Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

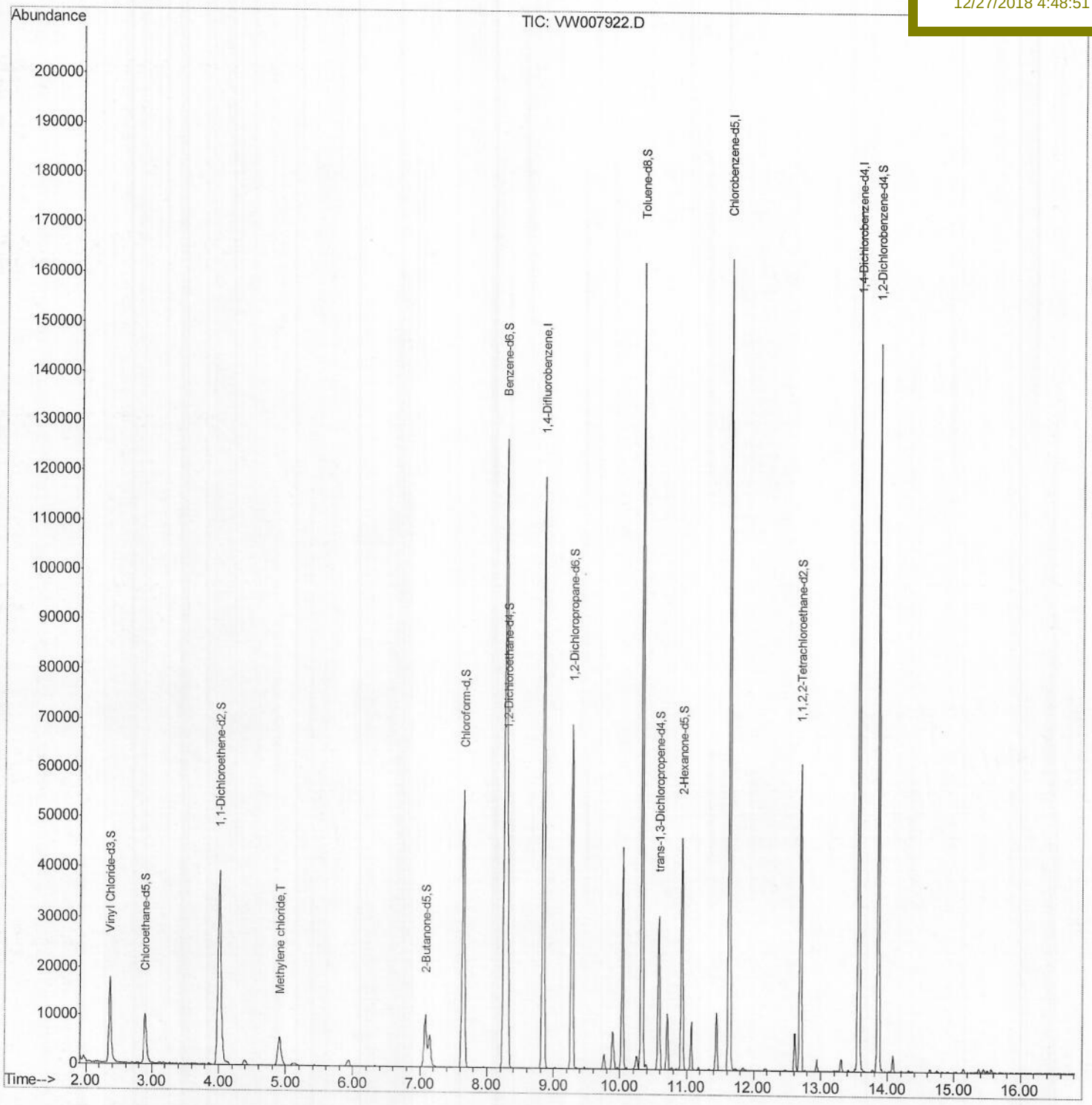
Quantitation Report (QT Reviewed)

