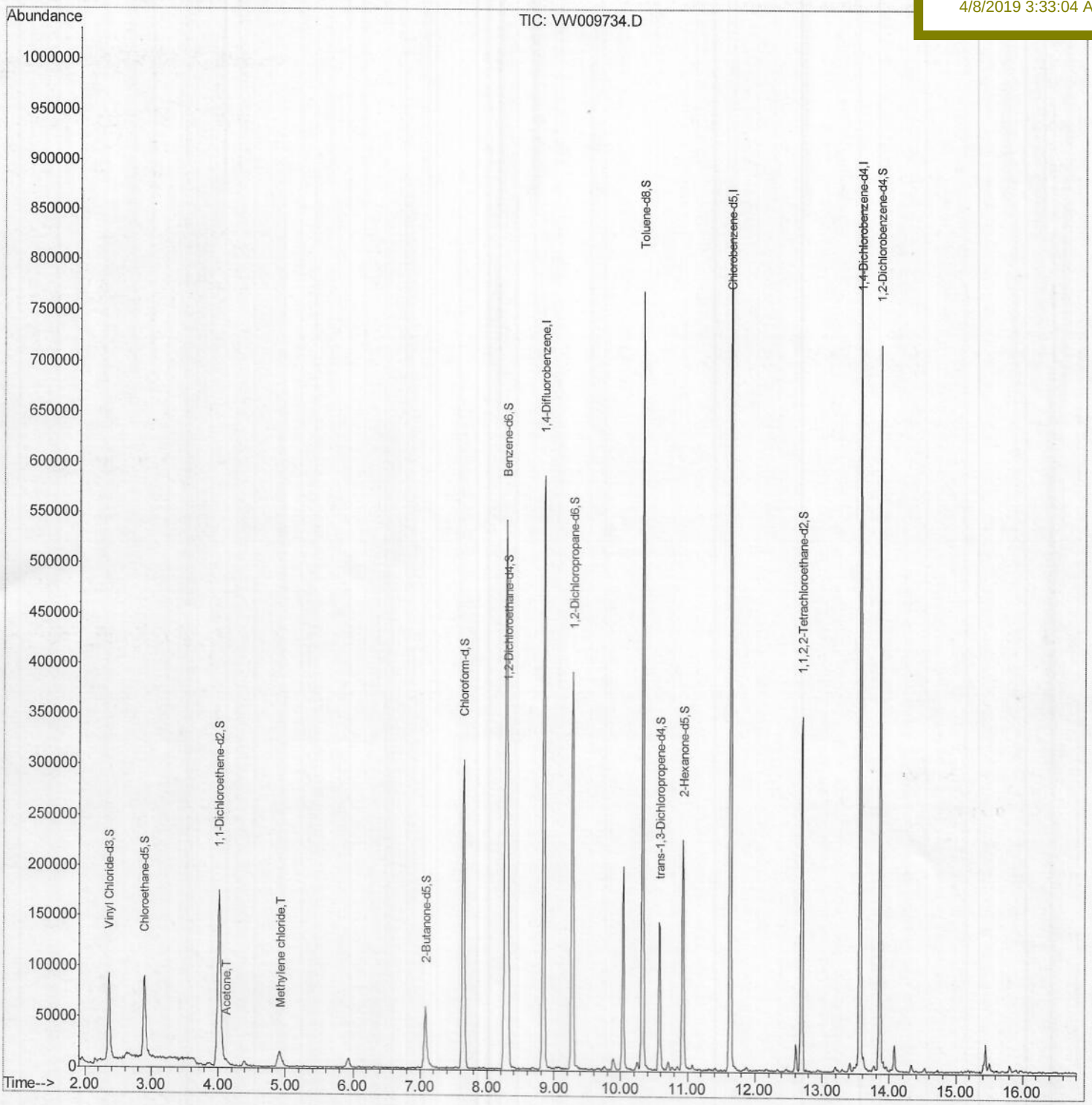
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009734.D
Acq On : 05 Apr 2019 15:57
Operator : SY/VA
Sample : K2065-24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 04:38:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 03:51:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:33:04 AM



