

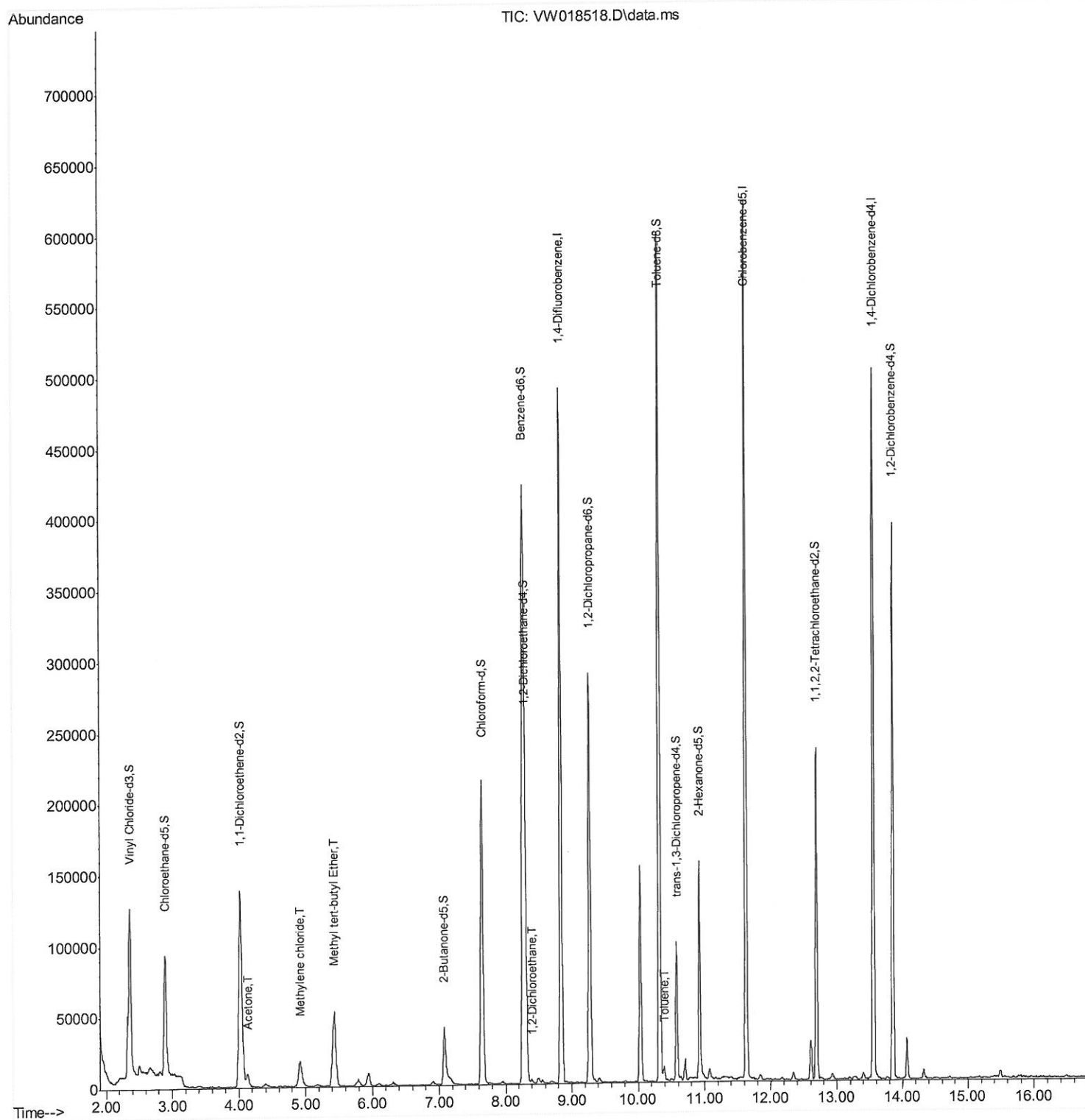
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
Data File : VW018518.D
Acq On : 31 Mar 2021 17:35
Operator : SY/VA
Sample : M1859-11
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG550

