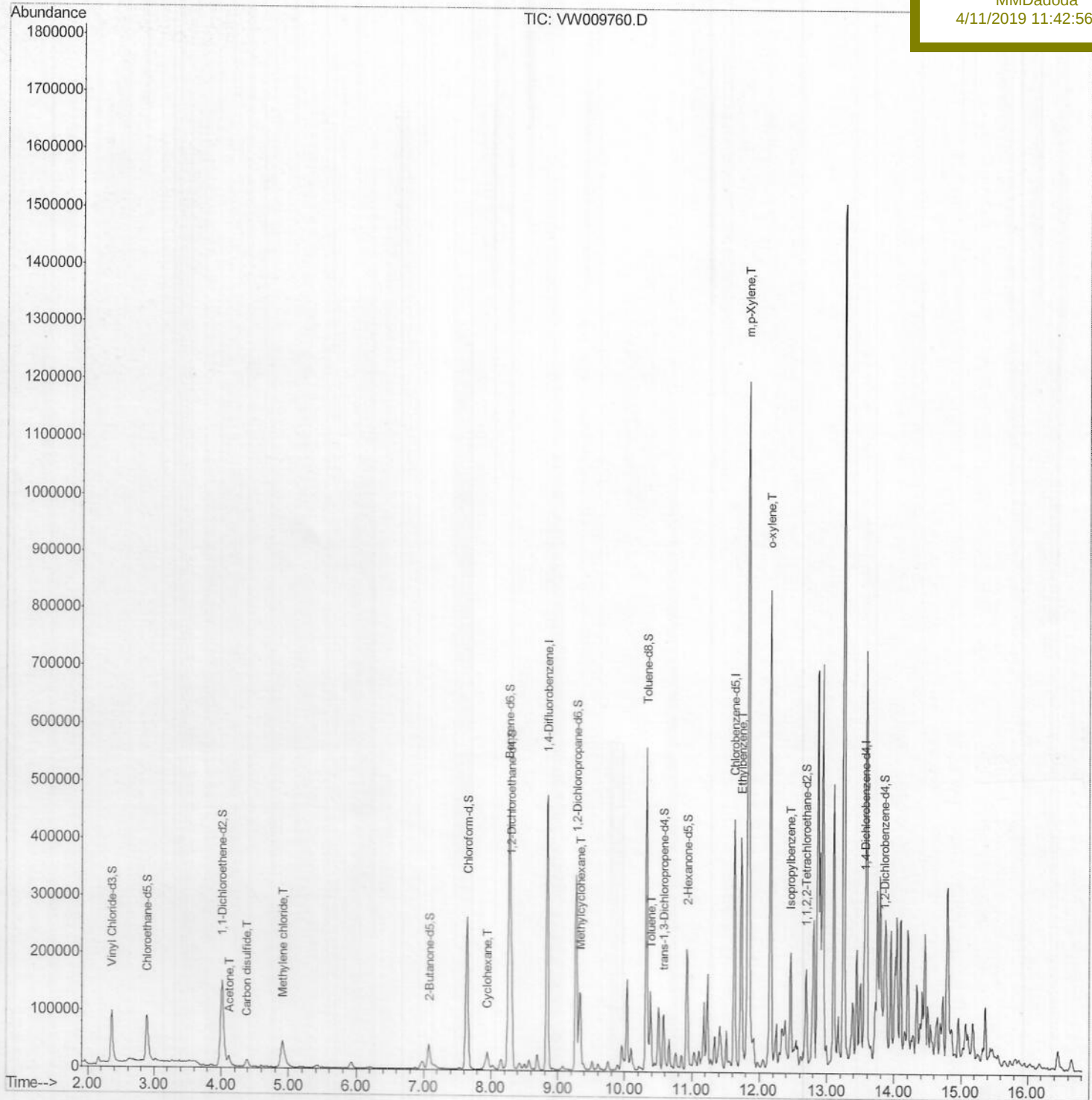
Client Sampled :

BF654

Manual Integrations
APPROVED

MMDadoda

4/11/2019 11:42:56 AM



Quantitation Report (Qedit)