Data File : VW007922.D
Acq On : 26 Dec 2018 14:55
Operator : SY/AP
Sample : VW1227SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 27 01:02:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK88

Manual Integrations APPROVED
MMDadoda
12/27/2018 4:48:51 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

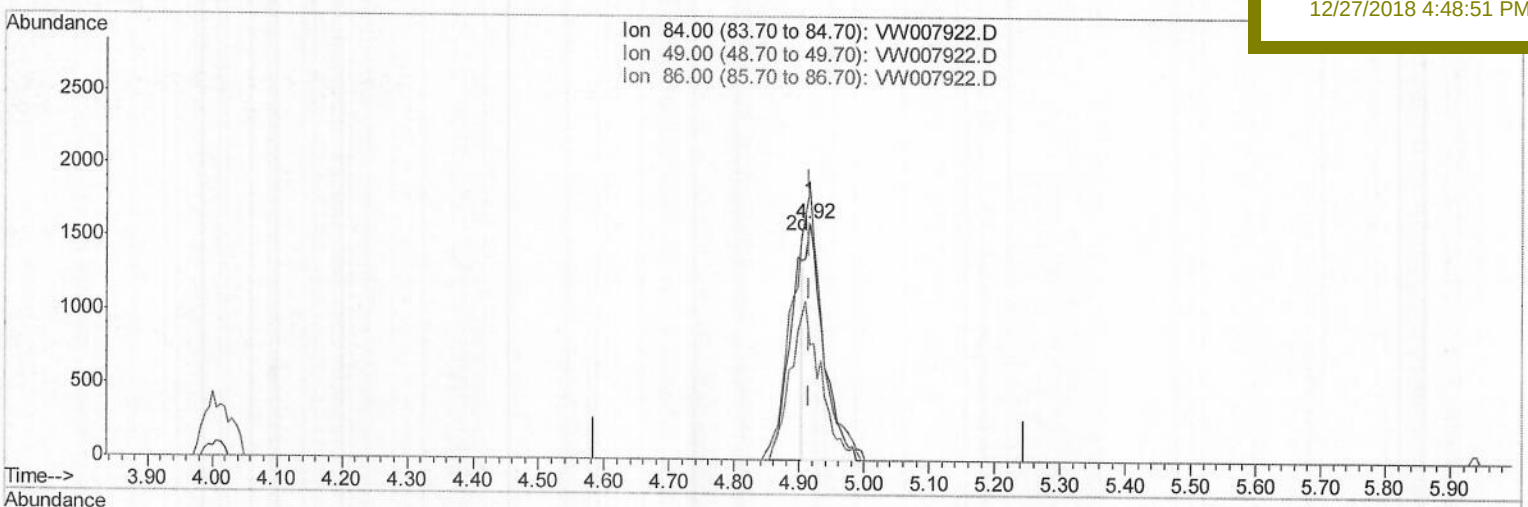
Quantitation Report (Qedit)

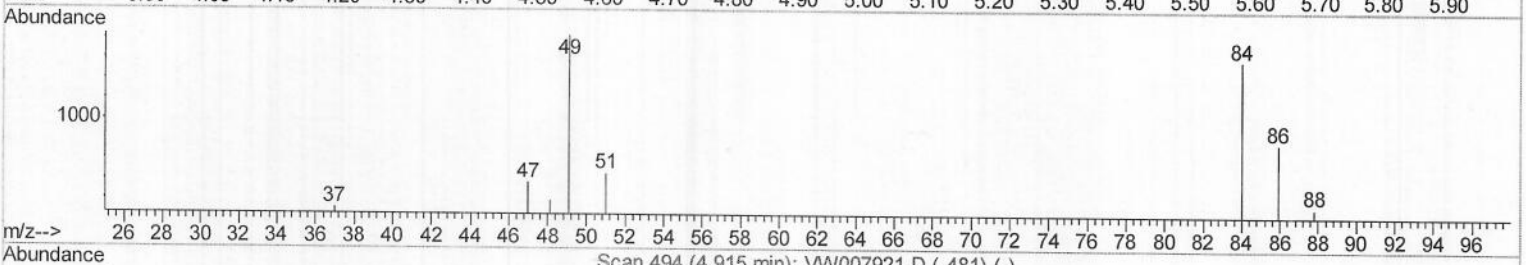
Data File : VW007922.D
Acq On : 26 Dec 2018 14:55
Operator : SY/AP
Sample : VW1227SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