Manual Integrations
APPROVED

MMDadoda
4/6/2021 1:04:16 PM

Quant Time: Apr 01 02:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 01 02:04:50 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

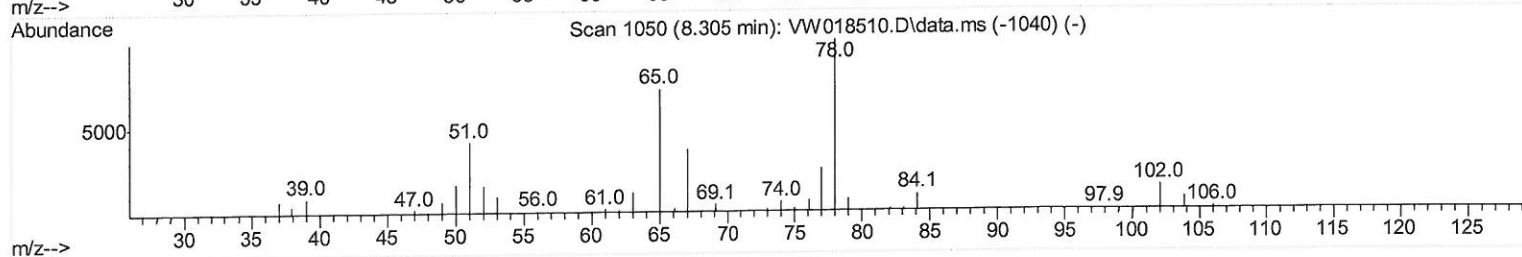
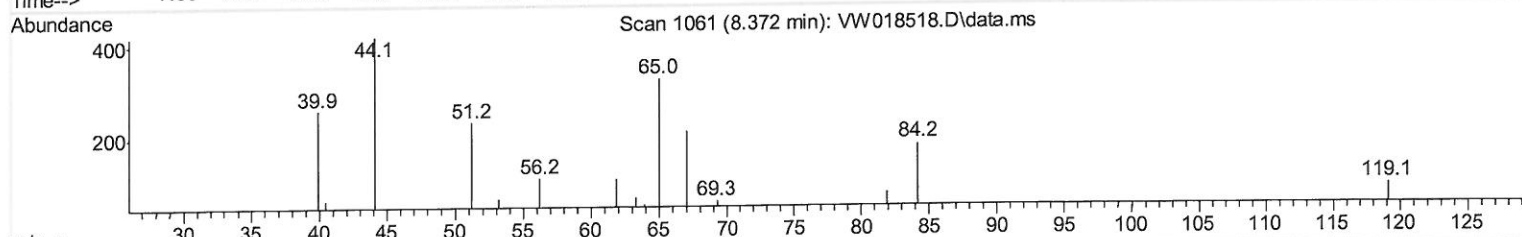
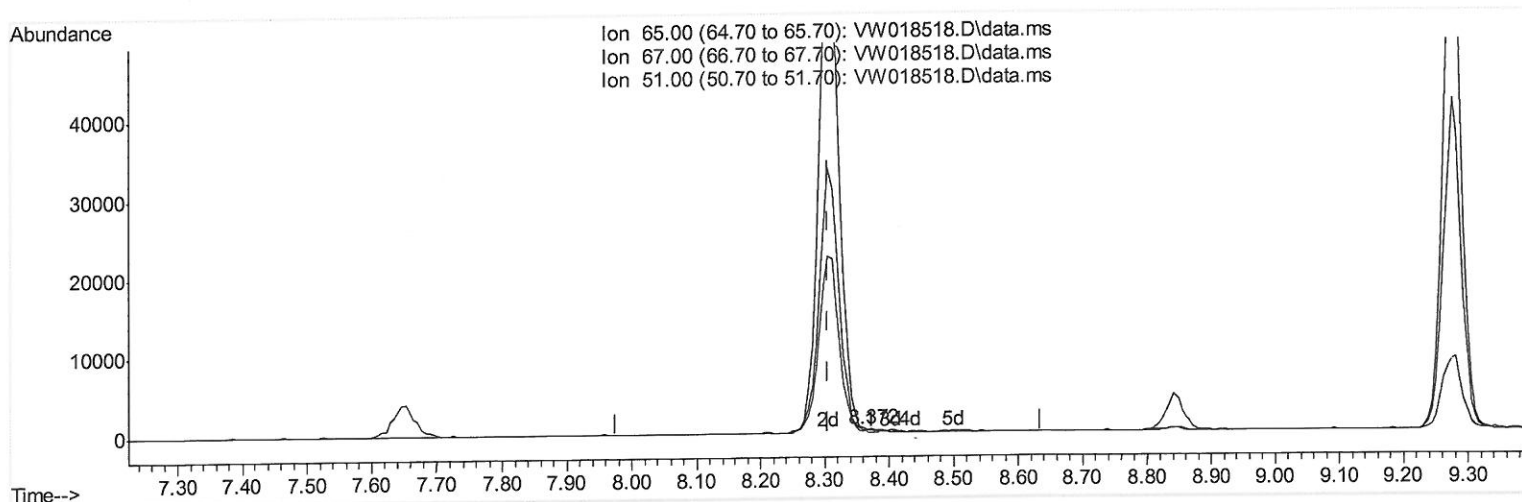
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TIC: VW018518.D\data.ms