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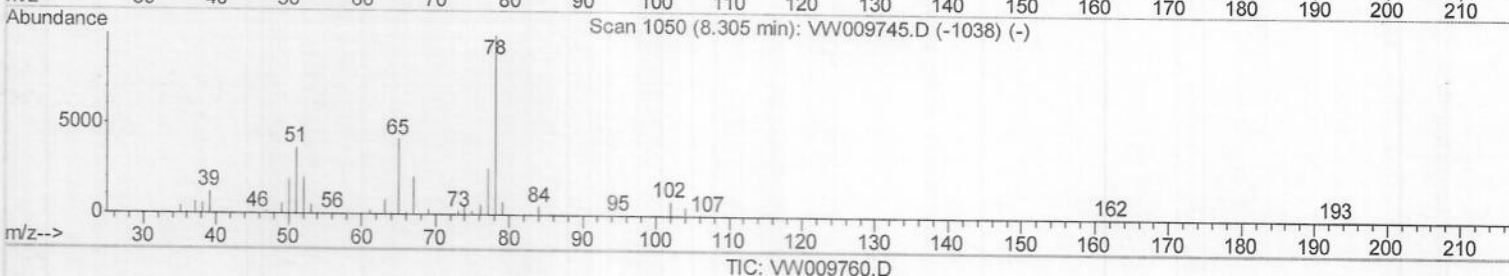
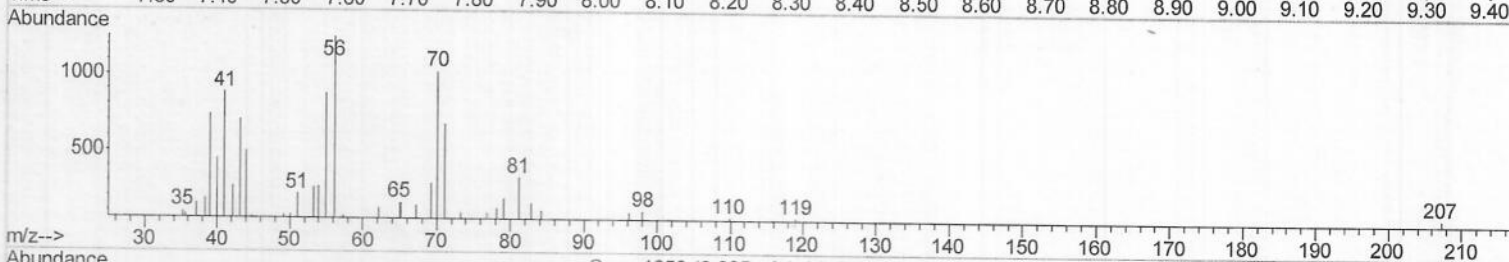
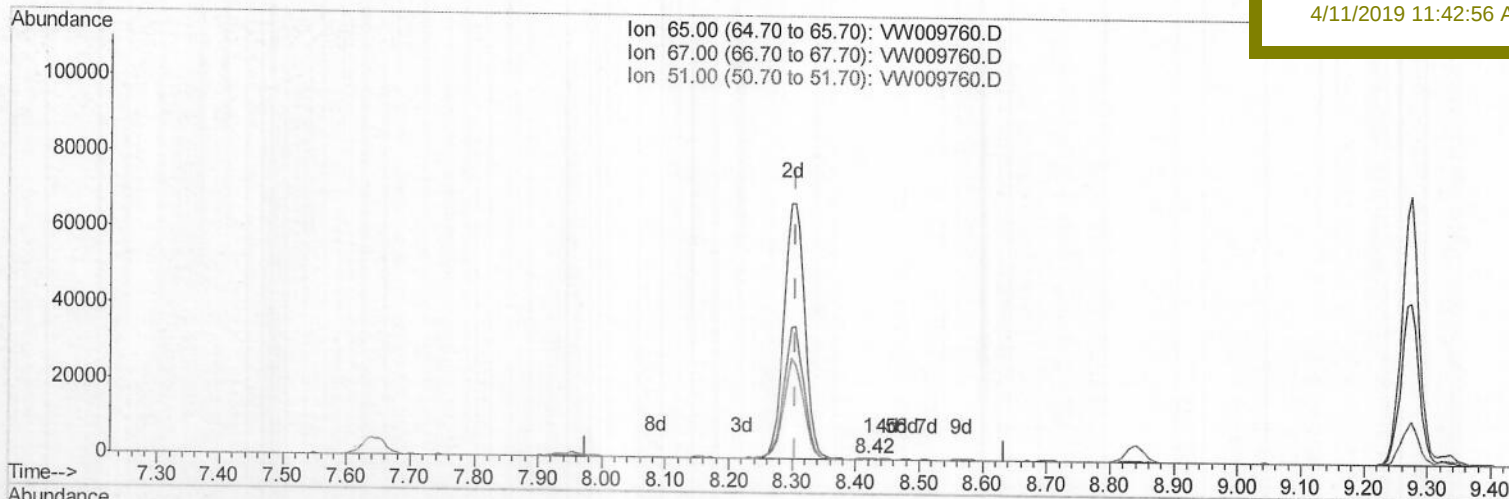
BF654

