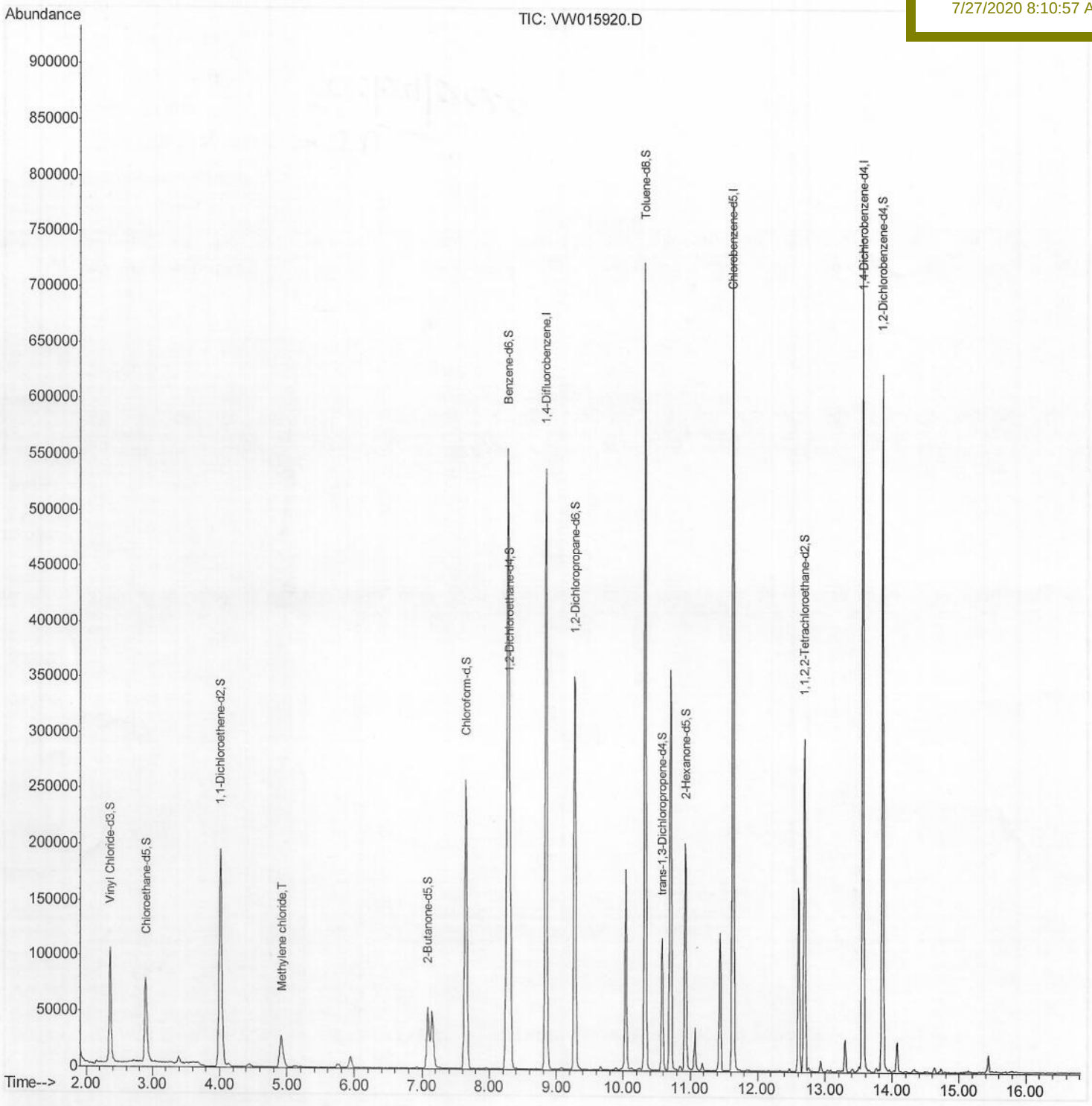
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015920.D
Acq On : 23 Jul 2020 14:29
Operator : SY/VA
Sample : VIBLK20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 07:18:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK20

