

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\

Data File : VW009707.D

Acq On : 05 Apr 2019 02:58

Operator : SY/VA

Sample : K2276-05

Misc : 5.14G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 15:58:12 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 05:32:00 2019

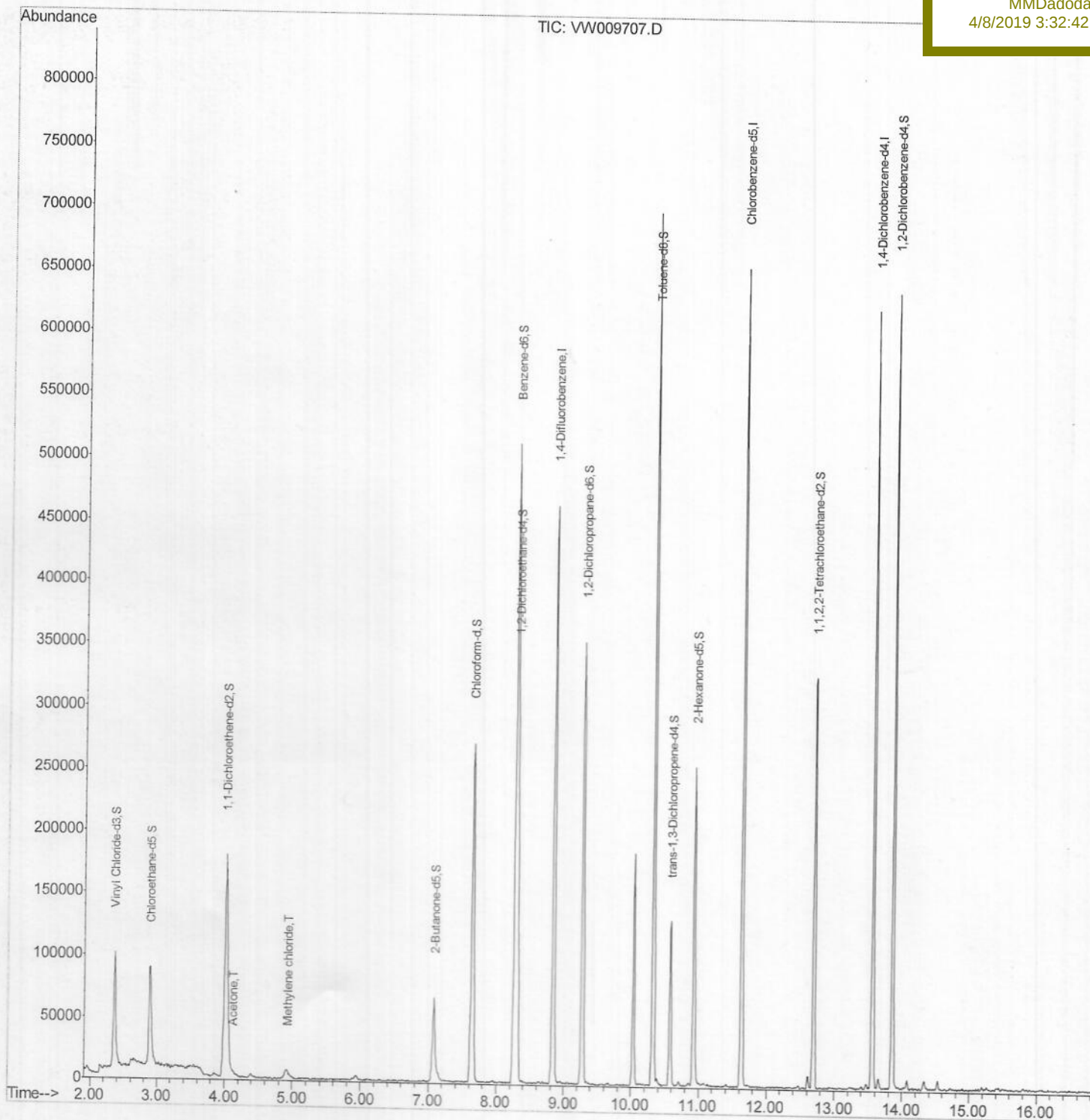
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF132

Manual Integrations
APPROVEDMMDadoda
4/8/2019 3:32:42 AM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\

