

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101519\
Data File : VW013576.D
Acq On : 15 Oct 2019 11:23
Operator : SY/VA
Sample : VW1015SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 13:52:58 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M

Quant Title : VOC Analysis

QLast Update : Tue Oct 15 13:46:18 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

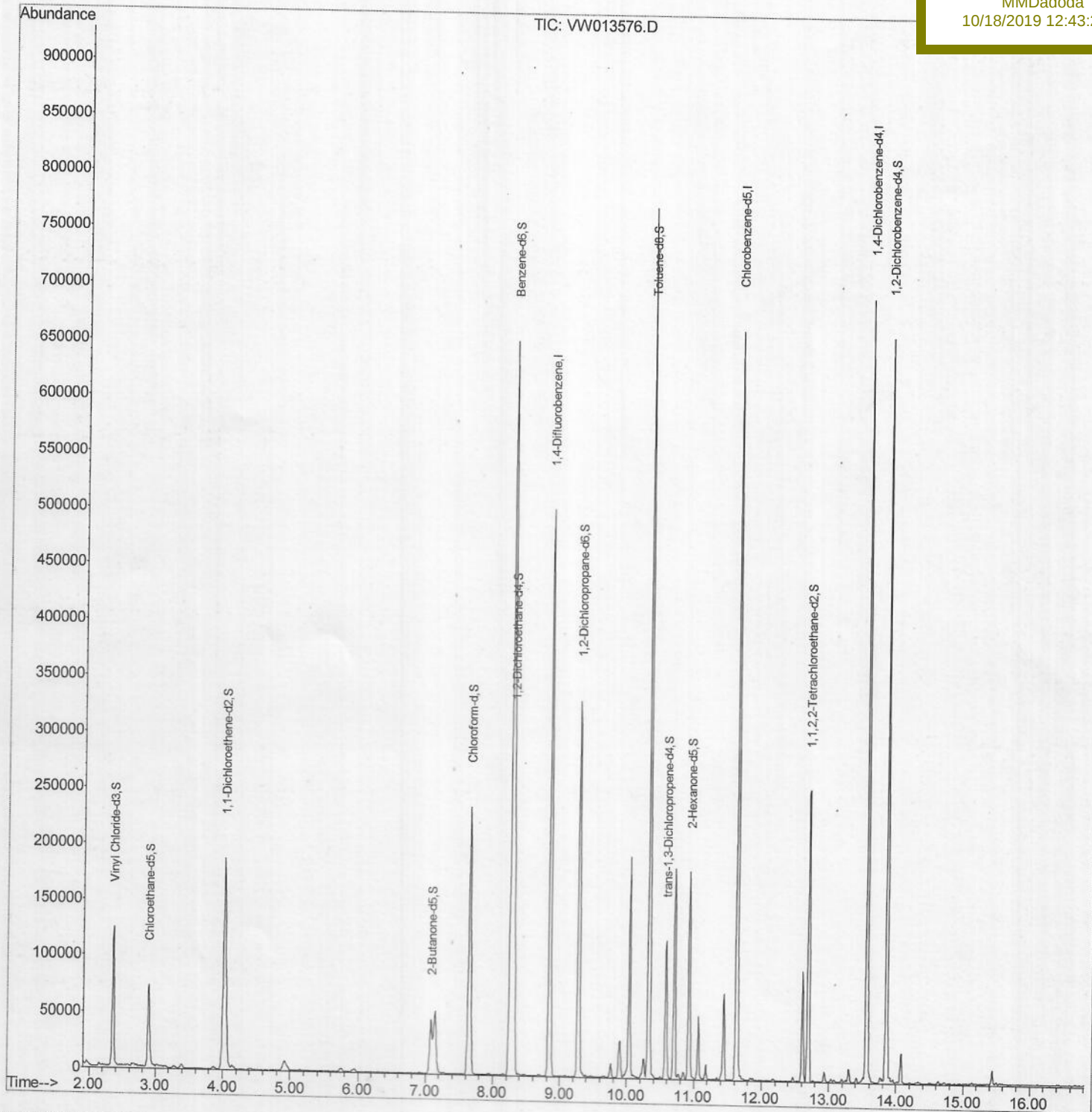
VBLK06

Manual Integrations

APPROVED

MMDadoda

10/18/2019 12:43:25 AM



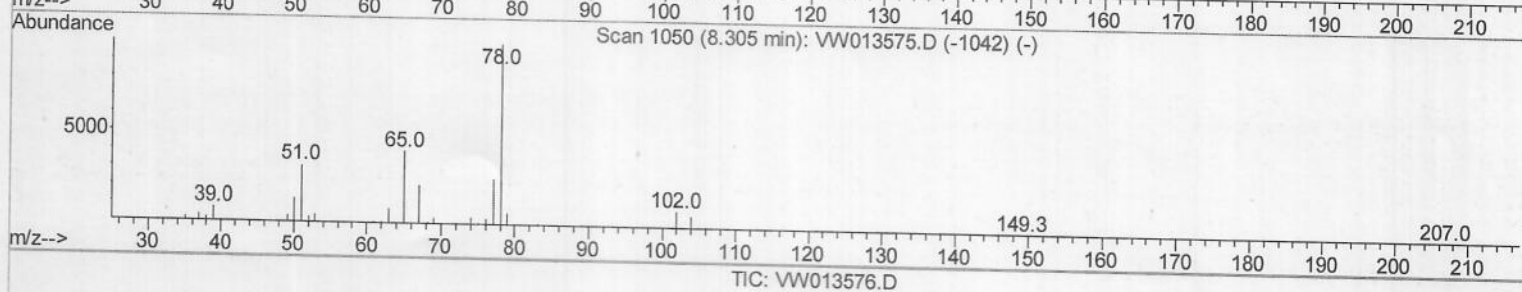
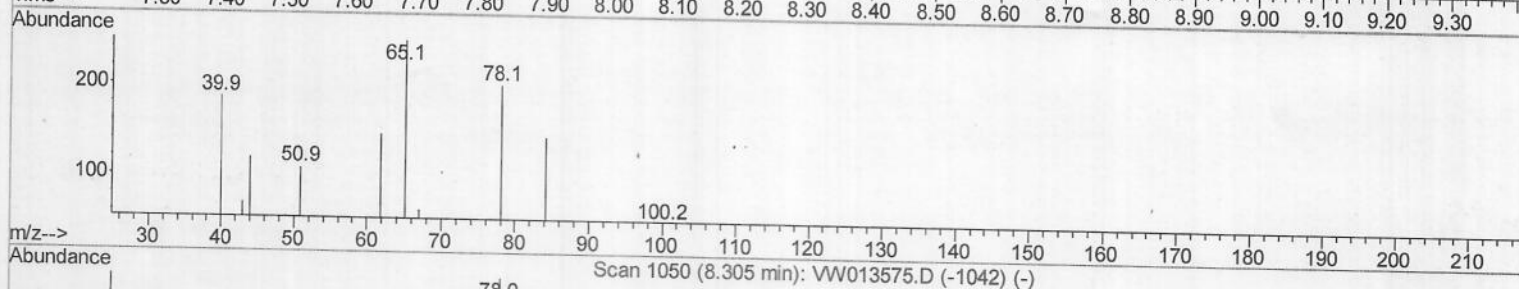
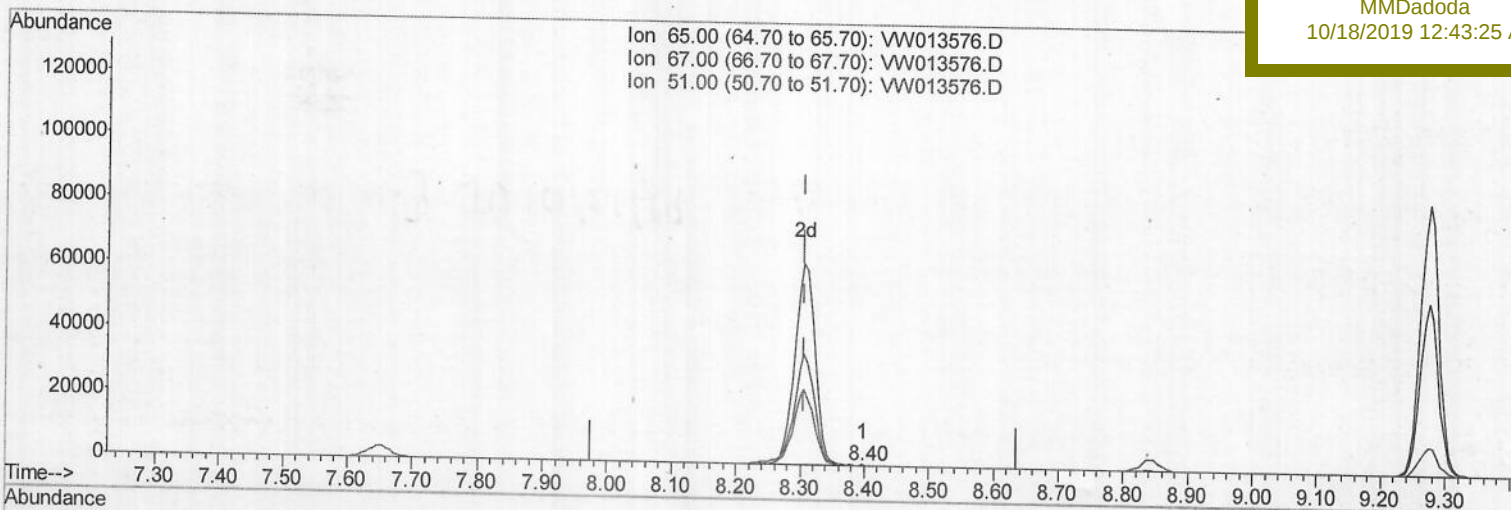
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10/18/2019 12:43:25 AM