Manual Integrations APPROVED
MMDadoda
7/27/2020 8:10:57 AM



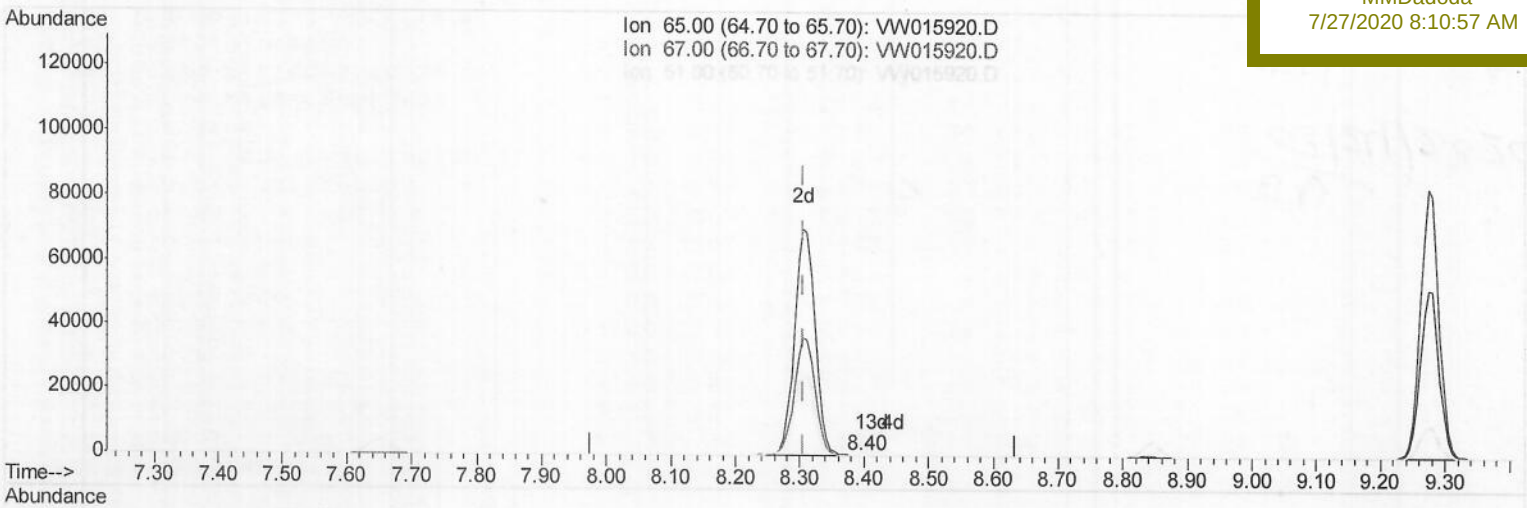
Quantitation Report (Qedit)

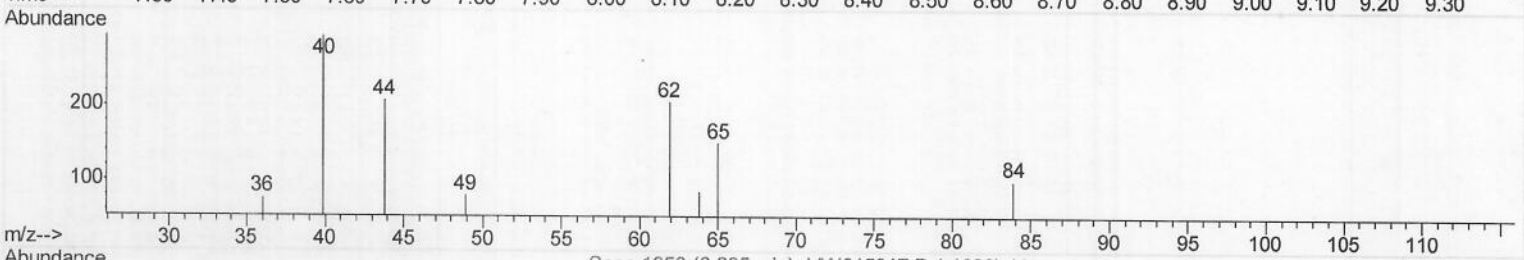
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015920.D
Acq On : 23 Jul 2020 14:29
Operator : SY/VA
Sample : VIBLK20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

