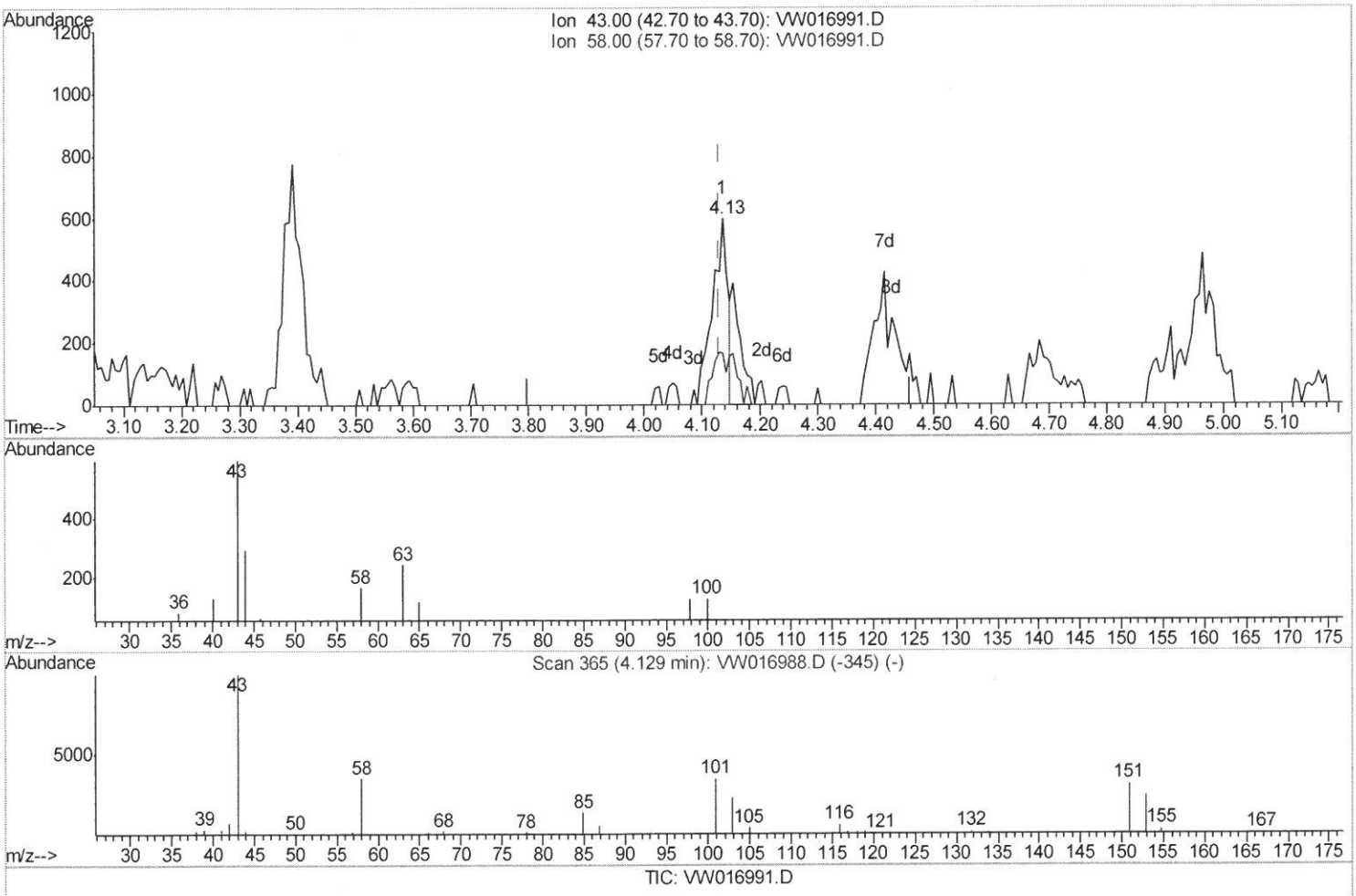
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102620\
Data File : VW016991.D
Acq On : 26 Oct 2020 12:14
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 08:24:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Manual Integrations APPROVED
MMDadoda
10/27/2020 3:34:40 PM