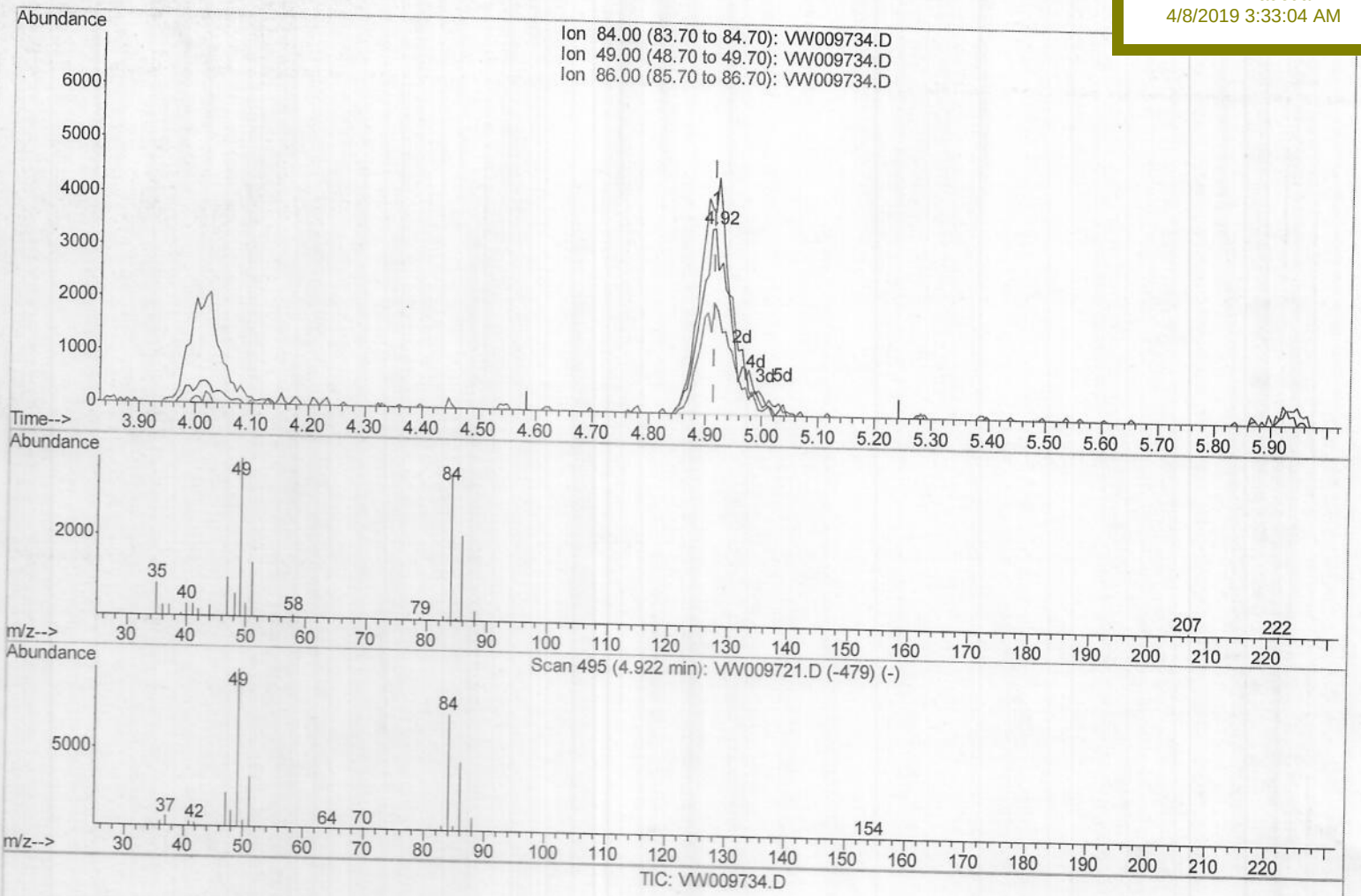
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009734.D
Acq On : 05 Apr 2019 15:57
Operator : SY/VA
Sample : K2065-24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 03:56:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 03:51:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:33:04 AM



TIC: VW009734.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.67ug/L m

response 13262

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	108.59
86.00	66.30	59.51
0.00	0.00	0.00

M.D
04/06/19

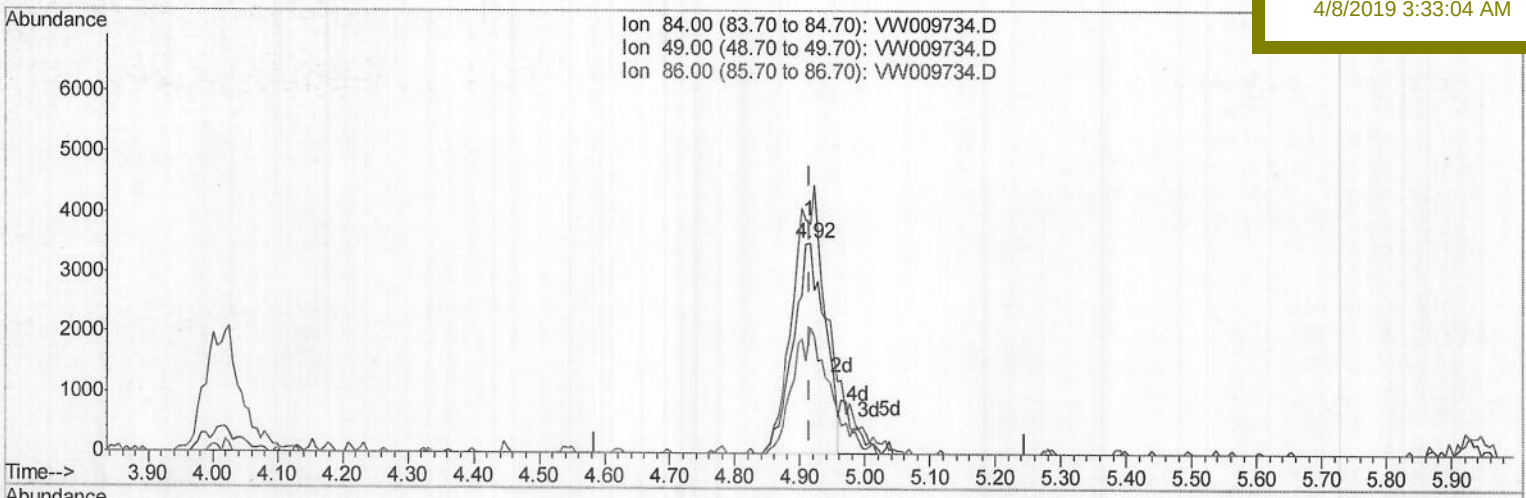
Quantitation Report (Qedit)