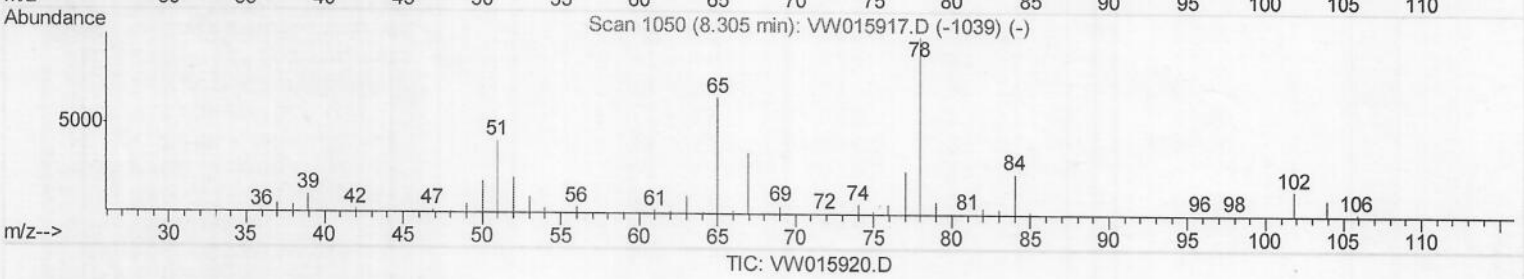
Quant Time: Jul 24 07:02:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK20