TIC: VW016991.D

(13) Acetone (T)

4.135min (+0.006) 1.36ug/L

response 1103

Ion	Exp%	Act%
43.00	100	100
58.00	34.90	24.66
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED
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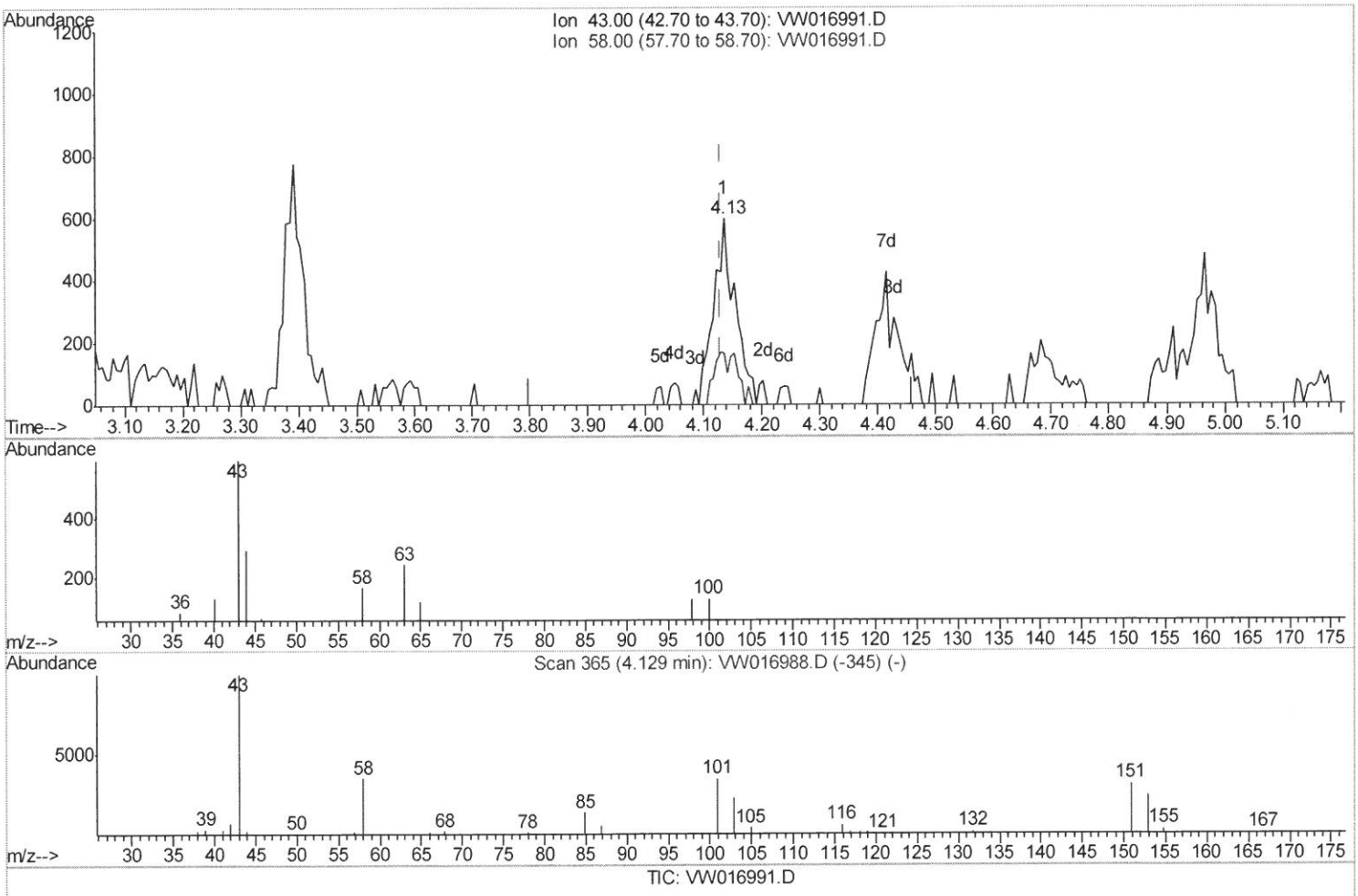