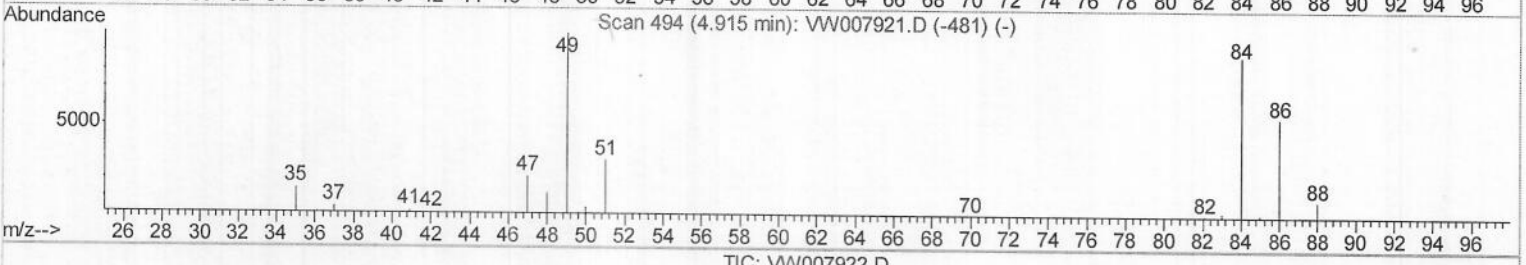
Quant Time: Dec 27 00:46:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK88

Manual Integrations APPROVED
MMDadoda
12/27/2018 4:48:51 PM







TIC: VW007922.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.98ug/L

response 3205

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	114.31
86.00	61.70	48.85
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

