

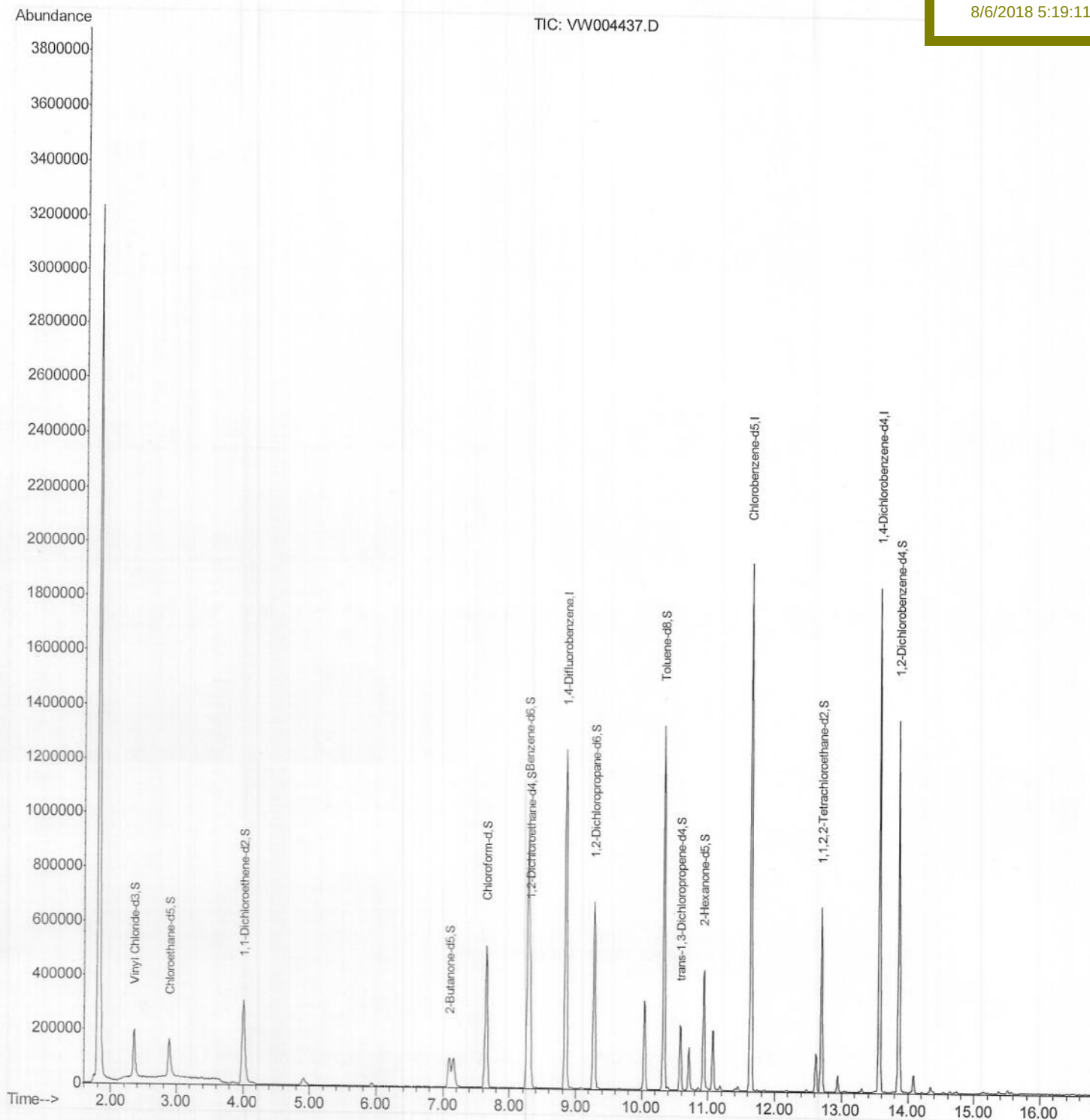
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004437.D
Acq On : 03 Aug 2018 09:43
Operator : SY/AP
Sample : VW0802SBL03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 01:30:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 01:26:48 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VBLK95

