Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

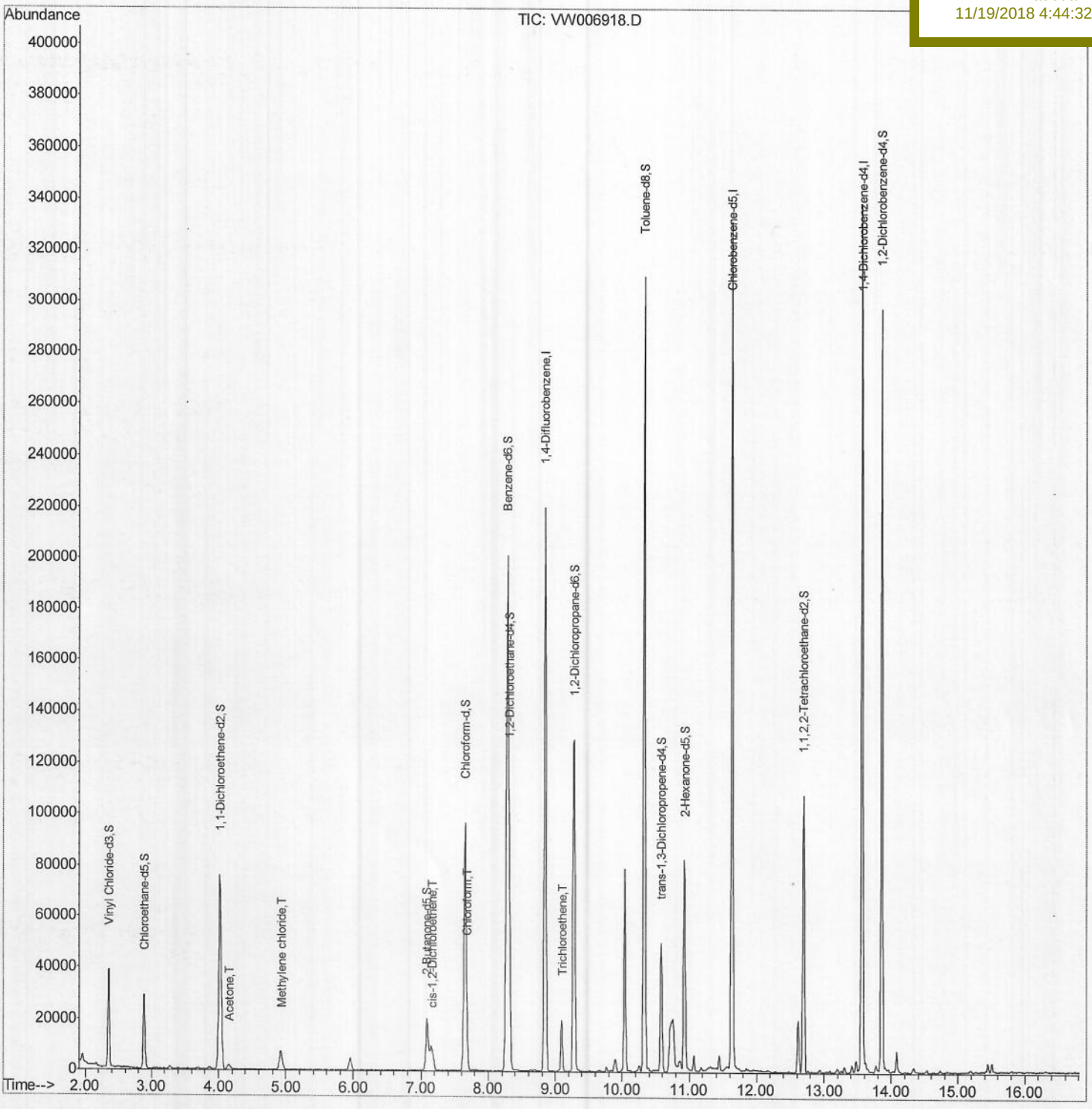
Quantitation Report (QT Reviewed)

Data File : VW006918.D
Acq On : 16 Nov 2018 15:40
Operator : SY/AP
Sample : J5944-18
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 17 00:55:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETHT2

