

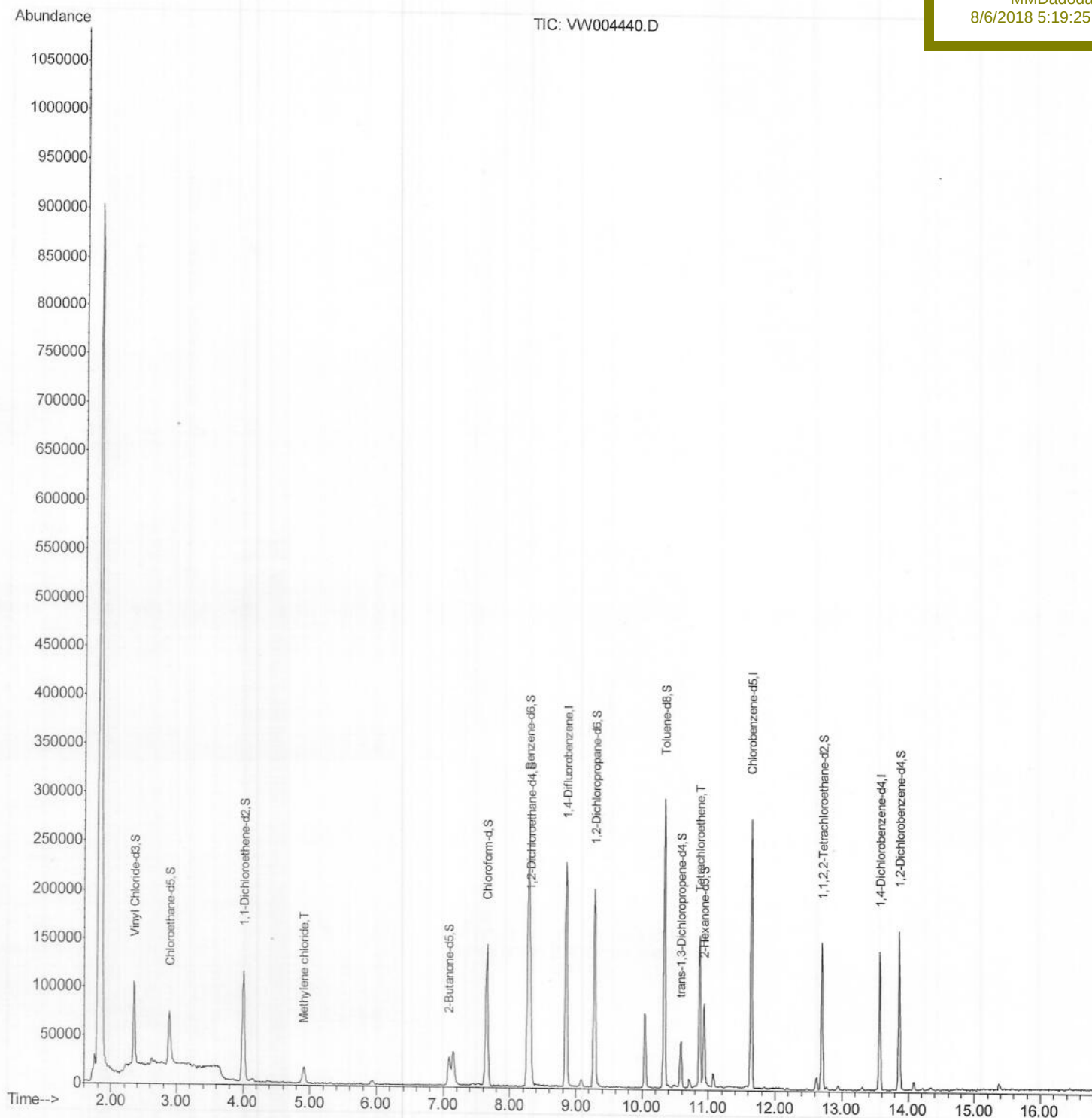
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004440.D
Acq On : 03 Aug 2018 11:25
Operator : SY/AP
Sample : J4334-01
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 01:52:32 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
ClientSampled :
BEY64