TIC: VW016991.D

(13) Acetone (T)

4.135min (+0.006) 1.88ug/L m 11/09/20

response 1528

Ion	Exp%	Act%
43.00	100	100
58.00	34.90	17.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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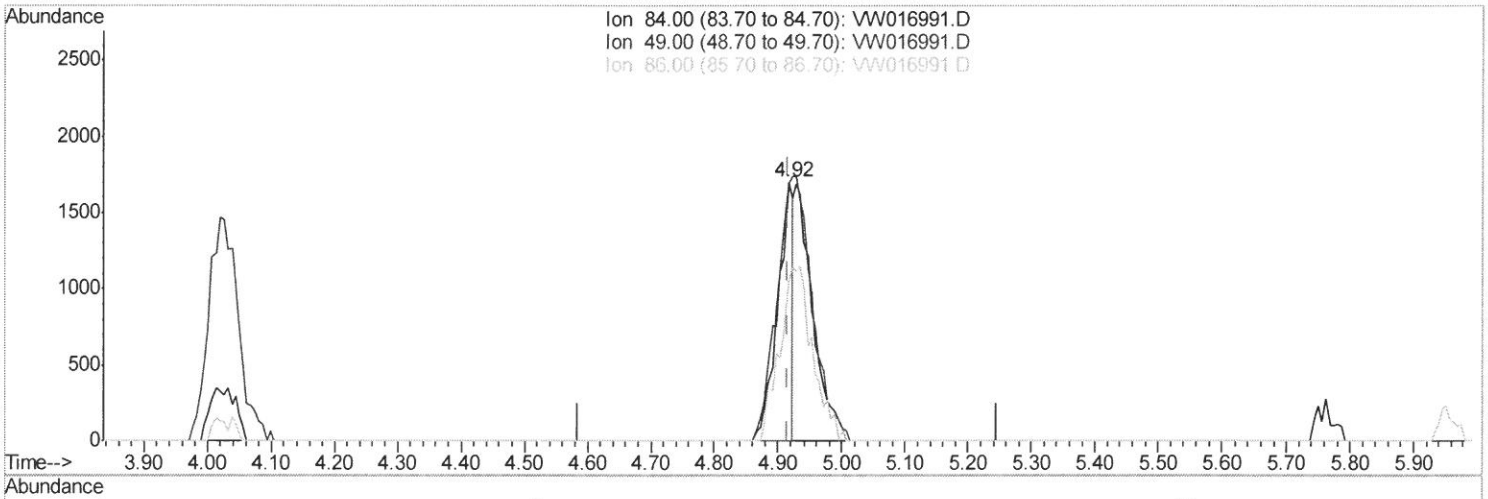