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

8.372min (+ 0.067) 0.05 ug/L

response 302

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	47.35
51.00	87.20	73.51
0.00	0.00	0.00

Quantitation Report (Qedit)

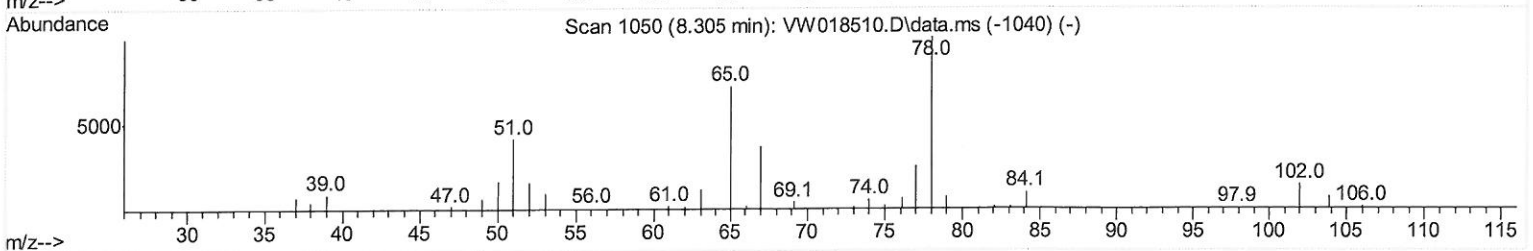
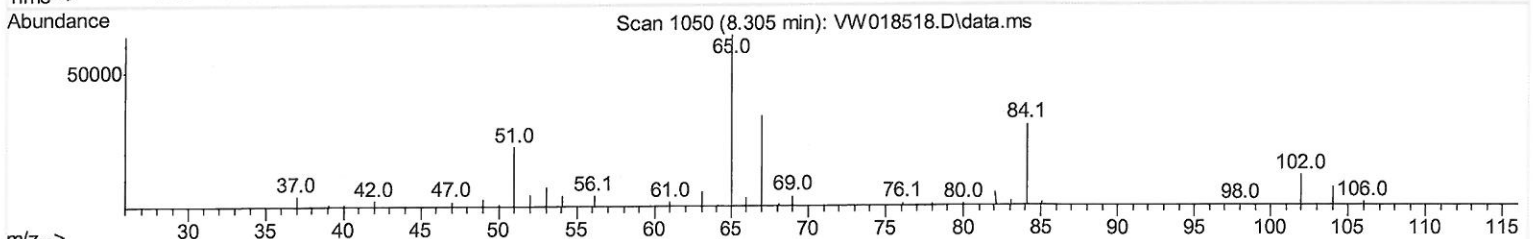
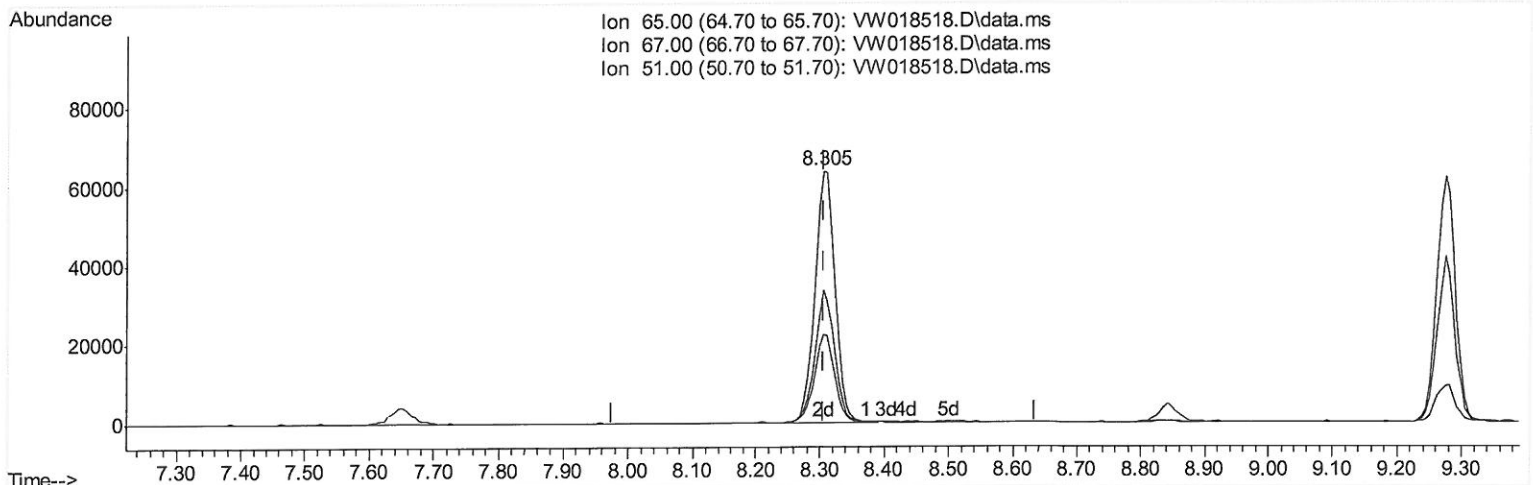
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 MSVOA_W
 ClientSampled :
 BG550