Manual Integrations
APPROVED

MMDadoda
8/6/2018 5:19:25 PM



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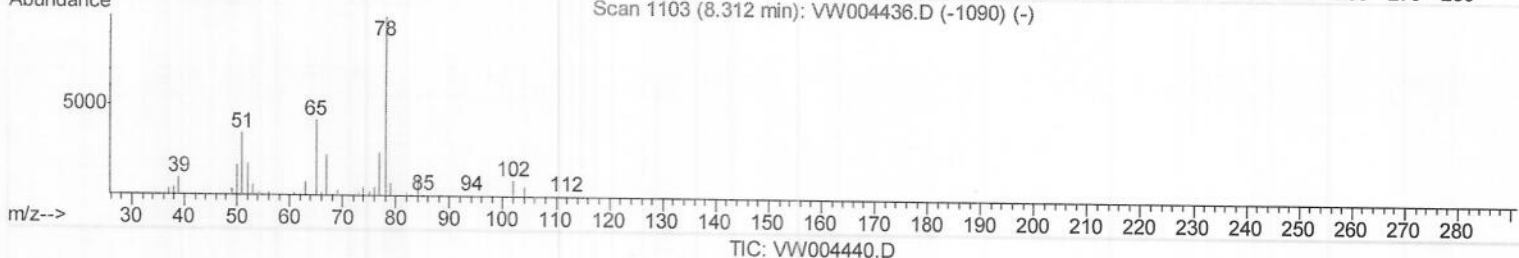
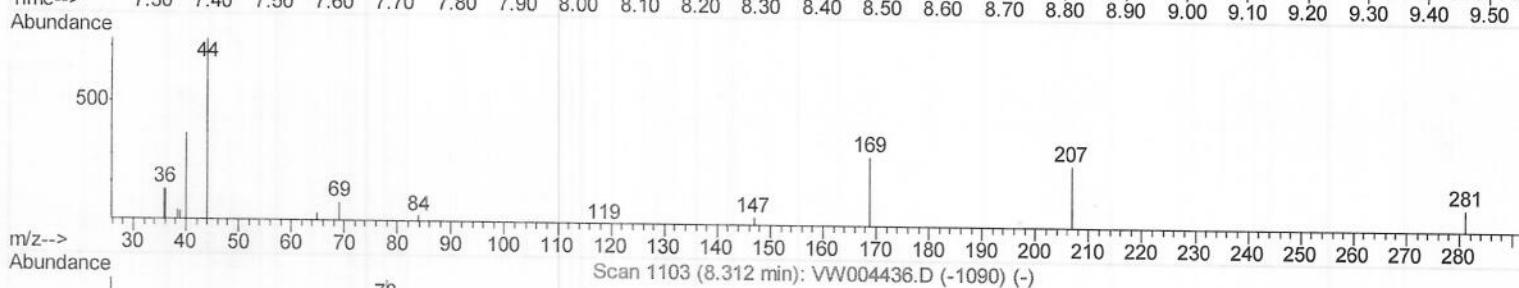
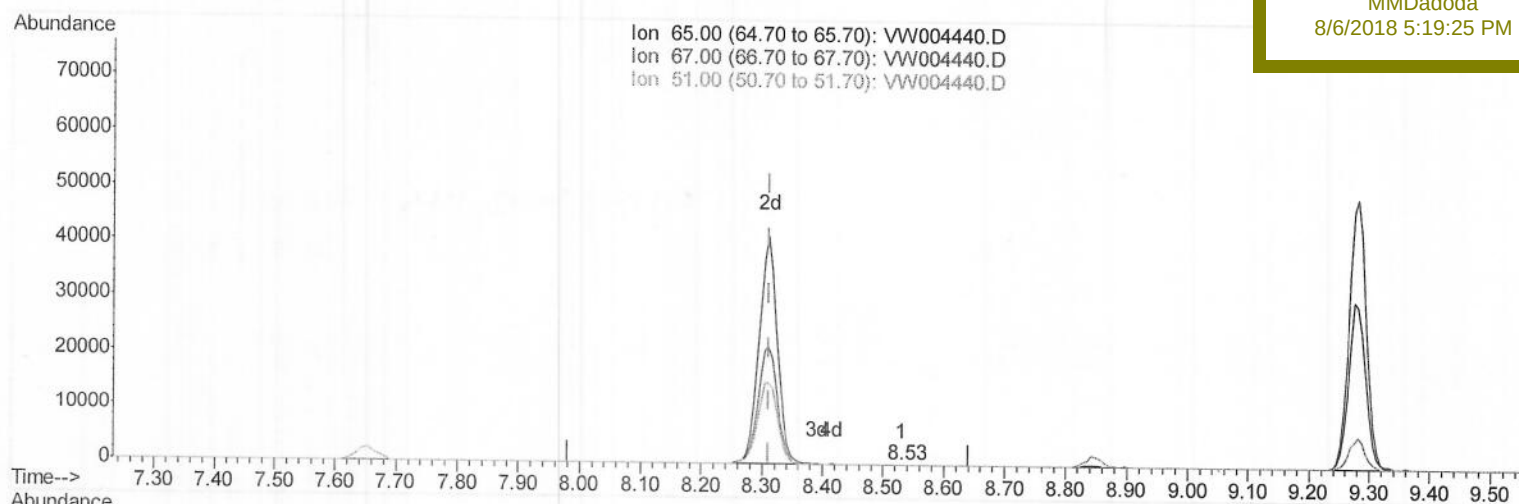
BEY64

Manual Integrations

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8/6/2018 5:19:25 PM



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

8.531min (+0.219) 0.03ug/L

response 81

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	55.56
51.00	107.50	128.40
0.00	0.00	0.00