Data File : VW009707.D

Acq On : 05 Apr 2019 02:58

Operator : SY/VA

Sample : K2276-05

Misc : 5.14G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 05:35:49 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 05:32:00 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

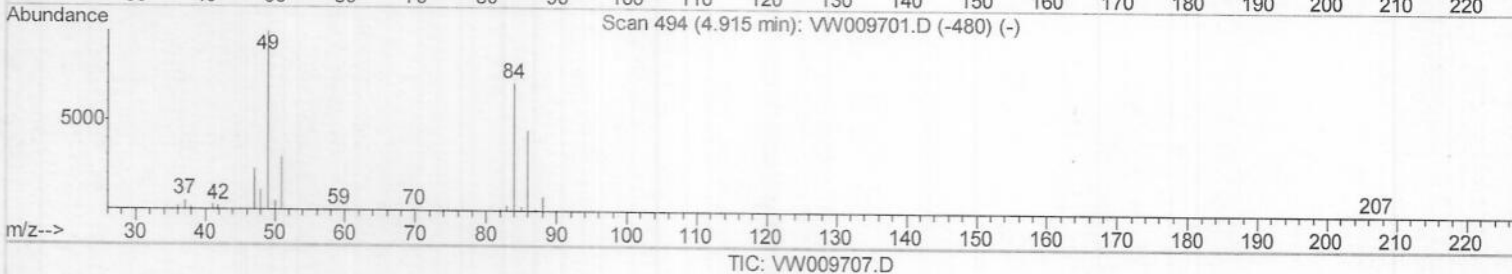
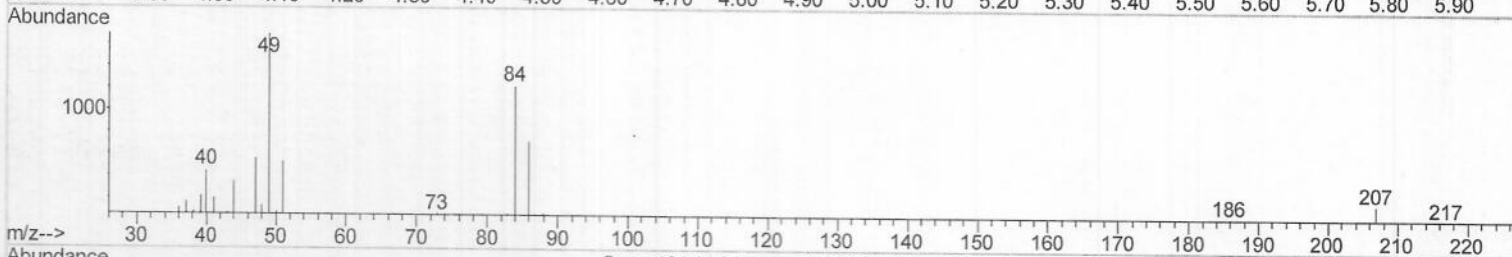
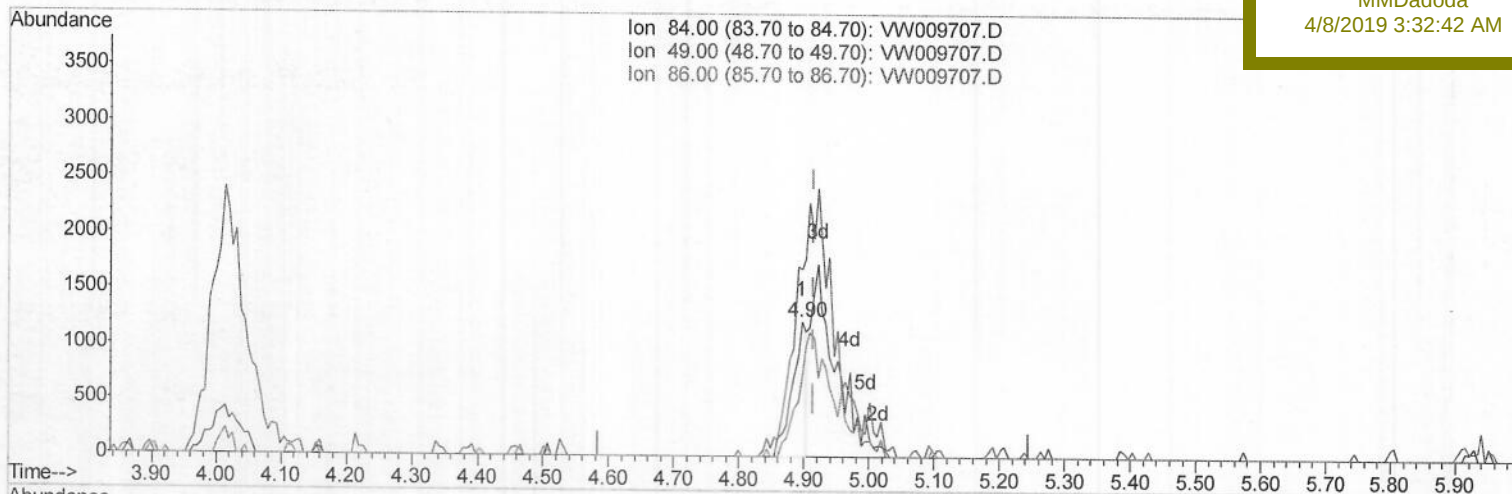
BF132