Manual Integrations
APPROVED

MMDadoda
8/6/2018 5:19:11 PM



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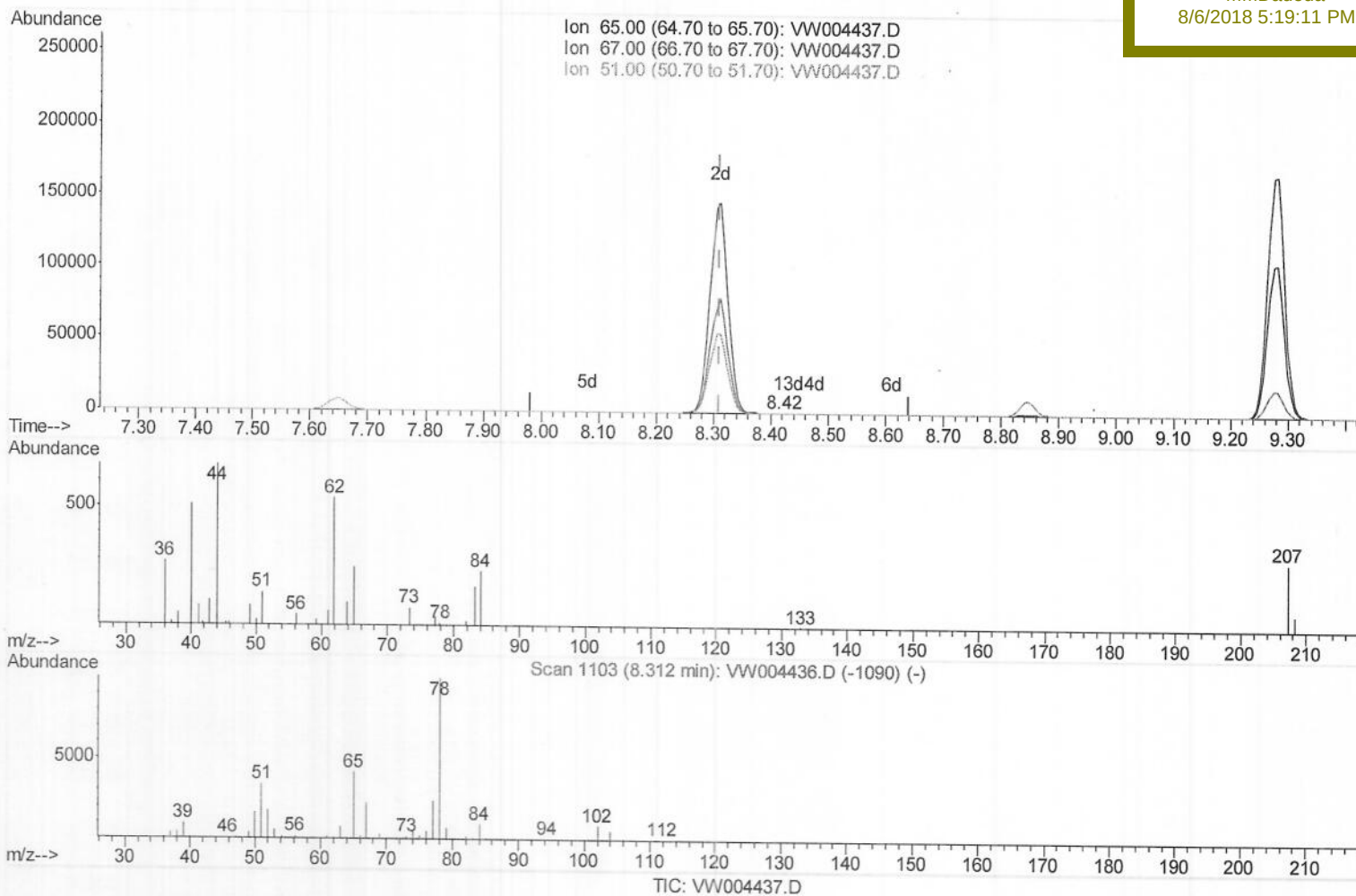
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Manual Integrations
APPROVEDMMDadoda
8/6/2018 5:19:11 PM

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

8.415min (+0.104) 0.01ug/L

response 203

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	64.53
51.00	107.50	122.66
0.00	0.00	0.00