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:32 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

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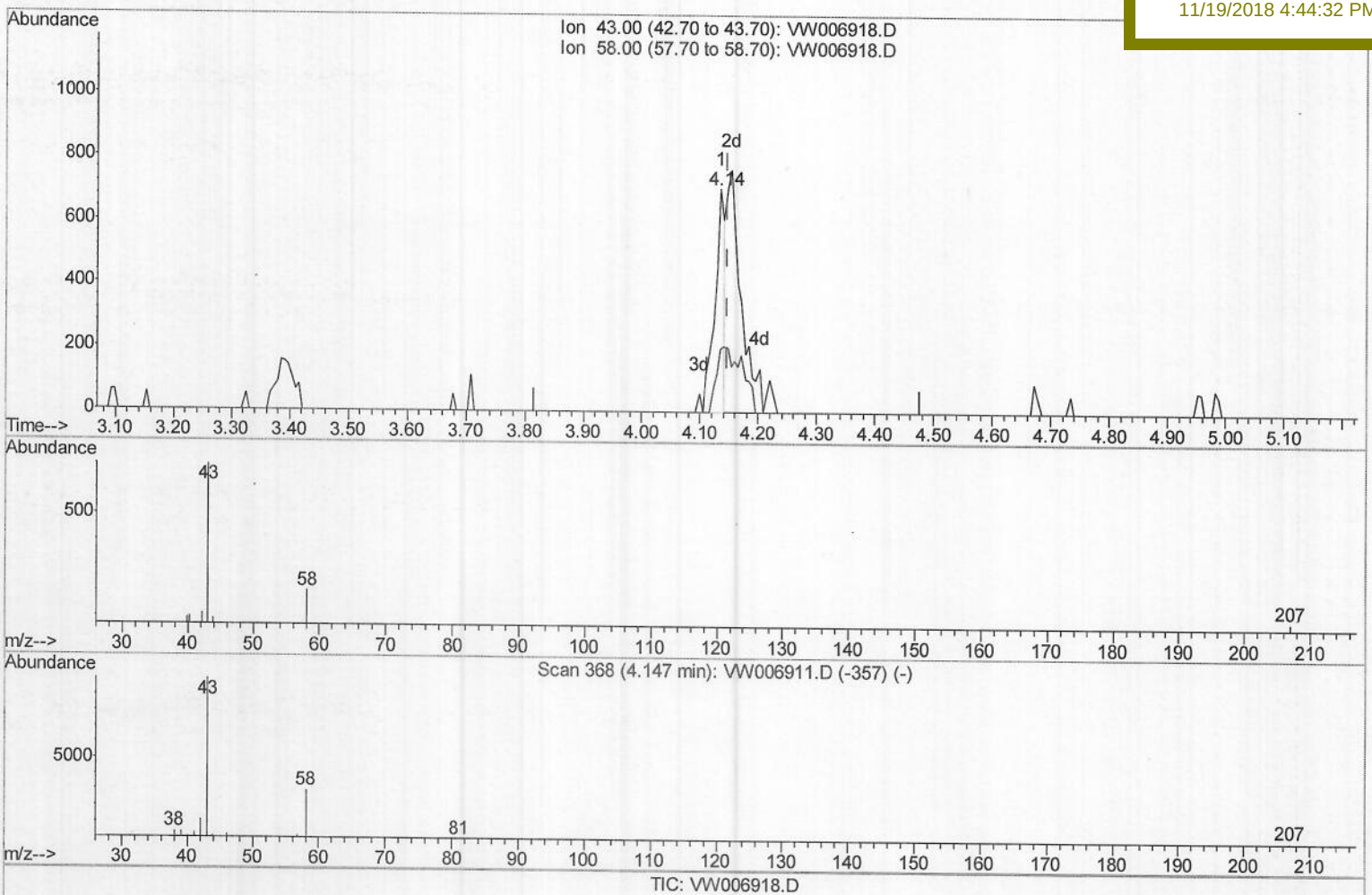

TIC: VW006918.D

(13) Acetone (T)

4.135min (-0.012) 1.46ug/L

response 850

Ion	Exp%	Act%
43.00	100	100
58.00	32.80	41.41
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