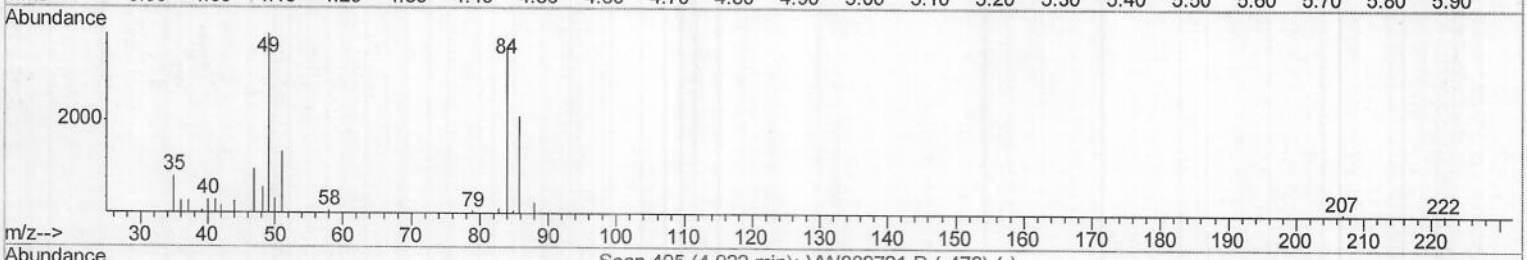
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009734.D
Acq On : 05 Apr 2019 15:57
Operator : SY/VA
Sample : K2065-24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

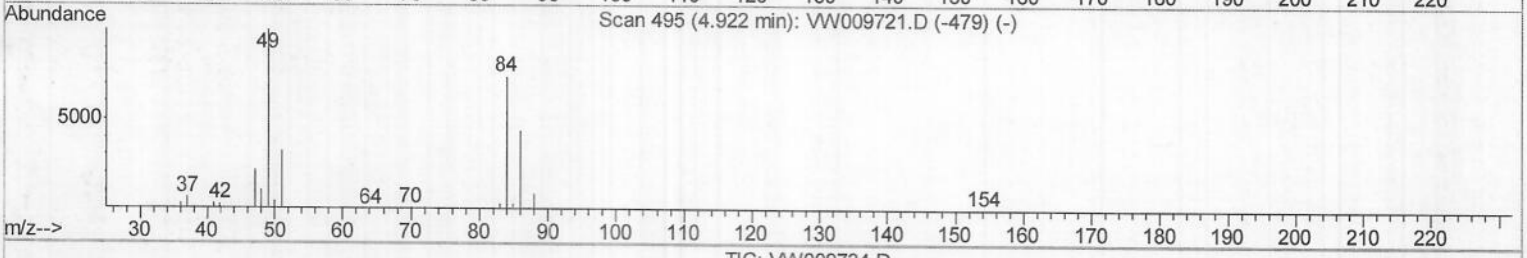
Quant Time: Apr 06 03:56:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 03:51:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:33:04 AM







TIC: VW009734.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.49ug/L

response 11836

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	108.59
86.00	66.30	59.51
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009734.D
Acq On : 05 Apr 2019 15:57
Operator : SY/VA
Sample : K2065-24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 04:38:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 03:51:49 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VHBLK02

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:33:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	450935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	440601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196639	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	118304	20.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.20%			
7) Chloroethane-d5	2.89	69	115451	21.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.44%			
10) 1,1-Dichloroethene-d2	4.01	63	207920	16.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.52%			
20) 2-Butanone-d5	7.07	46	98087	51.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.40%			
24) Chloroform-d	7.64	84	283709	23.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.24%			
26) 1,2-Dichloroethane-d4	8.30	65	184153	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.52%			
29) Benzene-d6	8.27	84	518735	22.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.72%			
33) 1,2-Dichloropropane-d6	9.27	67	162475	22.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.96%			
37) Toluene-d8	10.32	98	469822	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.88%			
38) trans-1,3-Dichloropropene-	10.58	79	72261	21.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.84%			
39) 2-Hexanone-d5	10.93	63	63933	47.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156024	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.96%			
61) 1,2-Dichlorobenzene-d4	13.85	152	173867	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6076	2.960	ug/L	66
16) Methylene chloride	4.92	84	13262m	1.668	ug/L	

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

MMP 04/06/19