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

8.396min (+0.091) 0.03ug/L

response 131

Ion	Exp%	Act%
65.00	100	100
67.00	54.00	44.27
51.00	119.20	132.82
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :

MSVOA_W

ClientSampled :

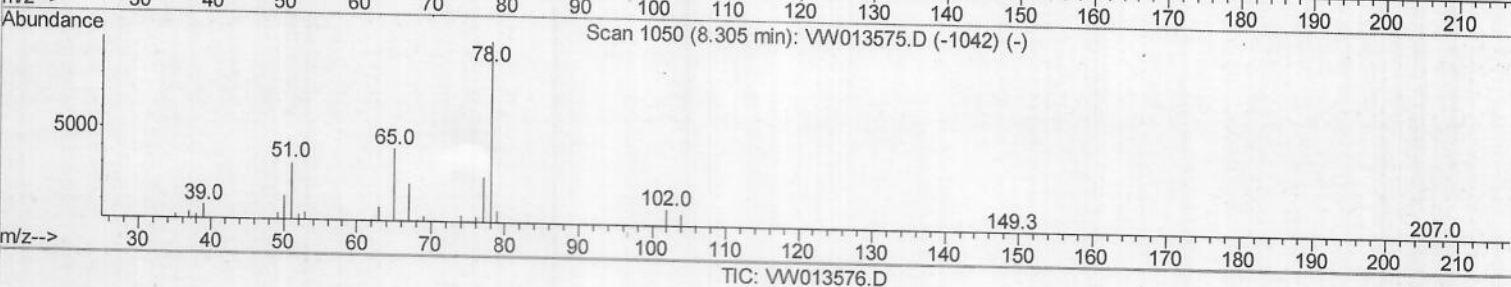
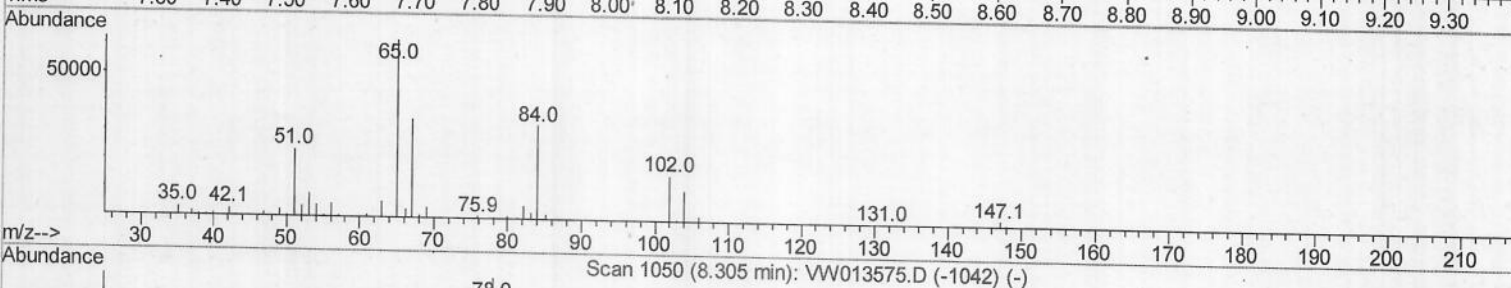
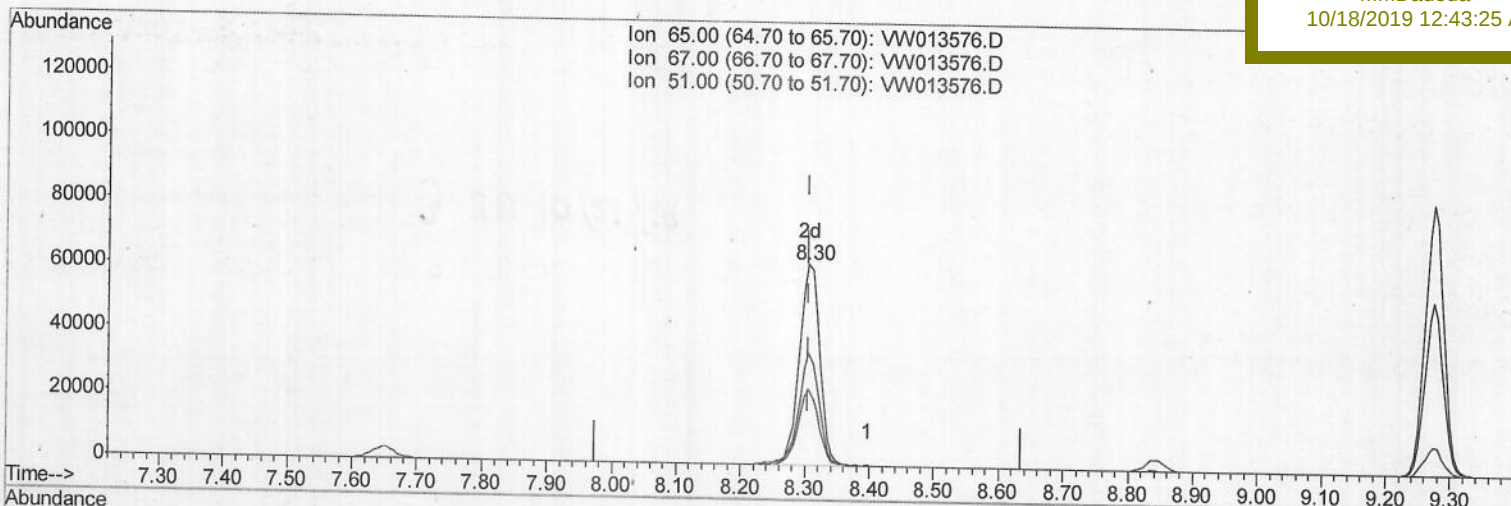
VBLK06

Manual Integrations

APPROVED

MMDadoda

10/18/2019 12:43:25 AM



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

8.305min (-0.000) 26.23ug/L m > m.D 10/21/19

response 137315

Ion	Exp%	Act%
65.00	100	100
67.00	54.00	0.04#
51.00	119.20	0.13#
0.00	0.00	0.00

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 VBLK06

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 QLast Update : Tue Oct 15 13:46:18 2019
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Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:43:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	465189	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199973	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129263	24.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.12%		
7) Chloroethane-d5	2.89	69	97160	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.08%		
10) 1,1-Dichloroethene-d2	4.02	63	206536	18.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.76%		
20) 2-Butanone-d5	7.07	46	85745	53.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.94%		
24) Chloroform-d	7.65	84	250500	24.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.16%		
26) 1,2-Dichloroethane-d4	8.30	65	137315m	26.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.92%		
29) Benzene-d6	8.27	84	571561	26.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.12%		
33) 1,2-Dichloropropane-d6	9.27	67	166861	25.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.48%		
37) Toluene-d8	10.32	98	527928	25.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.32%		
38) trans-1,3-Dichloropropene-	10.58	79	70354	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.00%		
39) 2-Hexanone-d5	10.93	63	66480	51.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.04%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133843	25.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.52%		
61) 1,2-Dichlorobenzene-d4	13.85	152	188074	26.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.68%		

m.D 10/21/19

Target Compounds

Ovalue

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