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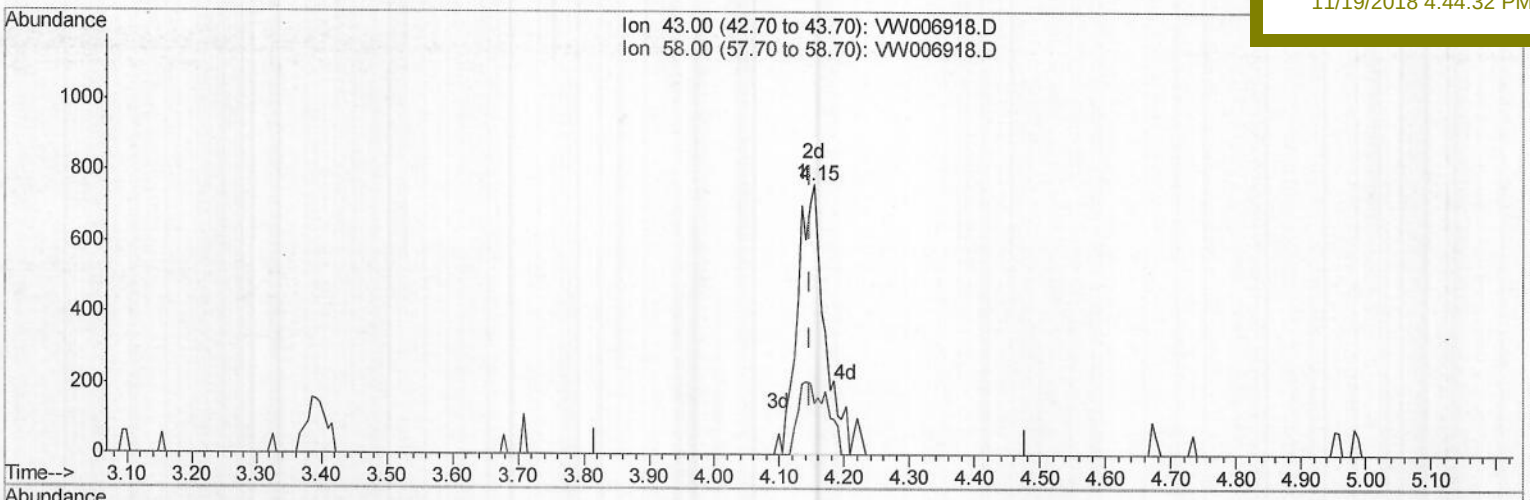

