

Data File : VW014418.D

Acq On : 18 Dec 2019 03:05

Operator : SY/VA

Sample : K6257-06

Misc : 5.22G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 18 03:36:16 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M

Quant Title : VOC Analysis

QLast Update : Wed Dec 18 03:31:53 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

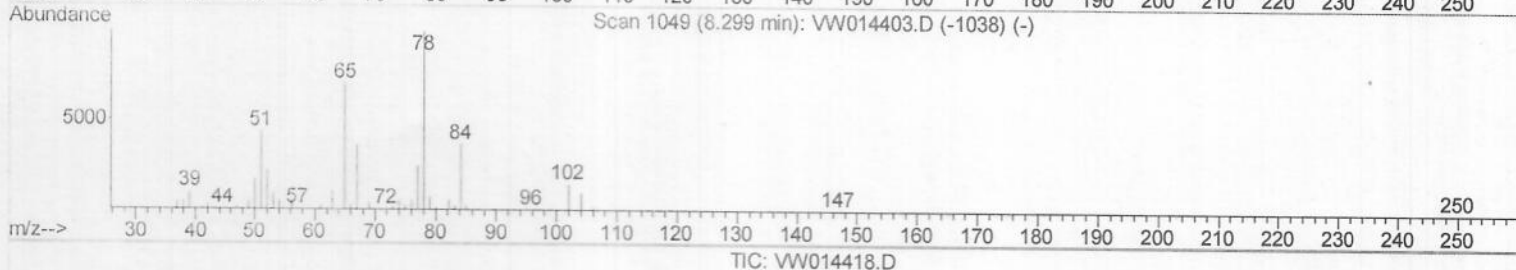
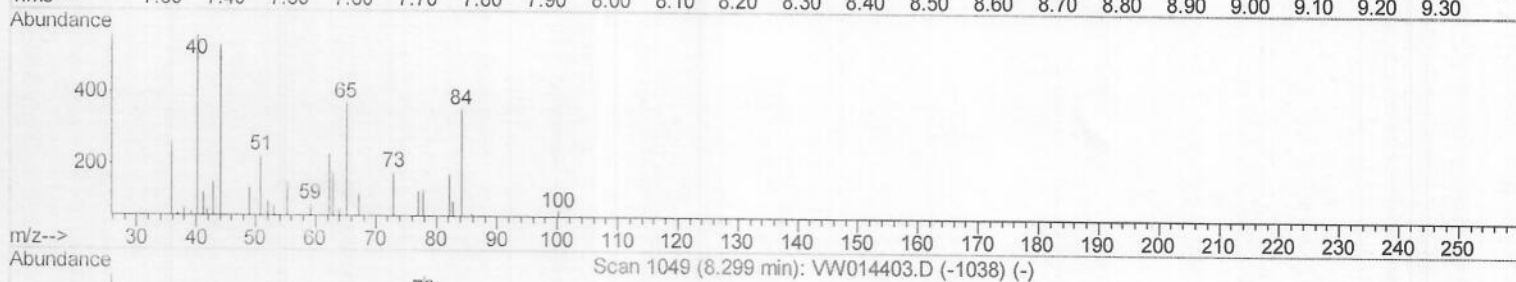
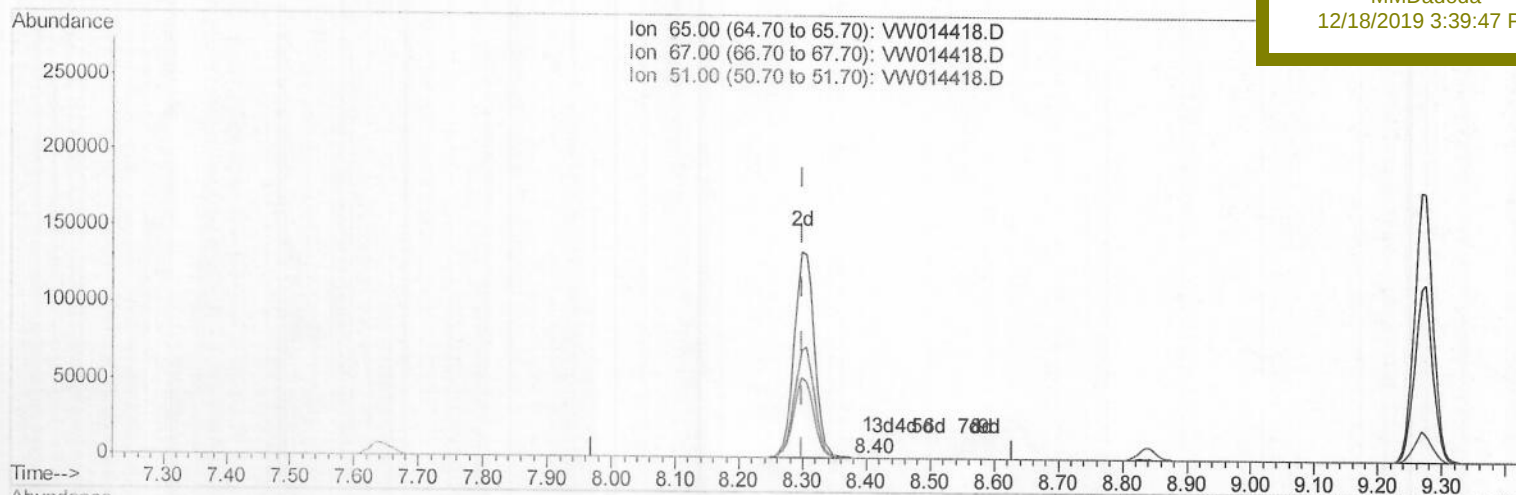
ClientSampled :