Manual Integrations
 APPROVED

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 4/6/2021 1:04:16 PM

Quant Time: Apr 01 02:07:15 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration



TIC: VW018518.D\data.ms

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

8.305min (-0.000) 23.80 ug/L m

response 138862

Ion Exp% Act%

65.00 100.00 100.00

67.00 49.50 0.10#

51.00 87.20 0.16#

0.00 0.00 0.00

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 4/9/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018518.D
 Acq On : 31 Mar 2021 17:35
 Operator : SY/VA
 Sample : M1859-11
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG550

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:04:16 PM

Quant Time: Apr 01 02:07:15 2021
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	331618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	128084	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	143673	26.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.24%			
7) Chloroethane-d5	2.891	69	113088	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.60%			
10) 1,1-Dichloroethene-d2	4.019	63	152851	16.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.84%			
20) 2-Butanone-d5	7.080	46	66060	54.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.66%			
24) Chloroform-d	7.653	84	214363	21.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.76%			
26) 1,2-Dichloroethane-d4	8.305	65	138862m	23.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%			
29) Benzene-d6	8.275	84	425730	24.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.60%			
33) 1,2-Dichloropropane-d6	9.274	67	124567	24.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.00%			
37) Toluene-d8	10.323	98	396461	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.44%			
38) trans-1,3-Dichloroprop...	10.579	79	50590	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.16%			
39) 2-Hexanone-d5	10.927	63	50926	51.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.34%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	109786	24.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.52%			
61) 1,2-Dichlorobenzene-d4	13.853	152	93007	20.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.68%			
Target Compounds						
13) Acetone	4.129	43	16325	18.69	ug/L	70
16) Methylene chloride	4.922	84	14201	2.21	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	85233	11.84	ug/L #	94
27) 1,2-Dichloroethane	8.403	62	1959	0.28	ug/L #	84
44) Toluene	10.390	91	6192	0.28	ug/L	97

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

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 4/9/21