Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\

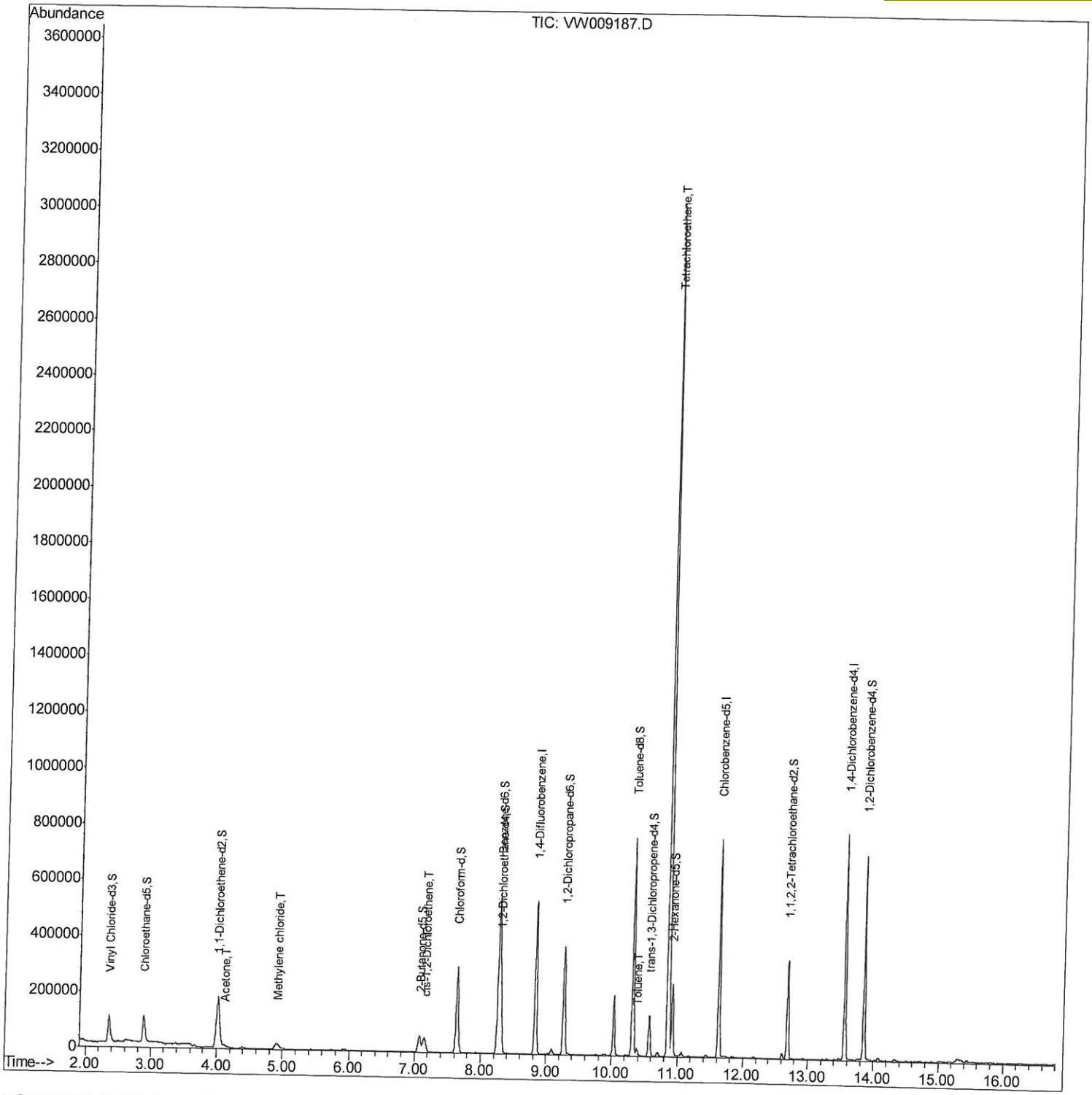
Quantitation Report (QT Reviewed)

Data File : VW009187.D
Acq On : 14 Mar 2019 23:11
Operator : SY/VA
Sample : K1885-17
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 07:57:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF1K1

Manual Integrations APPROVED
MMDadoda
3/15/2019 12:30:46 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\