Manual Integrations APPROVED
MMDadoda
7/27/2020 8:10:57 AM







TIC: VW015920.D

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

8.397min (+0.091) 0.02ug/L

response 138

Ion	Exp%	Act%
65.00	100	100
67.00	52.80	68.12
51.00	107.10	98.55
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
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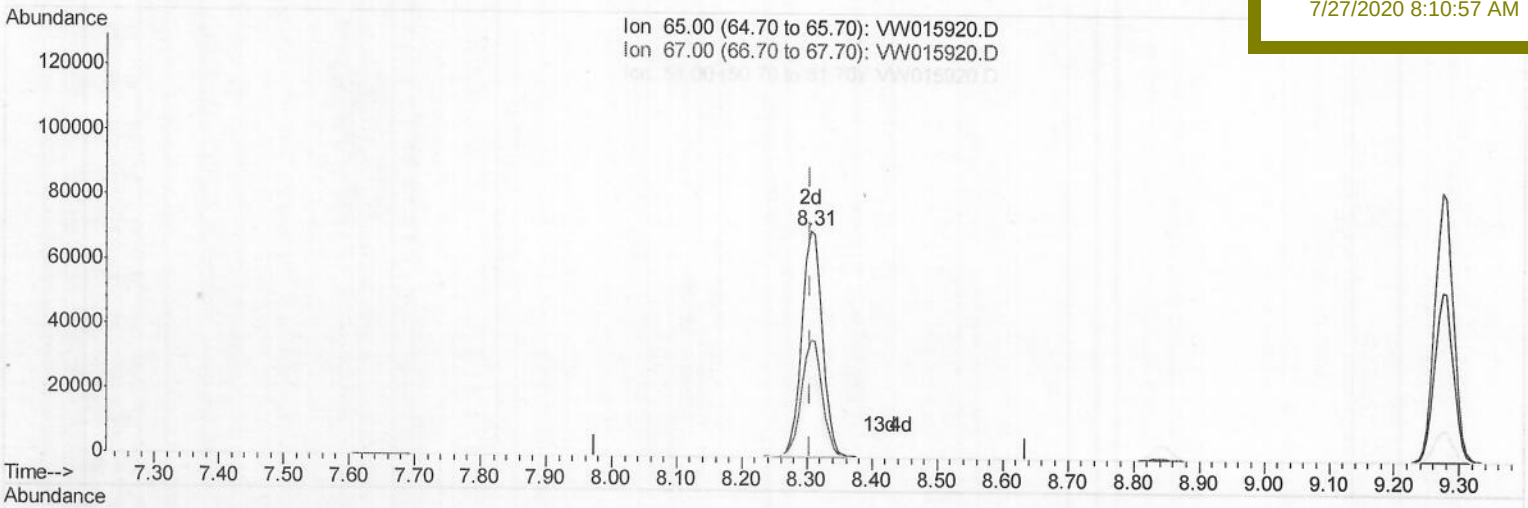
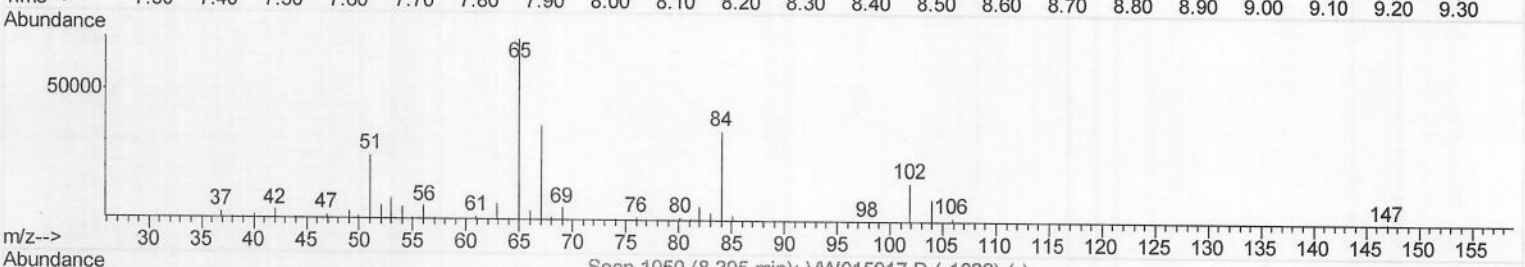
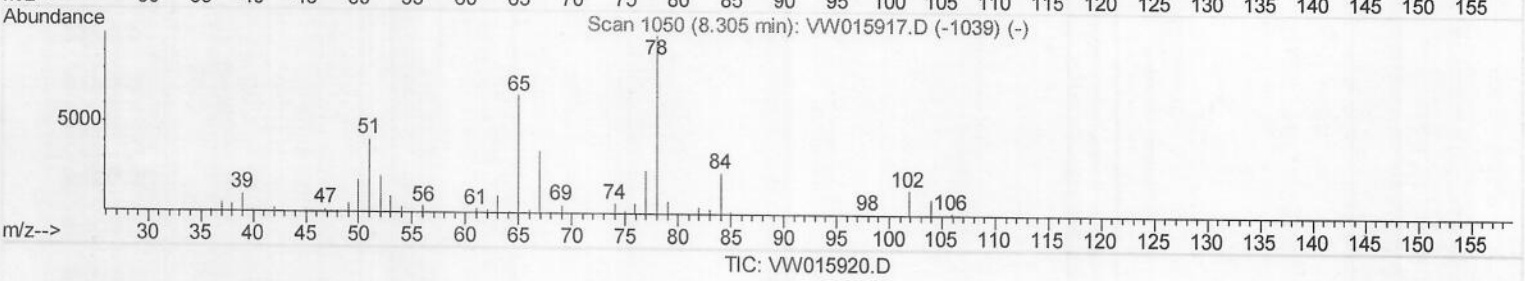
Instrument :
MSVOA_W
ClientSampleId :
VIBLK20

Manual Integrations APPROVED
MMDadoda
7/27/2020 8:10:57 AM







TIC: VW015920.D

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

8.305min (-0.000) 22.40ug/L m SY 07/27/20

response 156414

Ion	Exp%	Act%
65.00	100	100
67.00	52.80	0.06#
51.00	107.10	0.09#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 23 Jul 2020 14:29
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QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VIBLK20

Manual Integrations APPROVED
MMDadoda
7/27/2020 8:10:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	452865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185380	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	125150	19.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.32%			
7) Chloroethane-d5	2.90	69	109831	21.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.64%			
10) 1,1-Dichloroethene-d2	4.01	63	200149	15.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.96%			
20) 2-Butanone-d5	7.09	46	92172	54.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.82%			
24) Chloroform-d	7.65	84	267653	21.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.16%			
26) 1,2-Dichloroethane-d4	8.31	65	156414m	22.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.60%			
29) Benzene-d6	8.27	84	542655	21.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.48%			
33) 1,2-Dichloropropane-d6	9.27	67	165265	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.88%			
37) Toluene-d8	10.33	98	478543	21.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.20%			
38) trans-1,3-Dichloropropene-	10.58	79	65583	20.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.80%			
39) 2-Hexanone-d5	10.93	63	68235	54.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144924	25.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	164353	22.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.96%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	21552	2.904	ug/L	96

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

SY 07/27/20