

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\

Data File : VW004087.D

Acq On : 20 Jul 2018 21:41

Operator : SY/AP

Sample : VW0720SBL02

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

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 21 07:29:32 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M

Quant Title : VOC Analysis

QLast Update : Sat Jul 21 06:22:08 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

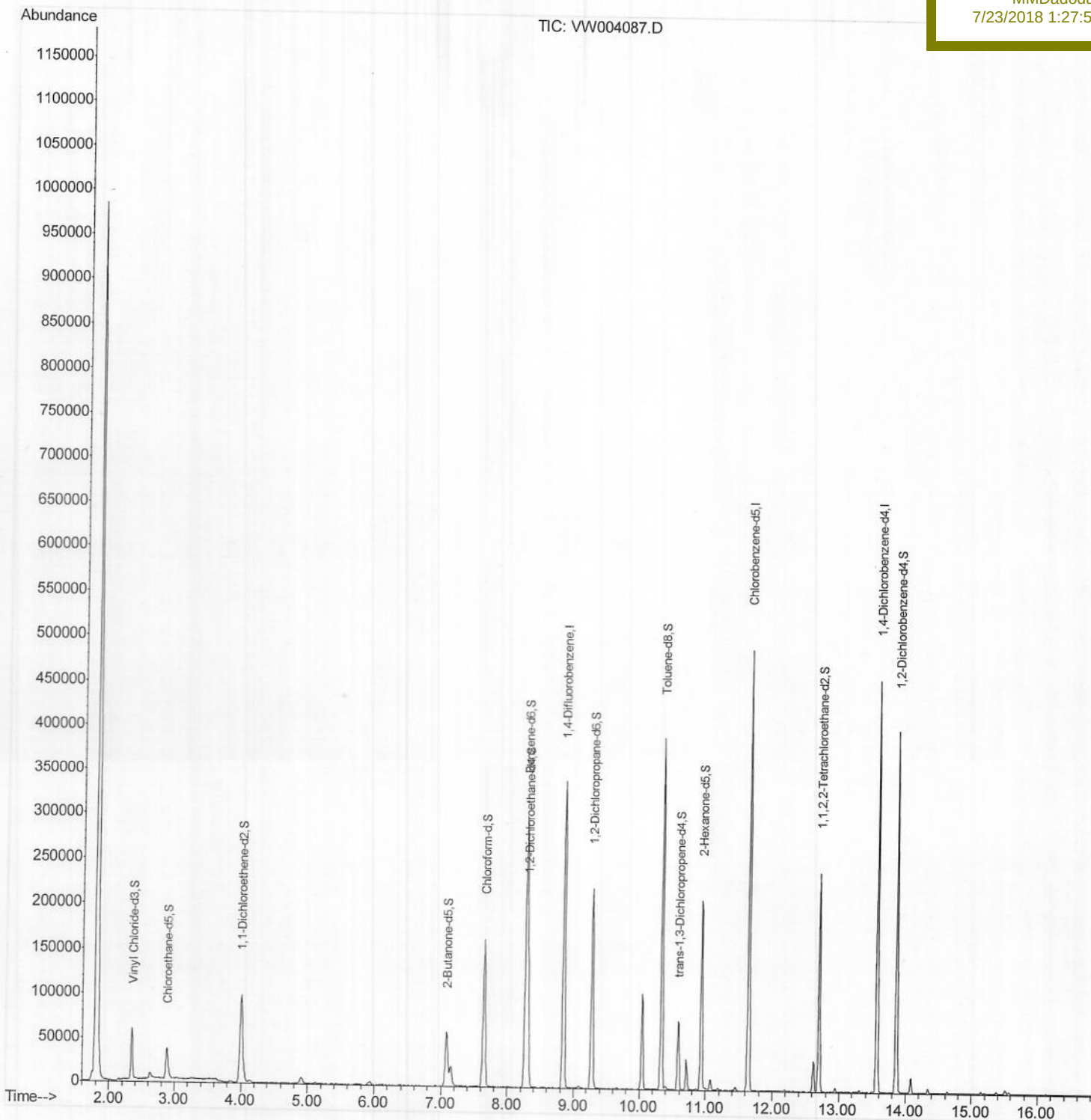
VBLK84

Manual Integrations

APPROVED

MMDadoda

7/23/2018 1:27:51 PM



SOM2WLM071818S.M Sat Jul 21 07:29:55 2018

Page: 2

Quantitation Report (Qedit)