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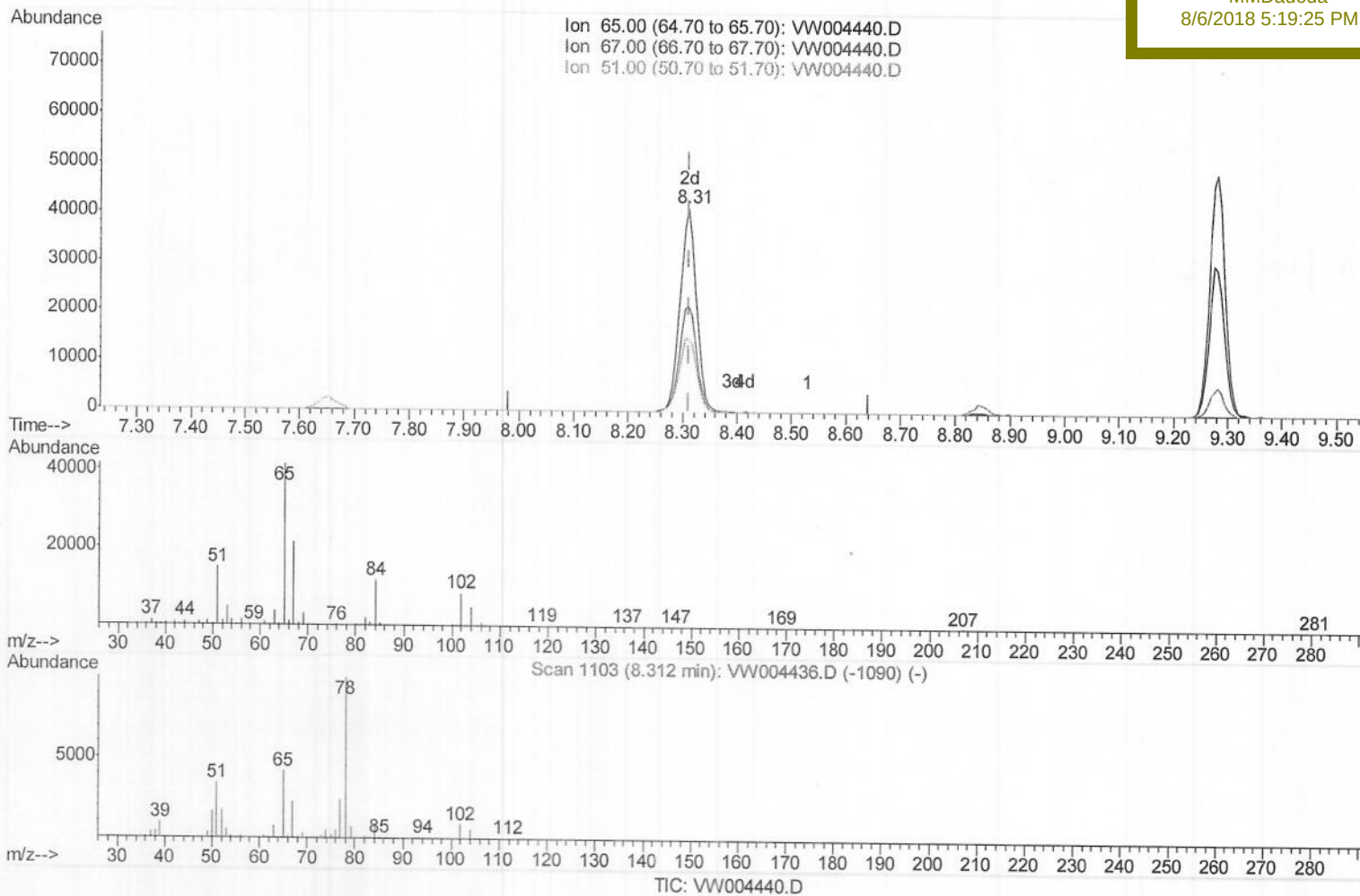
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BEY64

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APPROVED

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8/6/2018 5:19:25 PM



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

8.311min (-0.000) 30.32ug/L m) MD 08/08/18

response 86950

Ion	Exp%	Act%
65.00	100	100
67.00	55.10	0.05#
51.00	107.50	0.12#
0.00	0.00	0.00

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 MSVOA_W
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 BEY64

Quant Time: Aug 04 01:52:32 2018
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Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 5:19:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	189994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	154715	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99601	42.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	168.60%#		
7) Chloroethane-d5	2.89	69	80537	40.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	162.04%#		
10) 1,1-Dichloroethene-d2	4.01	63	109657	22.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.40%		
20) 2-Butanone-d5	7.09	46	47550	45.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.26%		
24) Chloroform-d	7.65	84	151925	29.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	118.16%		
26) 1,2-Dichloroethane-d4	8.31	65	86950m)	30.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	121.28%		
29) Benzene-d6	8.28	84	284760	34.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	138.40%#		
33) 1,2-Dichloropropane-d6	9.28	67	98131	36.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	145.92%#		
37) Toluene-d8	10.33	98	199497	27.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	109.96%		
38) trans-1,3-Dichloropropene-	10.59	79	25655	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.76%		
39) 2-Hexanone-d5	10.93	63	24192	36.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.88%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	76376	26.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.72%		
61) 1,2-Dichlorobenzene-d4	13.86	152	43504	30.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	121.84%#		

MP 08/08/18

Target Compounds

					Qvalue
16) Methylene chloride	4.92	84	12262	3.249 ug/L	91
47) Tetrachloroethene	10.87	164	34755	18.307 ug/L	98

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