

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\

Data File : VW009831.D

Acq On : 09 Apr 2019 10:18

Operator : SY/VA

Sample : K2303-05

Misc : 5.49G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 03:55:23 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 00:56:07 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

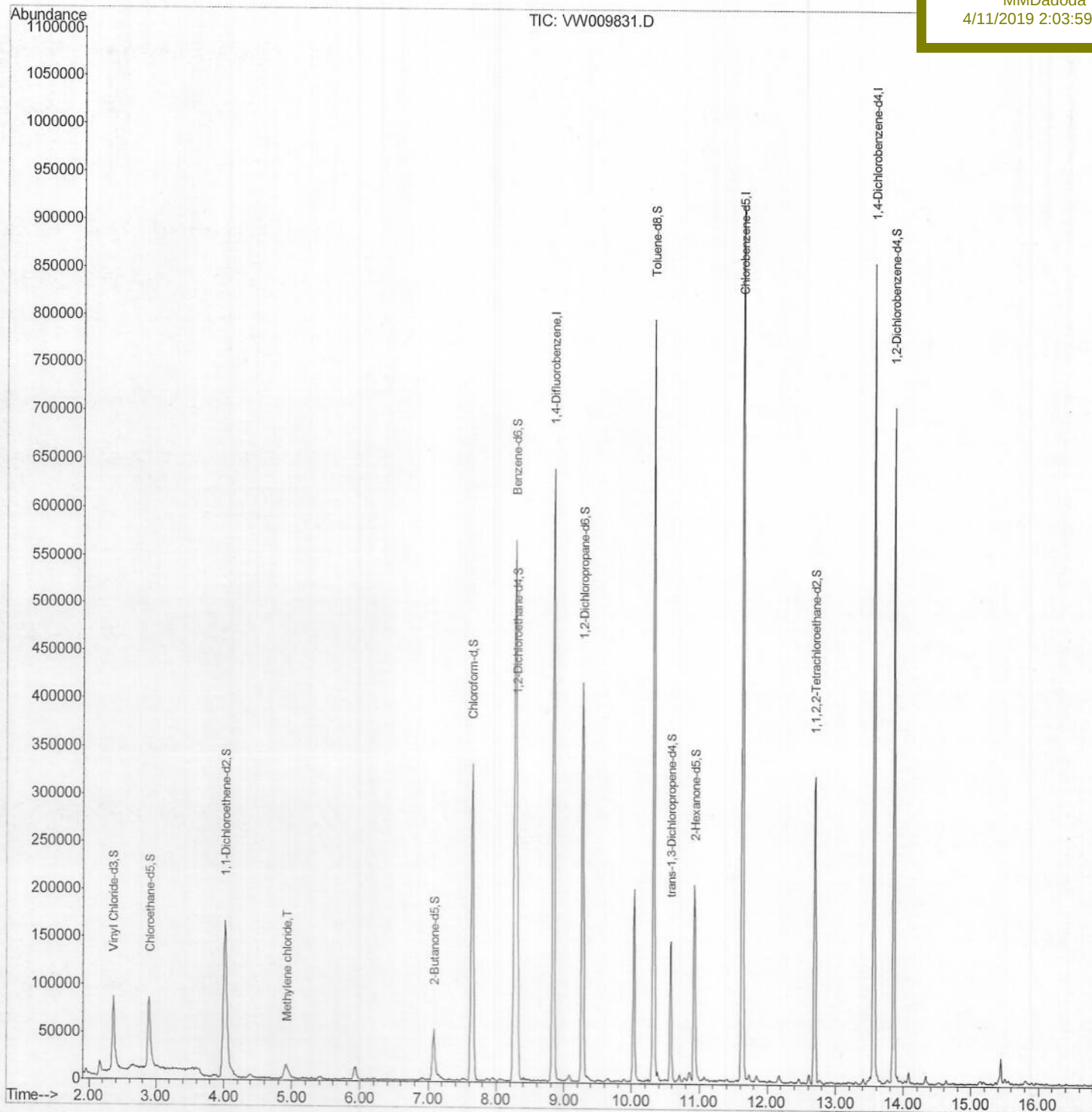
BF8A0

Manual Integrations

APPROVED

MMDadoda

4/11/2019 2:03:59 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009831.D

Acq On : 09 Apr 2019 10:18

Operator : SY/VA

Sample : K2303-05

Misc : 5.49G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:00:15 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 00:56:07 2019