Manual Integrations

APPROVED

MMDadoda

4/8/2019 3:32:42 AM



(16) Methylene chloride (T)

4.897min (-0.018) 0.30ug/L

response 1892

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	138.63
86.00	66.30	59.66
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\

Data File : VW009707.D

Acq On : 05 Apr 2019 02:58

Operator : SY/VA

Sample : K2276-05

Misc : 5.14G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 05:35:49 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 05:32:00 2019

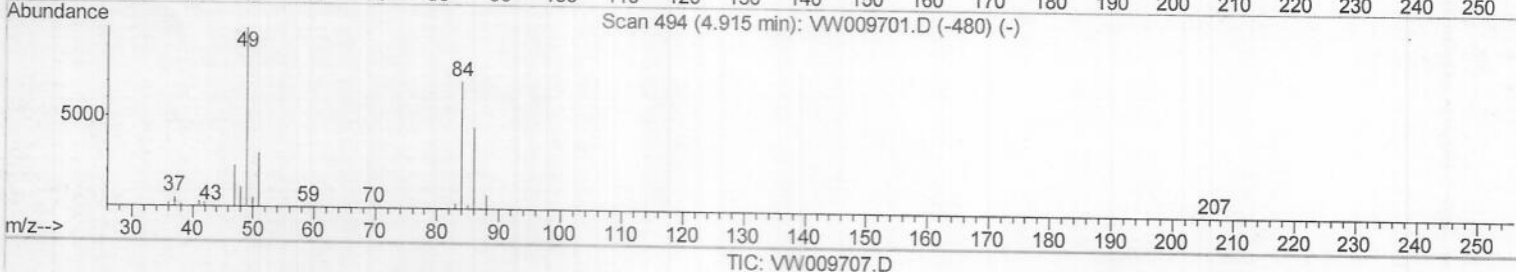
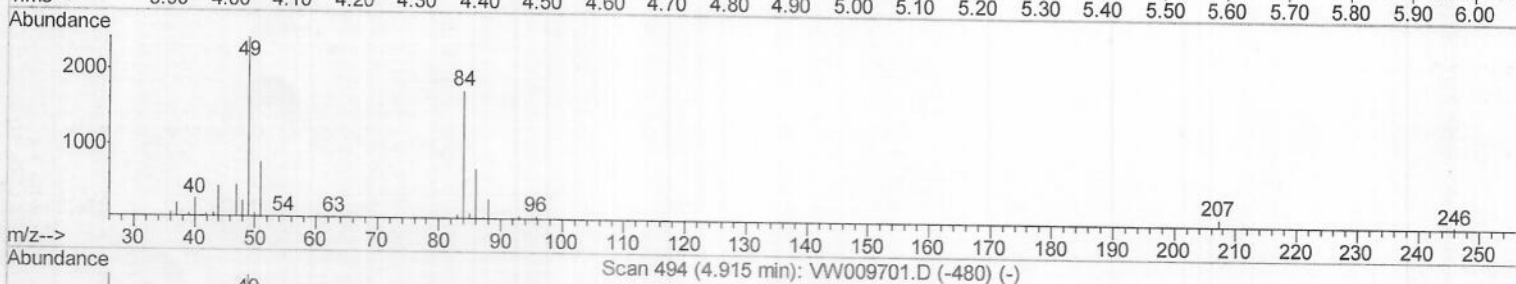
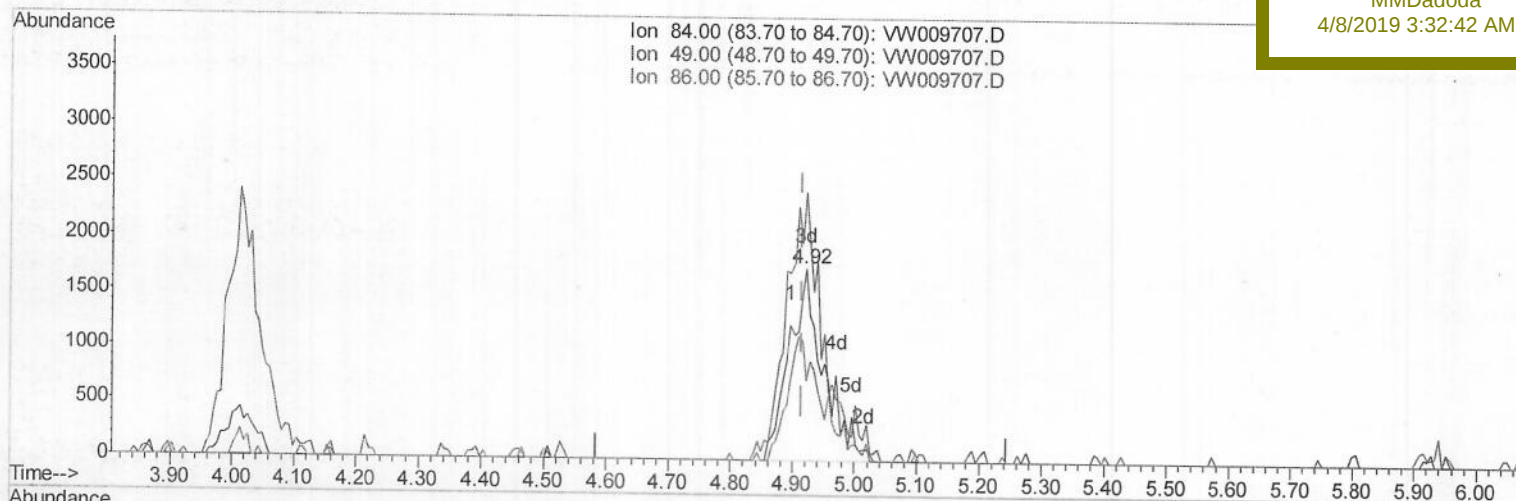
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF132