Manual Integrations

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MMDadoda

4/11/2019 11:42:56 AM



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

8.421min (+0.116) 0.05ug/L

response 342

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	38.89
51.00	109.90	81.87
0.00	0.00	0.00

Quantitation Report (Qedit)

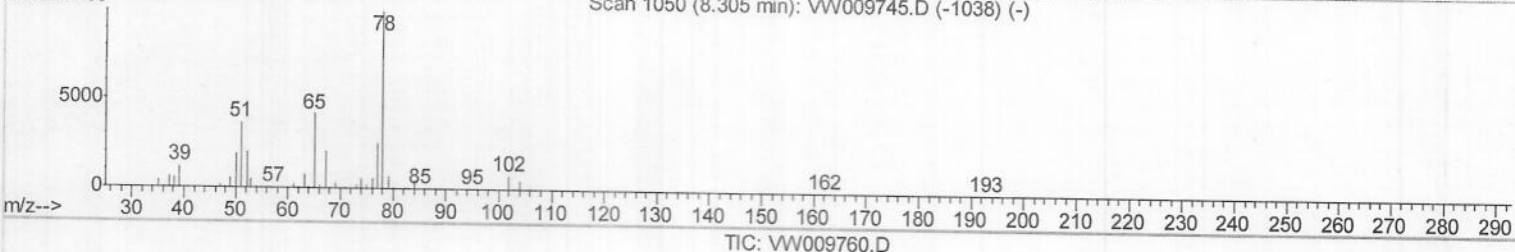
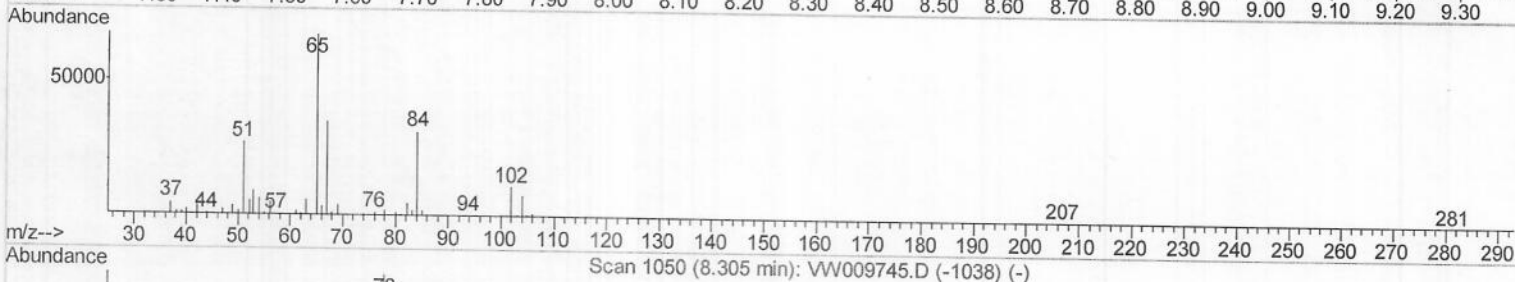
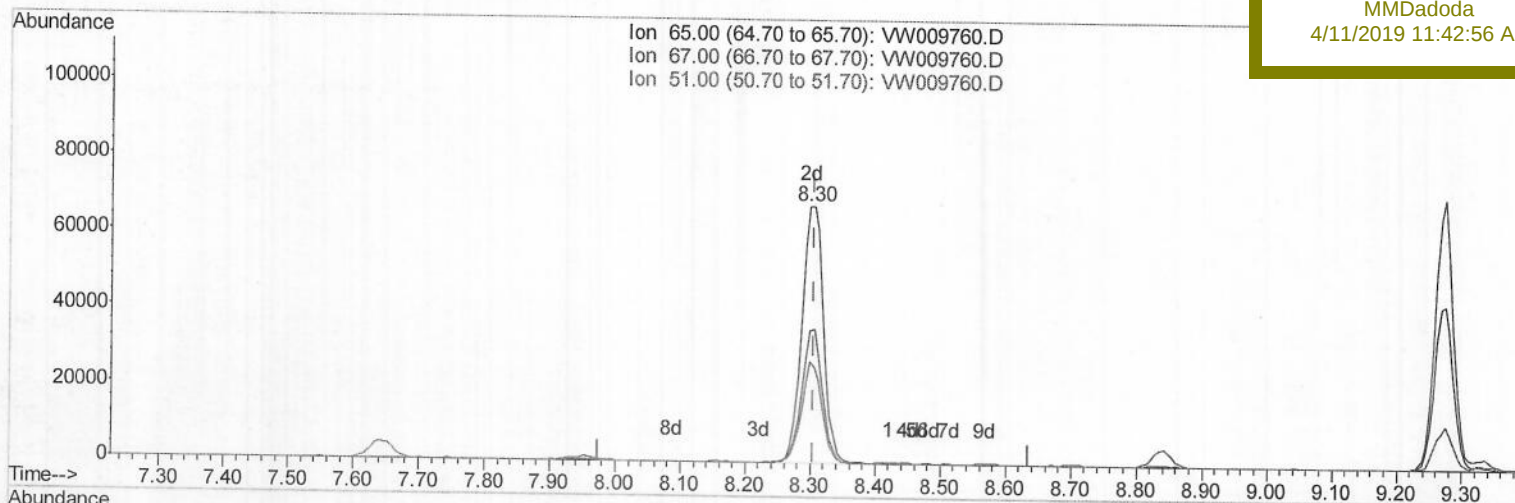
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Instrument :
 MSVOA_W
 ClientSampled :
 BF654