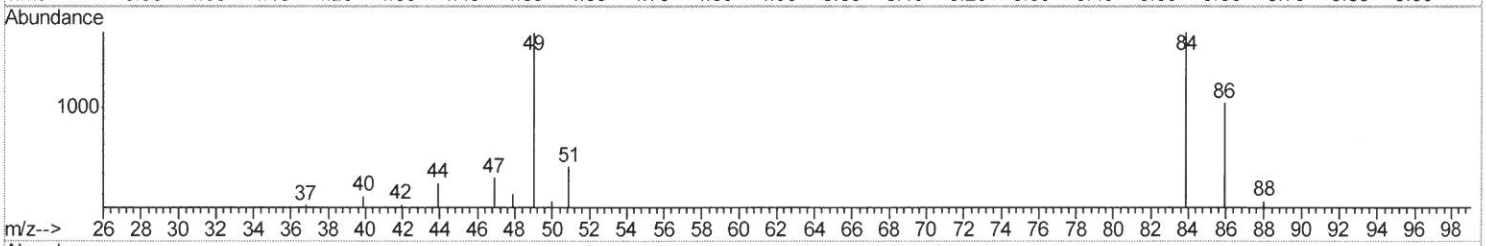

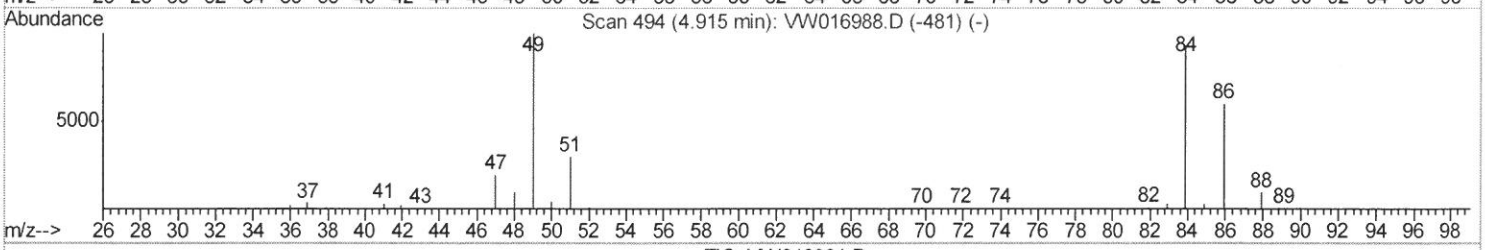

TIC: VW016991.D

(16) Methylene chloride (T)

4.915min (-0.000) 0.38ug/L

response 2820

Ion	Exp%	Act%
84.00	100	100