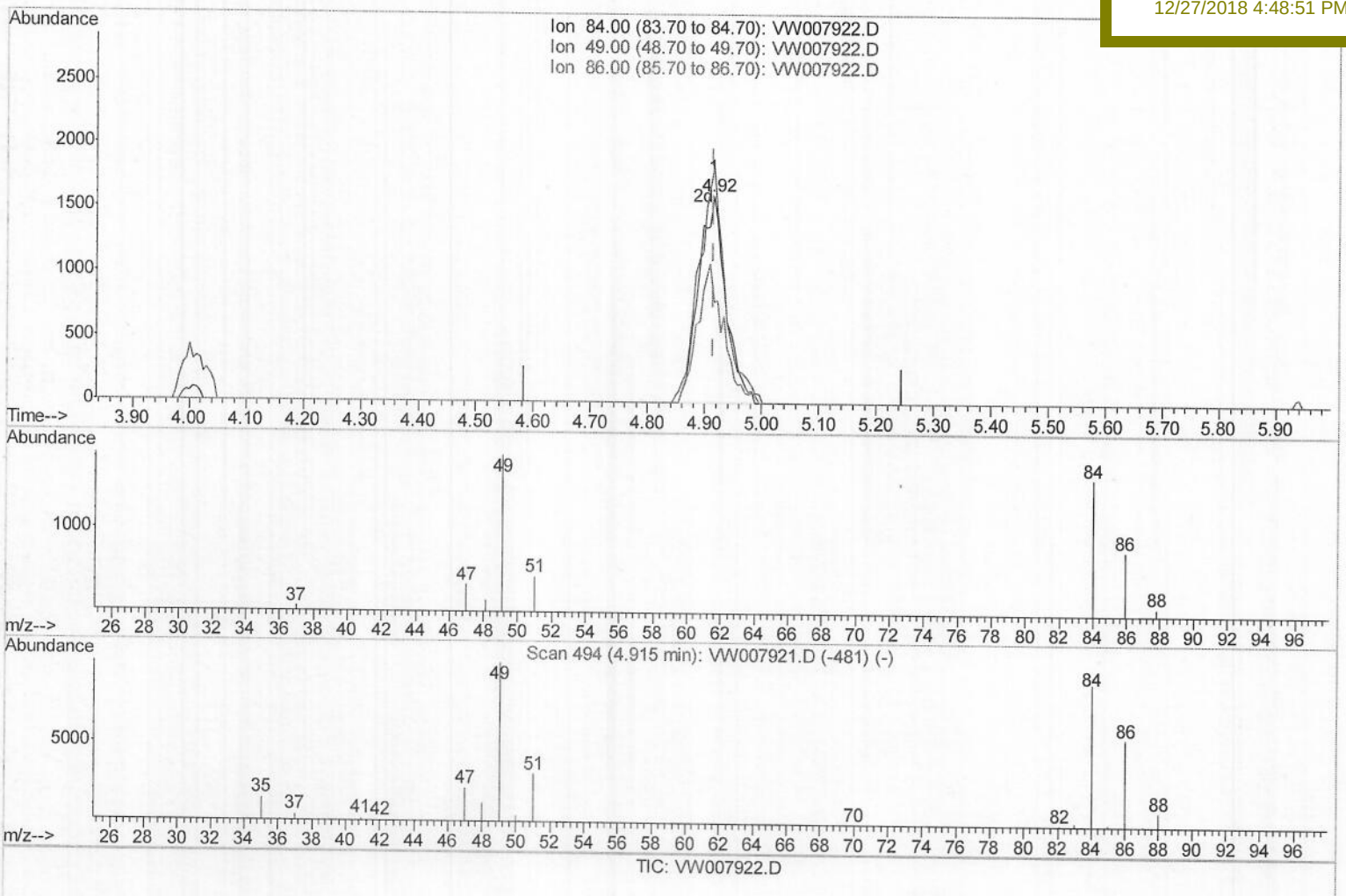
Quantitation Report (Qedit)

Data File : VW007922.D
Acq On : 26 Dec 2018 14:55
Operator : SY/AP
Sample : VW1227SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 27 00:46:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK88

Manual Integrations APPROVED
MMDadoda
12/27/2018 4:48:51 PM



TIC: VW007922.D

(16) Methylene chloride (T)

4.915min (+0.000) 3.28ug/L m

response 5321

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	114.31
86.00	61.70	48.85
0.00	0.00	0.00

SY
12/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (QT Reviewed)

Data File : VW007922.D
Acq On : 26 Dec 2018 14:55
Operator : SY/AP
Sample : VW1227SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 27 01:02:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VBLK88

Manual Integrations APPROVED
MMDadoda
12/27/2018 4:48:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	100265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89612	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43779	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	22786	23.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.24%			
7) Chloroethane-d5	2.90	69	14766	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.72%			
10) 1,1-Dichloroethene-d2	4.01	63	44702	16.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.84%			
20) 2-Butanone-d5	7.08	46	18080	42.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.80%			
24) Chloroform-d	7.65	84	54941	20.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.40%			
26) 1,2-Dichloroethane-d4	8.31	65	34927	21.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.36%			
29) Benzene-d6	8.27	84	109387	21.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.04%			
33) 1,2-Dichloropropane-d6	9.27	67	29570	21.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.52%			
37) Toluene-d8	10.32	98	106465	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.96%			
38) trans-1,3-Dichloropropene-	10.58	79	16555	21.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.36%			
39) 2-Hexanone-d5	10.93	63	15426	44.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27766	21.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.40%			
61) 1,2-Dichlorobenzene-d4	13.86	152	38113	21.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.20%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	5321m	3.280	ug/L	

SY 12/28/18

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