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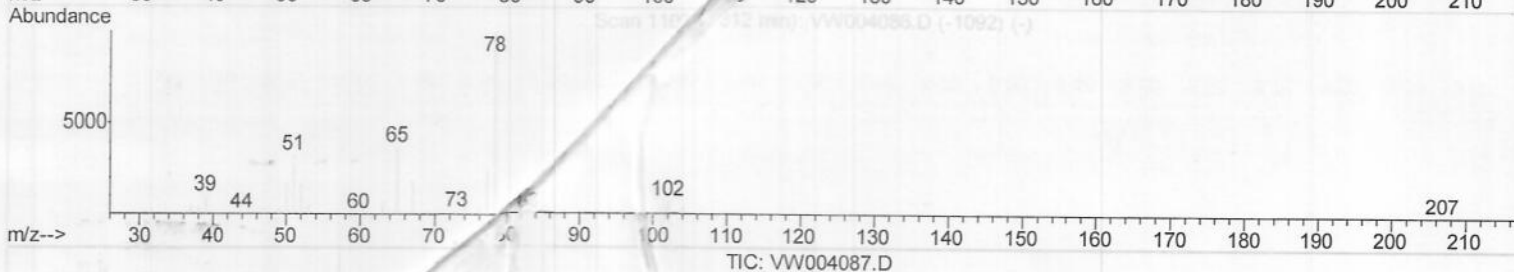
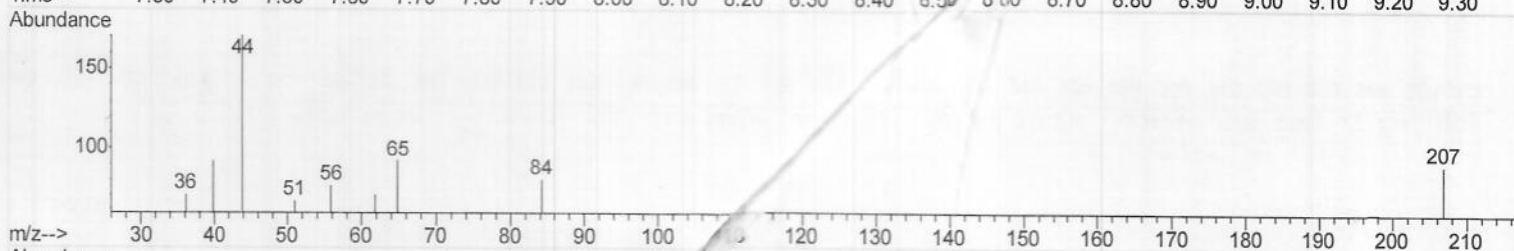
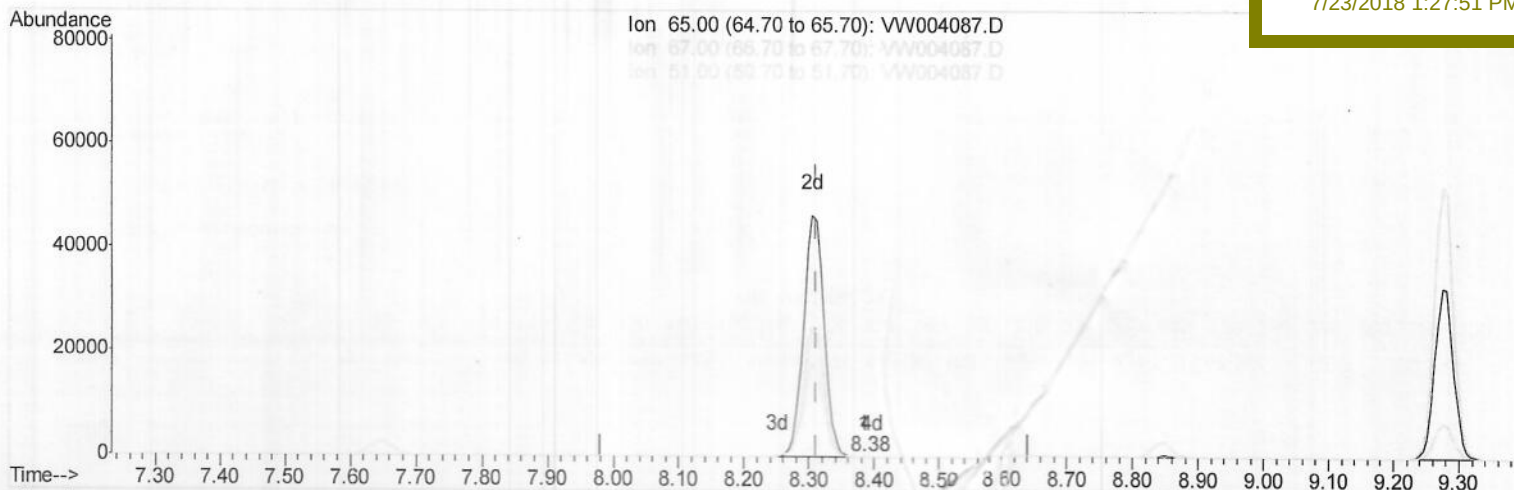
VBLK84