49.00	105.40	99.41
86.00	67.70	61.21
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Manual Integrations APPROVED
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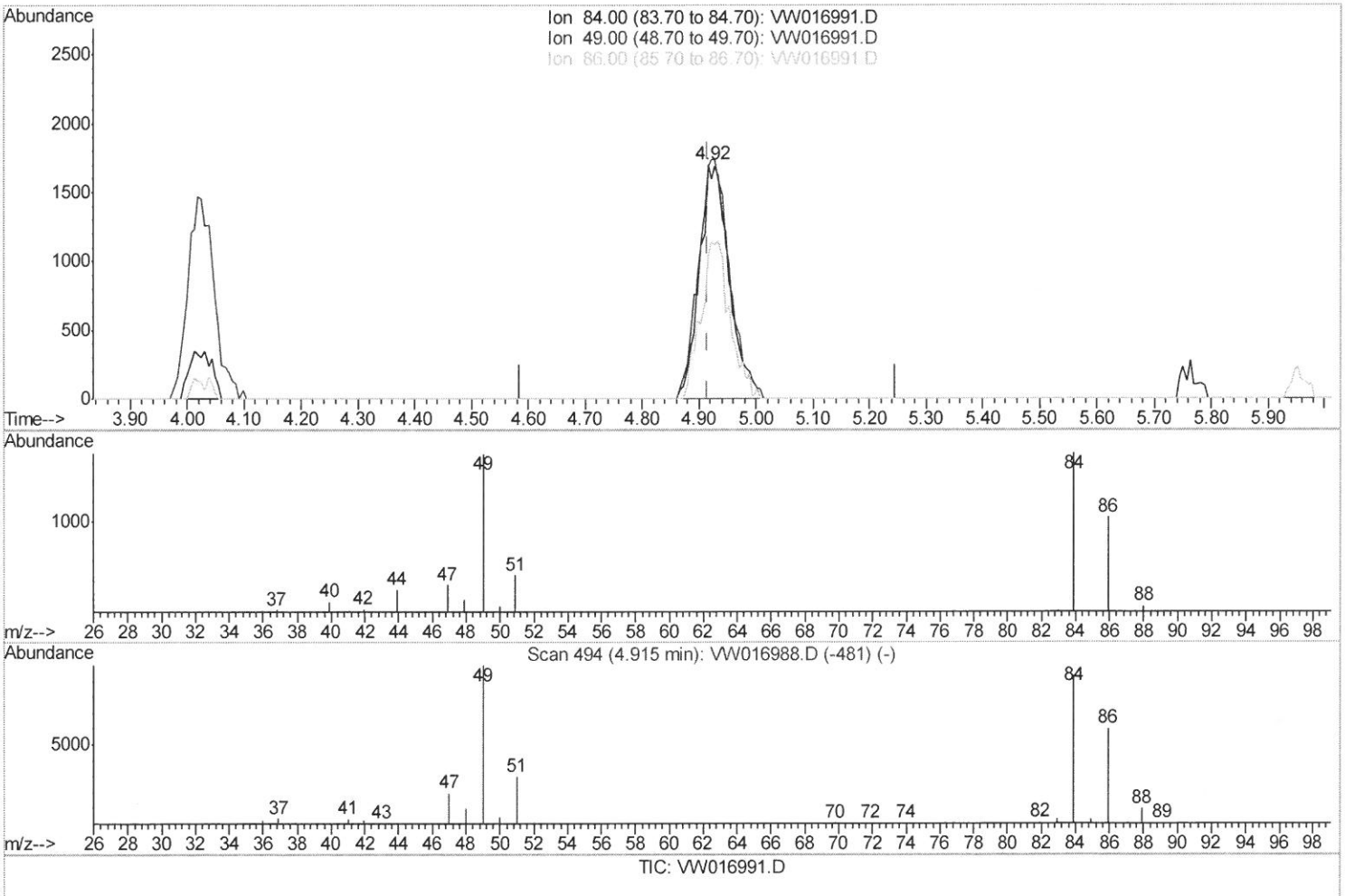