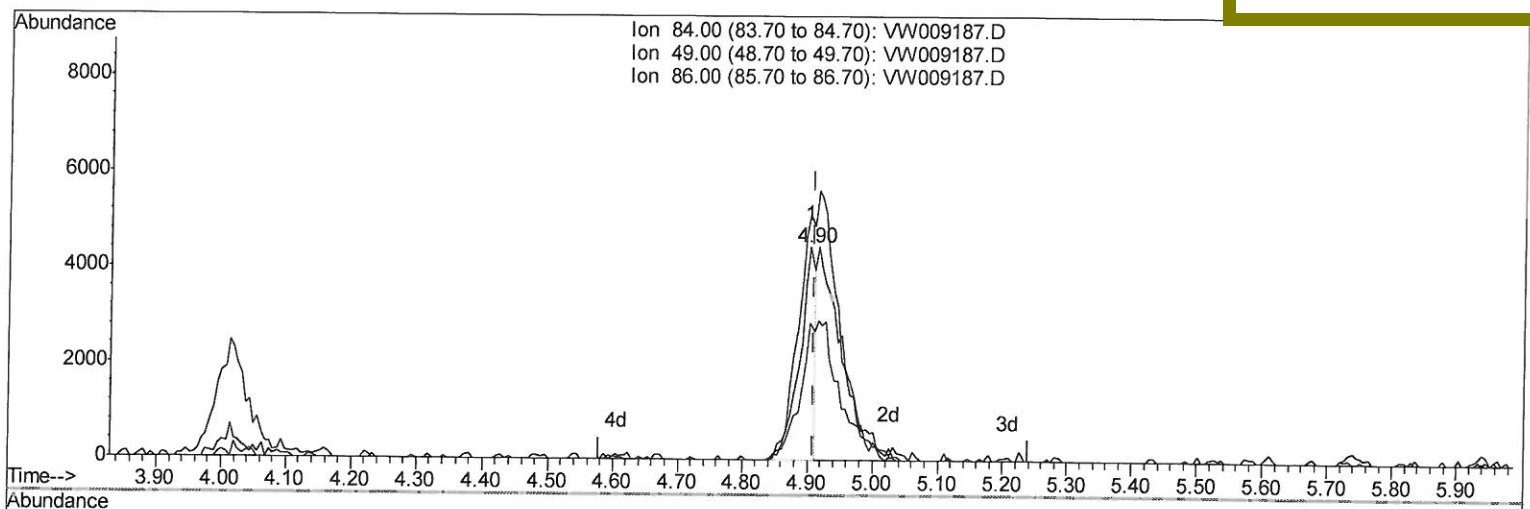
Quantitation Report (Qedit)

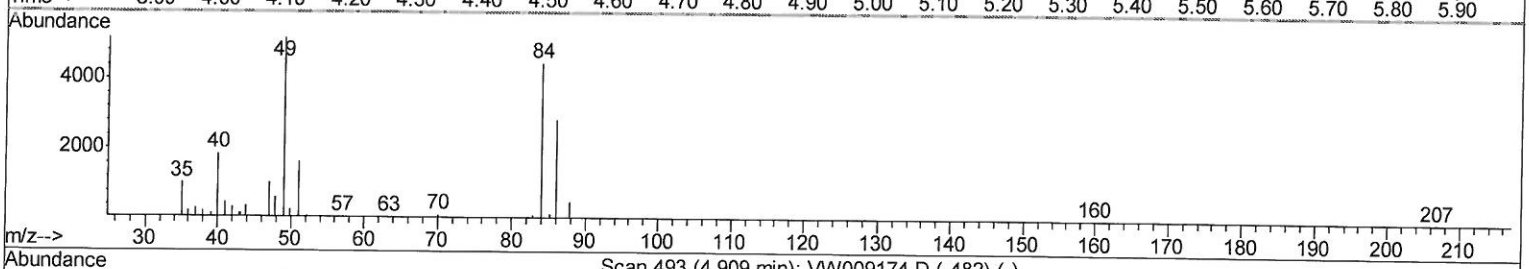
Data File : VW009187.D
Acq On : 14 Mar 2019 23:11
Operator : SY/VA
Sample : K1885-17
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