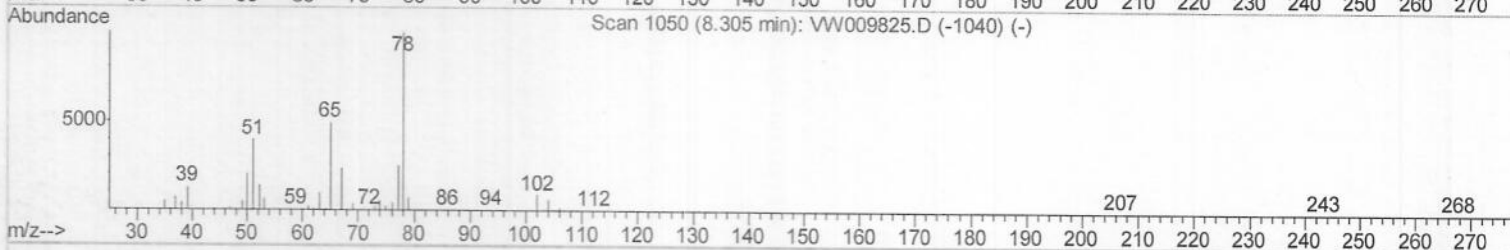
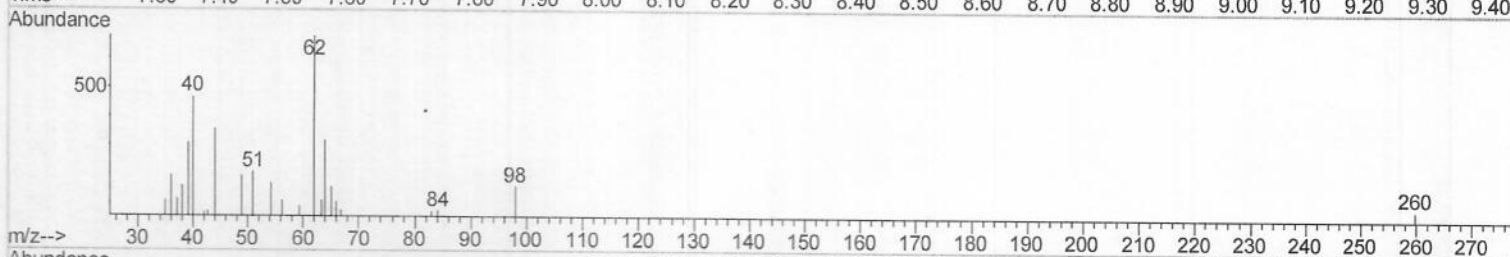
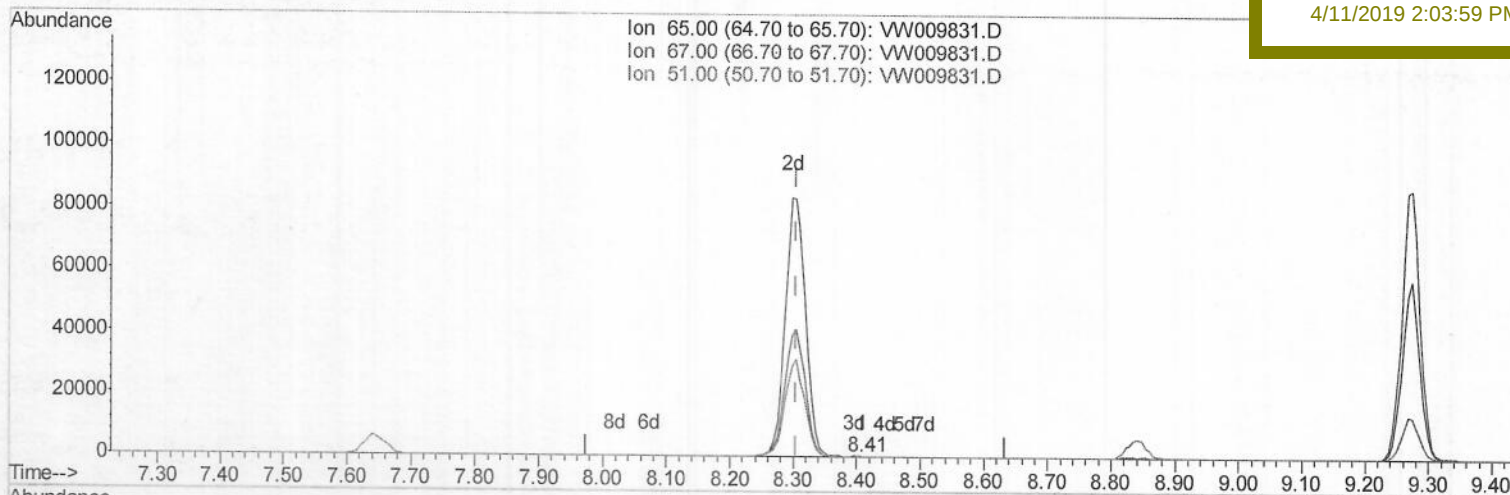
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF8A0