TIC: VW016991.D

(16) Methylene chloride (T)

4.915min (-0.000) 0.84ug/L m 11/09/20 SY

response 6169

Ion	Exp%	Act%
84.00	100	100
49.00	105.40	99.41
86.00	67.70	61.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Manual Integrations APPROVED
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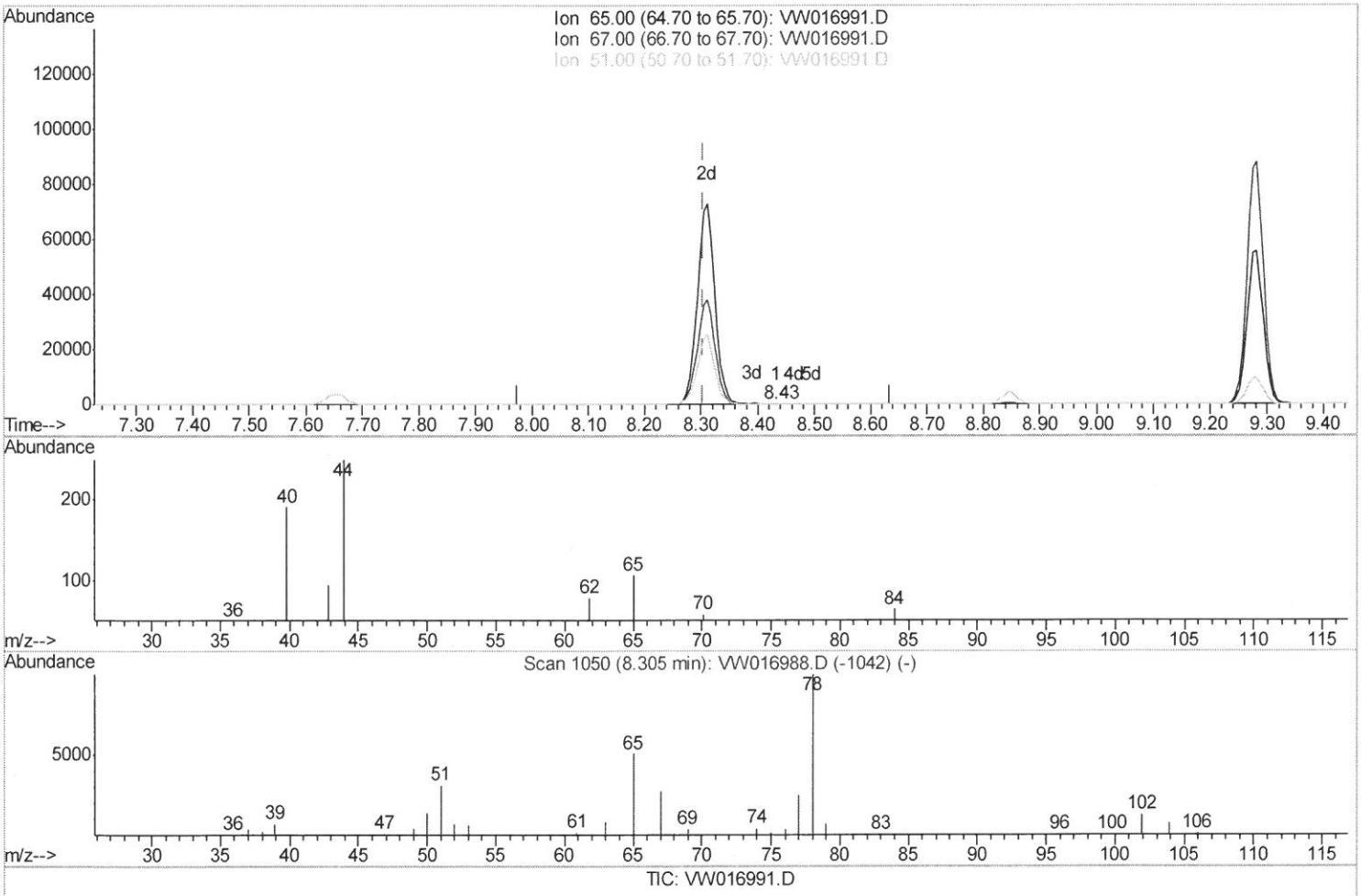