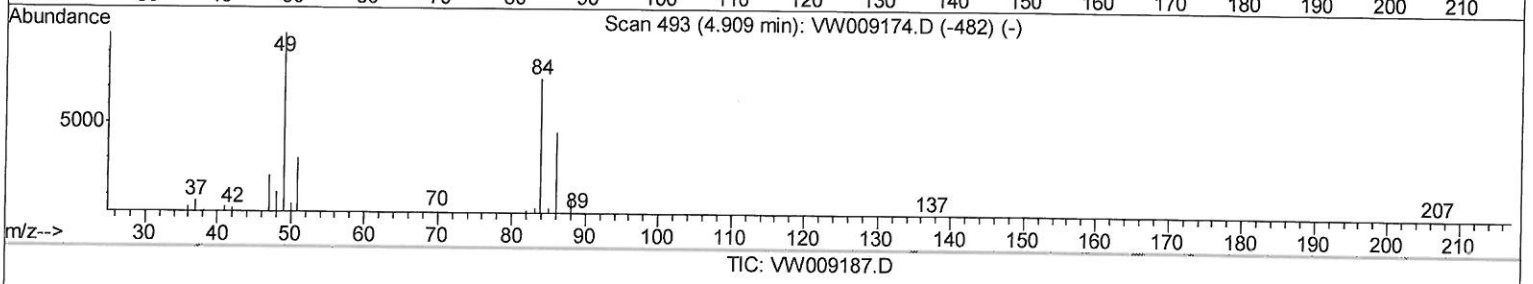
Quant Time: Mar 15 06:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF1K1

Manual Integrations APPROVED
MMDadoda
3/15/2019 12:30:46 PM







TIC: VW009187.D

(16) Methylene chloride (T)

4.903min (-0.006) 1.16ug/L

response 7295

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	115.66
86.00	63.50	64.20
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\

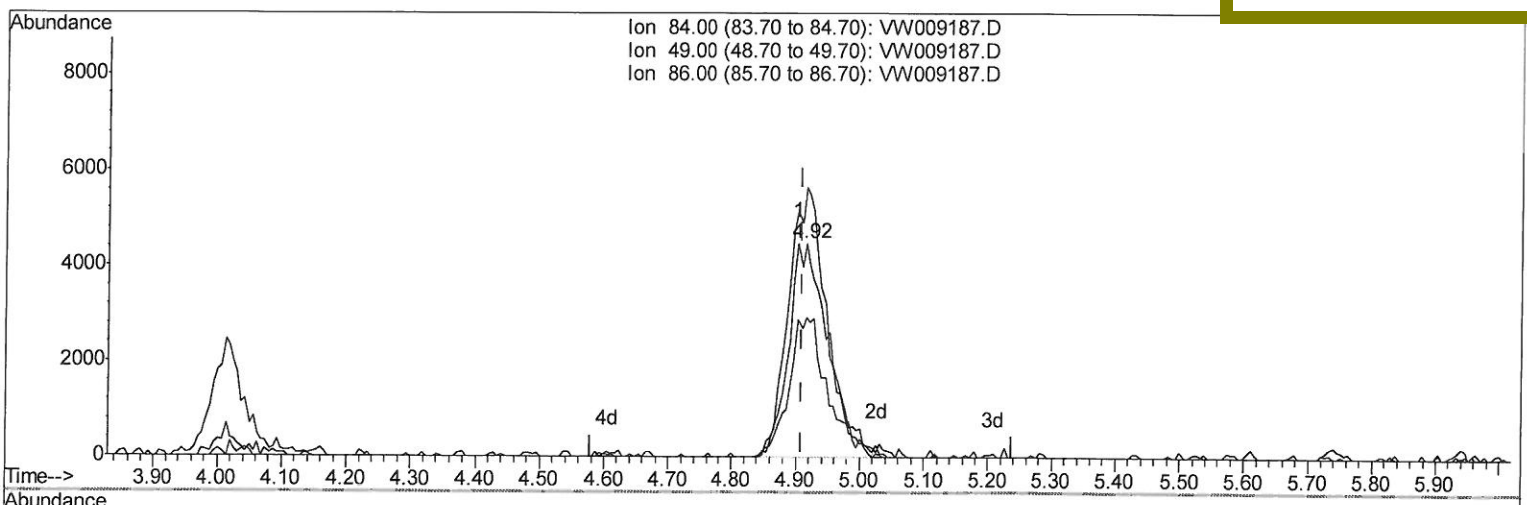
Quantitation Report (Qedit)