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:56 AM



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

8.299min (-0.006) 24.83ug/L m

response 155325

3m.D.
04/12/19

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.09#
51.00	109.90	0.18#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52936	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125774	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	116540	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.12%
10) 1,1-Dichloroethene-d2	4.01	63	185318	17.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.56%
20) 2-Butanone-d5	7.08	46	72924	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
24) Chloroform-d	7.64	84	242035	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.30	65	155325m	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.27	84	446653	37.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.04%#
33) 1,2-Dichloropropane-d6	9.27	67	136829	37.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.80%#
37) Toluene-d8	10.32	98	308253	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.58	79	47472	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
39) 2-Hexanone-d5	10.93	63	48384	69.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68273	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	40499	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

3 M.D.
 04/12/19

Target Compounds

					Ovalue
13) Acetone	4.12	43	27171	15.985	ug/L 98
14) Carbon disulfide	4.37	76	13641	0.885	ug/L 96
16) Methylene chloride	4.92	84	40043	6.081	ug/L 89
30) Cyclohexane	7.95	56	15301	2.858	ug/L 91
36) Methylcyclohexane	9.34	83	44709	7.614	ug/L 89
44) Toluene	10.39	91	92713	6.413	ug/L 99
53) Ethylbenzene	11.73	91	253105	15.368	ug/L 99
54) m,p-Xylene	11.83	106	309420	50.797	ug/L 97
55) o-xylene	12.16	106	203457	35.070	ug/L 99
57) Isopropylbenzene	12.46	105	115018	7.240	ug/L 97

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