Manual Integrations
APPROVEDMMDadoda
4/8/2019 3:32:42 AM

(16) Methylene chloride (T)

4.922min (+0.006) 1.06ug/L m

response 6615

3 M.D.
04/22/19

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	139.22
86.00	66.30	41.46#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\

Data File : VW009707.D

Acq On : 05 Apr 2019 02:58

Operator : SY/VA

Sample : K2276-05

Misc : 5.14G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 15:58:12 2019

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

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 05:32:00 2019

Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
BF132

Manual Integrations
APPROVED

MMDadoda
4/8/2019 3:32:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145567	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131957	28.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	114.28%		
7) Chloroethane-d5	2.89	69	115709	27.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.40%		
10) 1,1-Dichloroethene-d2	4.01	63	216880	21.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.36%		
20) 2-Butanone-d5	7.07	46	111304	74.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	148.46%#		
24) Chloroform-d	7.64	84	251489	26.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.48%		
26) 1,2-Dichloroethane-d4	8.30	65	164699	27.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.44%		
29) Benzene-d6	8.27	84	486297	26.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.84%		
33) 1,2-Dichloropropane-d6	9.27	67	146876	26.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.48%		
37) Toluene-d8	10.32	98	437808	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.00%		
38) trans-1,3-Dichloropropene-	10.58	79	65048	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.92%		
39) 2-Hexanone-d5	10.93	63	70957	67.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	135.16%#		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150682	29.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.36%		
61) 1,2-Dichlorobenzene-d4	13.86	152	154947	30.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	121.32%#		

Target Compounds

				Ovalue	
13) Acetone	4.12	43	2304	1.434 ug/L	85
16) Methylene chloride	4.92	84	6615m	1.063 ug/L	

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

3 m.D.
04/22/19