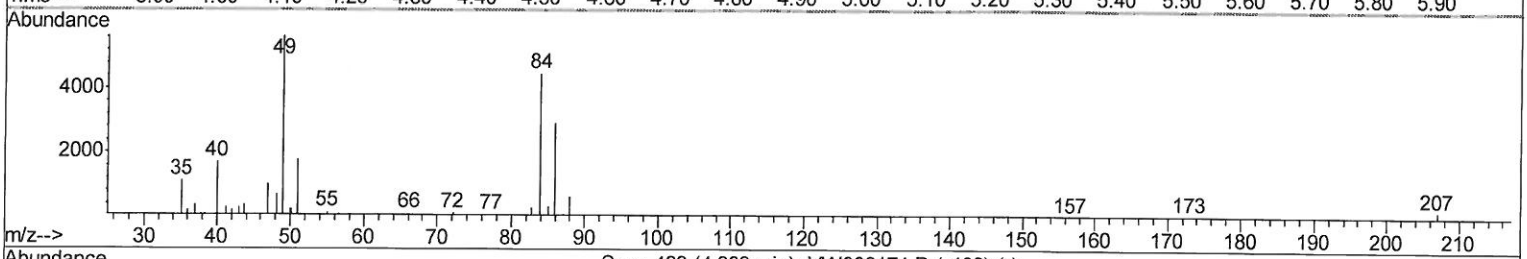
Data File : VW009187.D
Acq On : 14 Mar 2019 23:11
Operator : SY/VA
Sample : K1885-17
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

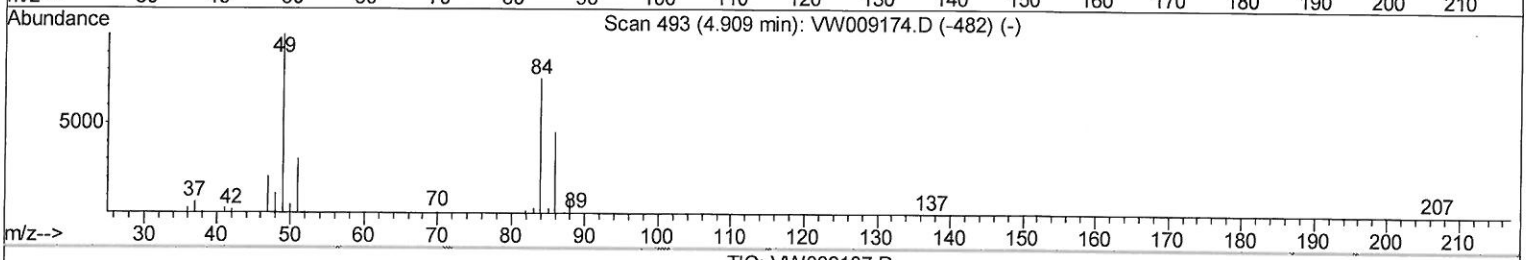
Quant Time: Mar 15 06:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF1K1

Manual Integrations APPROVED
MMDadoda
3/15/2019 12:30:46 PM







TIC: VW009187.D

(16) Methylene chloride (T)

4.915min (+0.006) 2.99ug/L m 03/15/19 SY

response 18838

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	126.36
86.00	63.50	65.40
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\

Quantitation Report (QT Reviewed)

Data File : VW009187.D
Acq On : 14 Mar 2019 23:11
Operator : SY/VA
Sample : K1885-17
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 07:57:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF1K1

Manual Integrations APPROVED
MMDadoda
3/15/2019 12:30:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	431488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196291	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	139186	26.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.96%			
7) Chloroethane-d5	2.89	69	131174	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.96%			
10) 1,1-Dichloroethene-d2	4.01	63	202670	18.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.76%			
20) 2-Butanone-d5	7.07	46	100358	47.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.12%			
24) Chloroform-d	7.65	84	277553	23.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.28%			
26) 1,2-Dichloroethane-d4	8.31	65	169349	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.48%			
29) Benzene-d6	8.27	84	537450	23.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.12%			
33) 1,2-Dichloropropane-d6	9.27	67	163765	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.48%			
37) Toluene-d8	10.32	98	481398	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.16%			
38) trans-1,3-Dichloropropene-	10.57	79	75650	21.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.80%			
39) 2-Hexanone-d5	10.92	63	80072	48.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154650	22.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.56%			
61) 1,2-Dichlorobenzene-d4	13.85	152	182896	24.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	8796	5.030	ug/L	87
16) Methylene chloride	4.92	84	18838m	2.994	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	10507	1.736	ug/L	99
44) Toluene	10.39	91	19759	0.797	ug/L	90
47) Tetrachloroethene	10.86	164	627311	122.894	ug/L	97

03/15/19 SY

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