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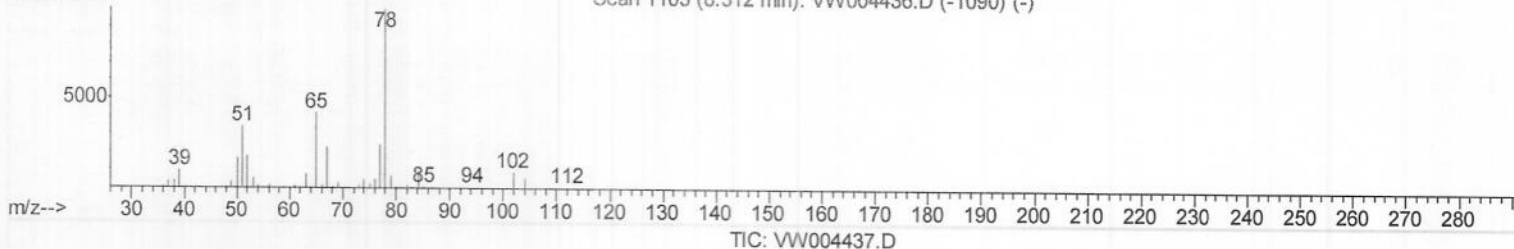
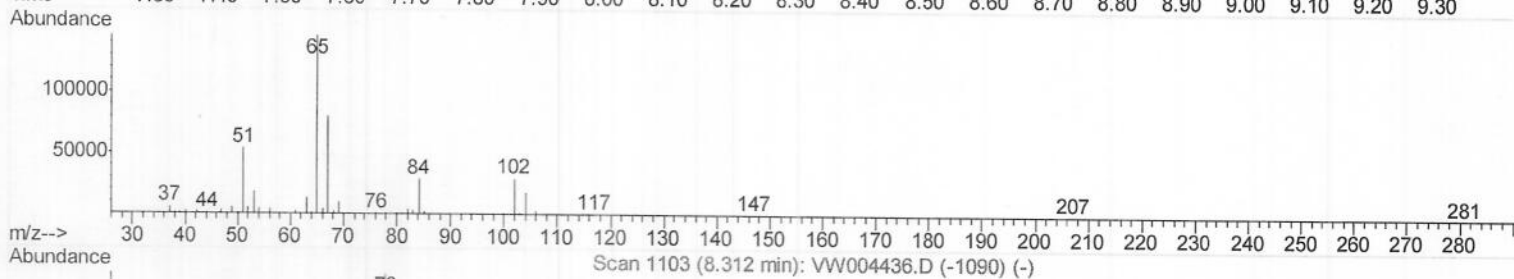
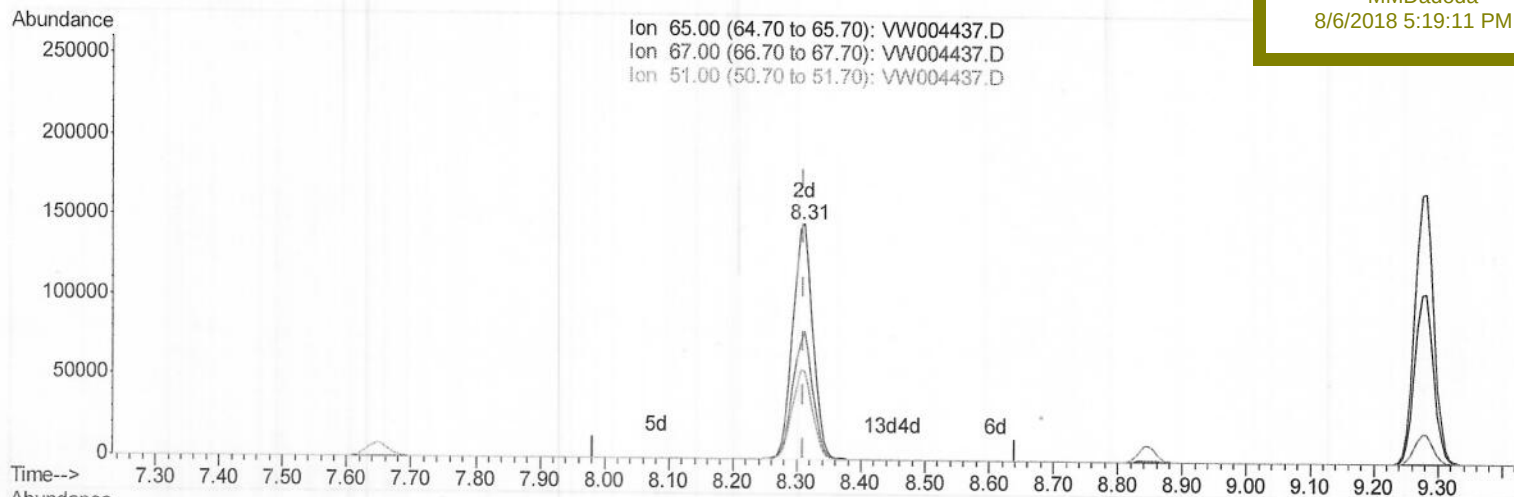
ClientSampled :

VBLK95

Manual Integrations
APPROVED

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8/6/2018 5:19:11 PM



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

8.312min (+0.000) 20.26ug/L m > M.D 08/08/18

response 315989

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	0.04#
51.00	107.50	0.08#
0.00	0.00	0.00

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 MSVOA_W
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Manual Integrations
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 8/6/2018 5:19:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1033582	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1061886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	475136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	252707	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
7) Chloroethane-d5	2.89	69	208170	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
10) 1,1-Dichloroethene-d2	4.01	63	370920	14.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.84%
20) 2-Butanone-d5	7.09	46	193817	34.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.38%
24) Chloroform-d	7.65	84	547608	19.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.28%
26) 1,2-Dichloroethane-d4	8.31	65	315989m	20.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.04%
29) Benzene-d6	8.28	84	1035788	18.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.36%
33) 1,2-Dichloropropane-d6	9.28	67	342439	18.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.20%
37) Toluene-d8	10.33	98	894865	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.88%
38) trans-1,3-Dichloropropene-	10.58	79	131412	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.24%
39) 2-Hexanone-d5	10.93	63	140449	31.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	346487	17.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	362163	20.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.16%

MD 08/08/18

Target Compounds	Qvalue

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