TIC: VW016991.D

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

8.433min (+0.128) 0.02ug/L

response 100

Ion	Exp%	Act%
65.00	100	100
67.00	55.30	69.00
51.00	114.30	95.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 08:24:20 2020
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Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Manual Integrations APPROVED
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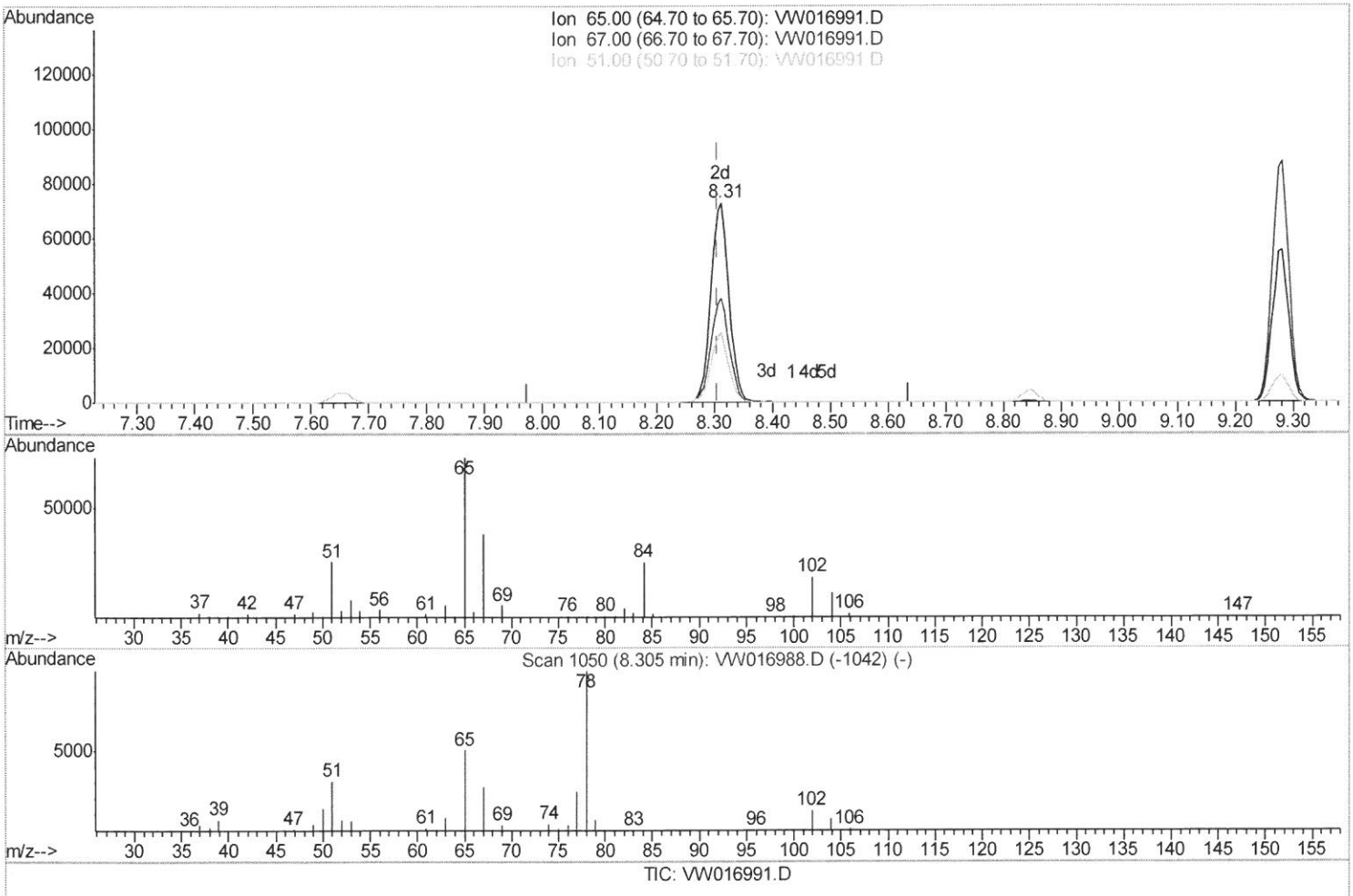

TIC: VW016991.D

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

8.311min (+0.006) 26.28ug/L m >11/09/2020

response 158693

Ion	Exp%	Act%
65.00	100	100
67.00	55.30	0.04#
51.00	114.30	0.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Manual Integrations APPROVED
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10/27/2020 3:34:40 PM

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Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 08:37:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	556227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250593	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	136149	21.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.84%			
7) Chloroethane-d5	2.89	69	108558	21.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.28%			
10) 1,1-Dichloroethene-d2	4.02	63	203196	16.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.08%			
20) 2-Butanone-d5	7.08	46	82508	68.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.46%#			
24) Chloroform-d	7.65	84	304821	23.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.04%			
26) 1,2-Dichloroethane-d4	8.31	65	158693m	26.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.12%			
29) Benzene-d6	8.28	84	624335	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.88%			
33) 1,2-Dichloropropane-d6	9.28	67	176638	24.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.40%			
37) Toluene-d8	10.33	98	594139	23.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.88%			
38) trans-1,3-Dichloropropene-	10.58	79	78193	25.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.64%			
39) 2-Hexanone-d5	10.93	63	68235	67.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.36%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157258	28.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	221429	25.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.56%			
Target Compounds						Qvalue
13) Acetone	4.13	43	1528m	1.878	ug/L	
16) Methylene chloride	4.92	84	6169m	0.839	ug/L	
43) 4-Methyl-2-pentanone	10.21	43	5490	1.813	ug/L	99

11/09/20 SY

11/09/20 SY

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

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Manual Integrations APPROVED
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10/27/2020 3:34:40 PM