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(26) 1,2-Dichloroethane-d4 (C₂H₂Cl₂)

8.385min (+0.073) 0.00 ug/L

response 64

Ion	Exp%	Act%
65.00	100	100
67.00	52.50	57.81
51.00	112.30	121.88
0.00	0.00	0.00

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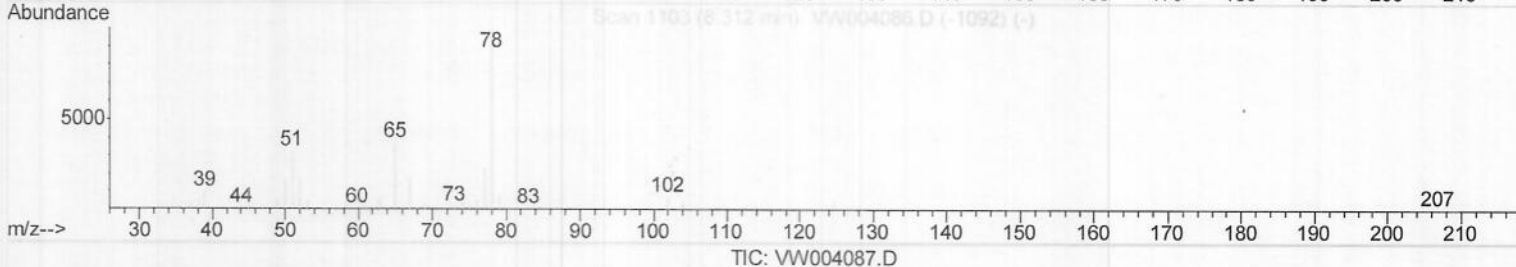
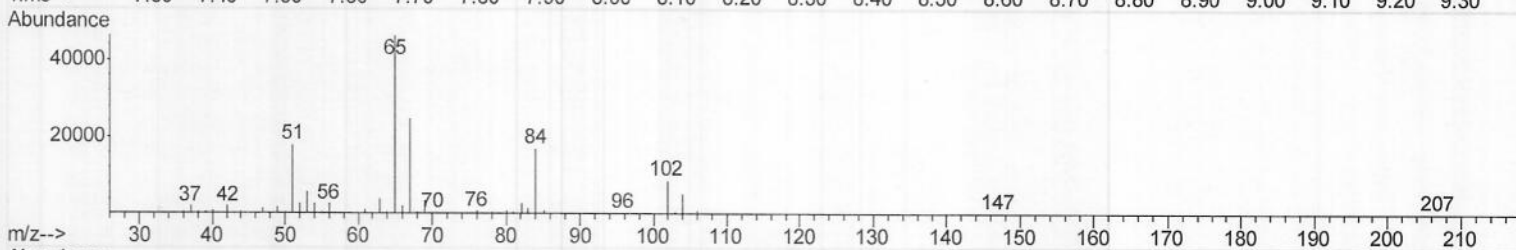
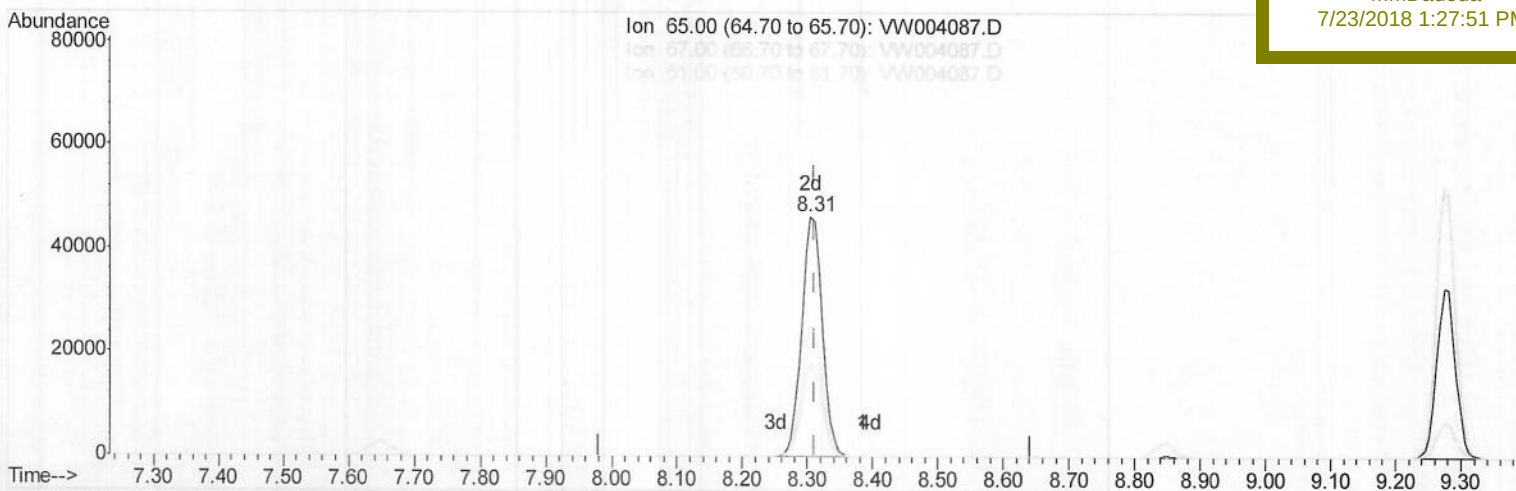
ClientSampled :

VBLK84

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

8.305min (-0.006) 25.59ug/L m

response 101097

) MD
07/24/18

Ion	Exp%	Act%
65.00	100	100
67.00	52.50	0.04#
51.00	112.30	0.08#
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	276337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	117513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61333	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.76%		
7) Chloroethane-d5	2.89	69	46211	23.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.84%		
10) 1,1-Dichloroethene-d2	4.00	63	111320	16.98	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.92%		
20) 2-Butanone-d5	7.08	46	101122	63.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.18%		
24) Chloroform-d	7.65	84	168213	25.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.60%		
26) 1,2-Dichloroethane-d4	8.31	65	101097m	25.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.36%		
29) Benzene-d6	8.27	84	300251	24.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.24%		
33) 1,2-Dichloropropane-d6	9.27	67	104319	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.28%		
37) Toluene-d8	10.33	98	256717	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.52%		
38) trans-1,3-Dichloropropene-	10.58	79	41611	22.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.96%		
39) 2-Hexanone-d5	10.93	63	65335	58.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.84%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122255	27.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.36%		
61) 1,2-Dichlorobenzene-d4	13.86	152	104211	27.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.32%		

MD
07/24/18

Target Compounds Ovalue

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