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:03:59 PM

TIC: VW009831.D

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

8.409min (+0.104) 0.03ug/L

response 221

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	45.25
51.00	109.90	120.36
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009831.D

Acq On : 09 Apr 2019 10:18

Operator : SY/VA

Sample : K2303-05

Misc : 5.49G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 01:00:15 2019

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

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 00:56:07 2019

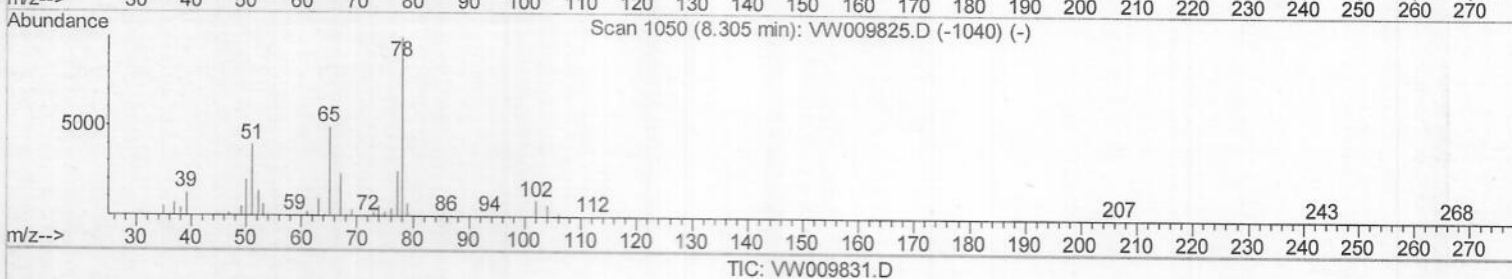
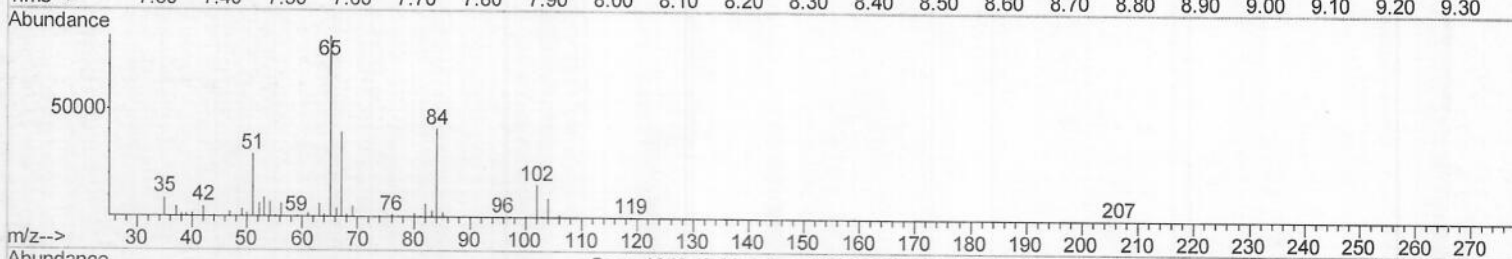
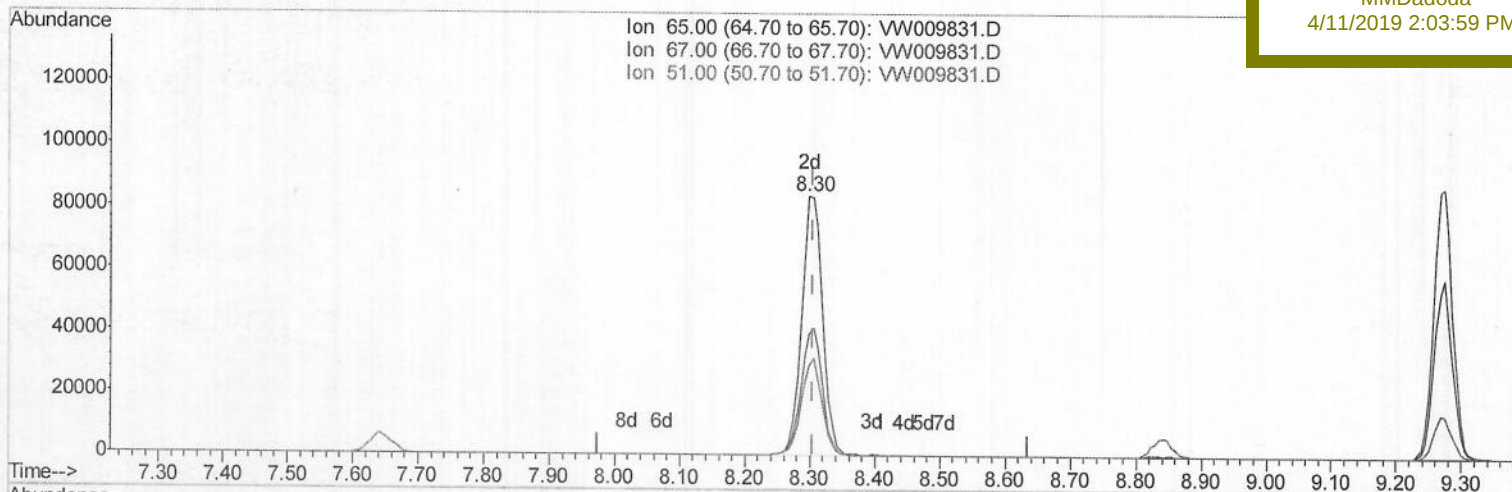
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF8A0

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:03:59 PM

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

8.299min (-0.006) 22.87ug/L m

response 186205

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.05#
51.00	109.90	0.14#
0.00	0.00	0.00

M.D
4/23/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009831.D
 Acq On : 09 Apr 2019 10:18
 Operator : SY/VA
 Sample : K2303-05
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF8A0

Quant Time: Apr 23 03:55:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	486112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123052	19.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.36%		
7) Chloroethane-d5	2.89	69	114064	19.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.28%		
10) 1,1-Dichloroethene-d2	4.02	63	223969	16.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.48%		
20) 2-Butanone-d5	7.08	46	91344	44.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.46%		
24) Chloroform-d	7.64	84	302727	22.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.28%		
26) 1,2-Dichloroethane-d4	8.30	65	186205m	22.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.48%		
29) Benzene-d6	8.27	84	546180	22.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.24%		
33) 1,2-Dichloropropane-d6	9.27	67	173052	22.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.56%		
37) Toluene-d8	10.32	98	491555	21.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.88%		
38) trans-1,3-Dichloropropene-	10.58	79	72775	20.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.72%		
39) 2-Hexanone-d5	10.93	63	56148	39.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.78%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146561	20.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.40%		
61) 1,2-Dichlorobenzene-d4	13.85	152	172873	23.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	13849	1.615	ug/L	90

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

M.D
 4/23/19