BFEW6

Manual Integrations
APPROVED

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12/18/2019 3:39:47 PM



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

8.403min (+0.104) 0.04ug/L

response 500

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	49.40
51.00	107.20	93.00
0.00	0.00	0.00

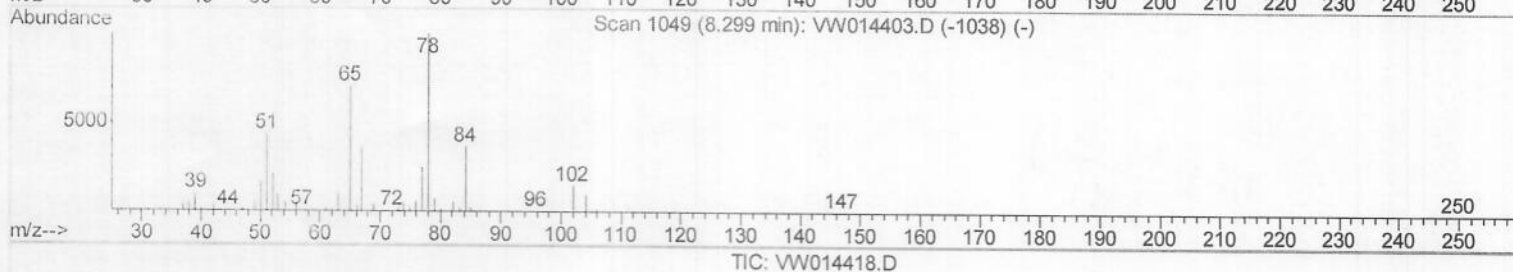
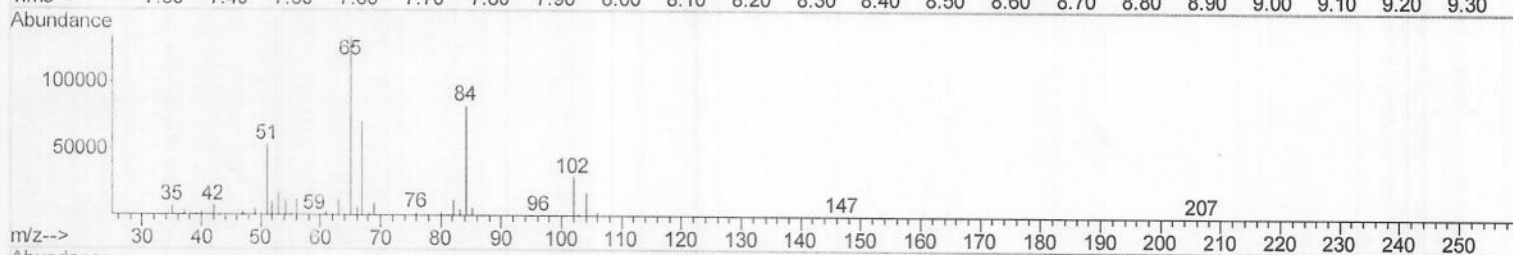
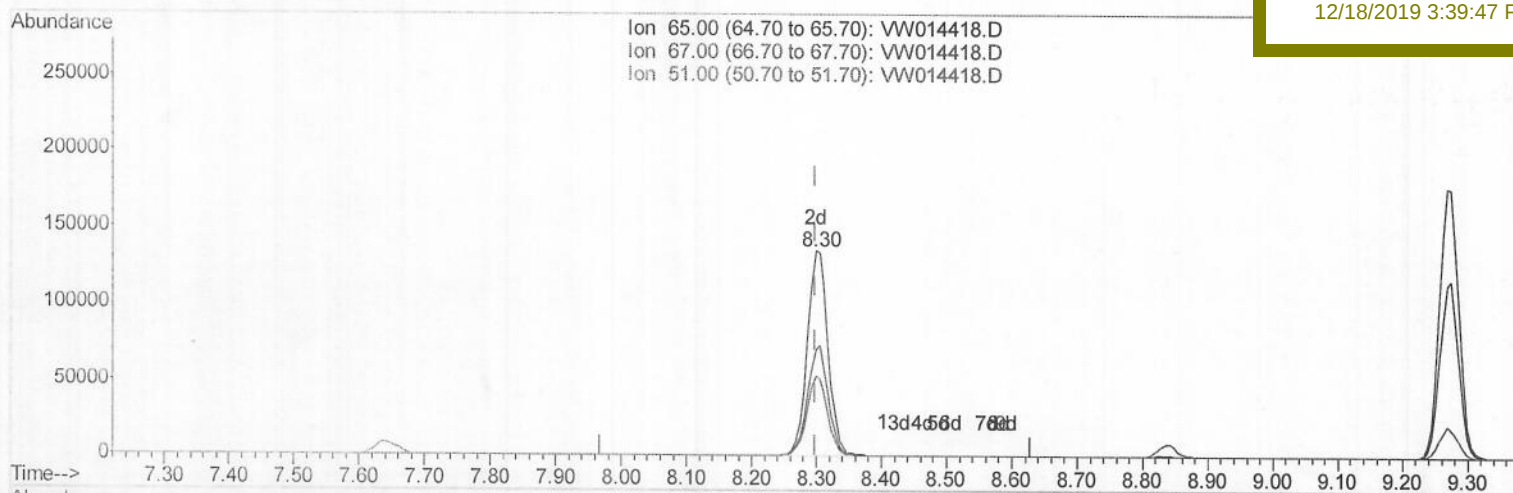
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(26) 1,2-Dichloroethane-d4 (S)

8.299min (-0.000) 25.97ug/L m

response 298857

Ion	Exp%	Act%
65.00	100	100
67.00	54.40	0.08#
51.00	107.20	0.16#
0.00	0.00	0.00

> 12/18/19 SJ

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	861931	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	763011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	266353	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	259289	19.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.48%		
7) Chloroethane-d5	2.89	69	224400	23.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.48%		
10) 1,1-Dichloroethene-d2	4.02	63	370498	16.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.28%		
20) 2-Butanone-d5	7.07	46	133771	39.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.66%		
24) Chloroform-d	7.65	84	564364	25.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.88%		
26) 1,2-Dichloroethane-d4	8.30	65	298857m	25.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.88%		
29) Benzene-d6	8.27	84	1099376	24.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.32%		
33) 1,2-Dichloropropane-d6	9.27	67	362212	26.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.32%		
37) Toluene-d8	10.32	98	922862	22.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.28%		
38) trans-1,3-Dichloropropene-	10.57	79	120142	20.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.24%		
39) 2-Hexanone-d5	10.92	63	94074	34.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.78%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	256030	22.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.36%		
61) 1,2-Dichlorobenzene-d4	13.85	152	255011	25.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.24%		

Target Compounds

					Qvalue
13) Acetone	4.12	43	16910	5.157 ug/L	68
16) Methylene chloride	4.92	84	29136	2.205 ug/L	97

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

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