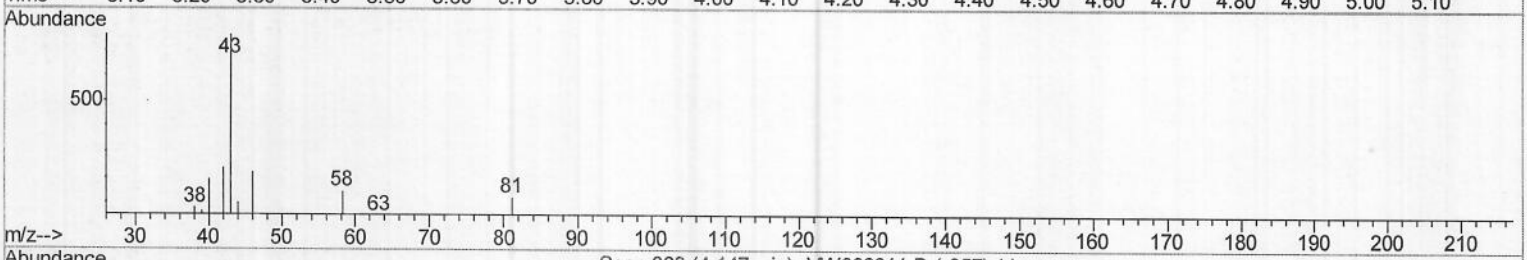

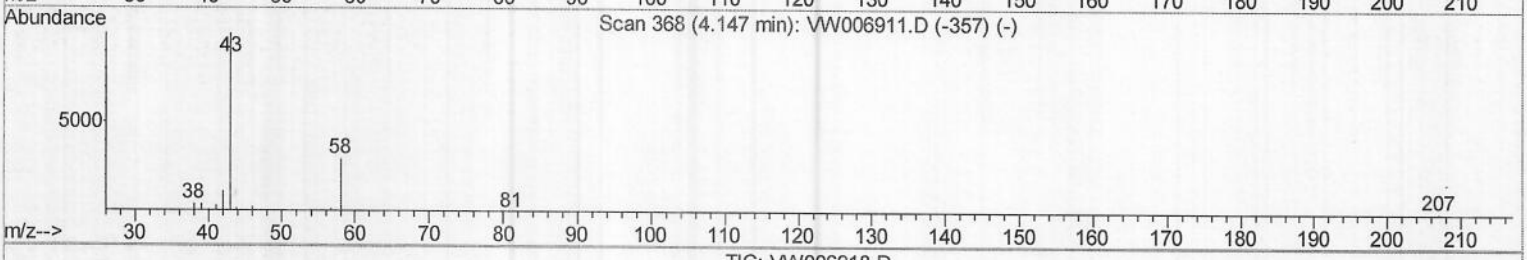

TIC: VW006918.D

(13) Acetone (T)

4.153min (+0.006) 3.68ug/L m > S.Y 11/22/18

response 2148

Ion	Exp%	Act%
43.00	100	100
58.00	32.80	16.39
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (Qedit)

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Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
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Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED
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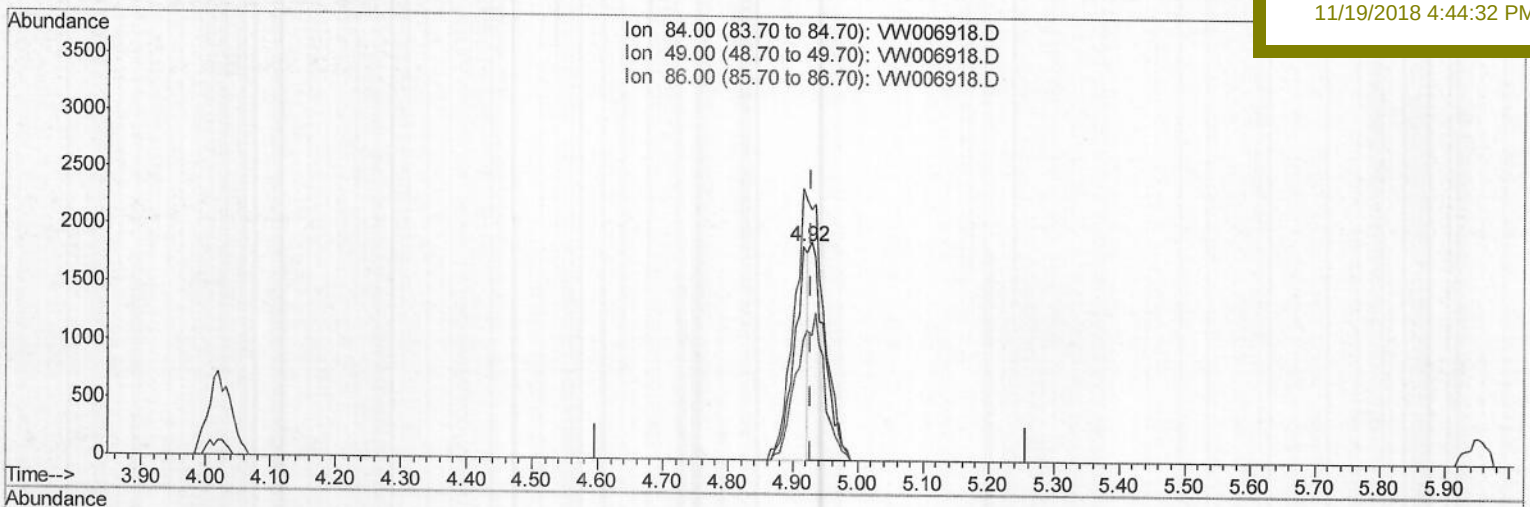
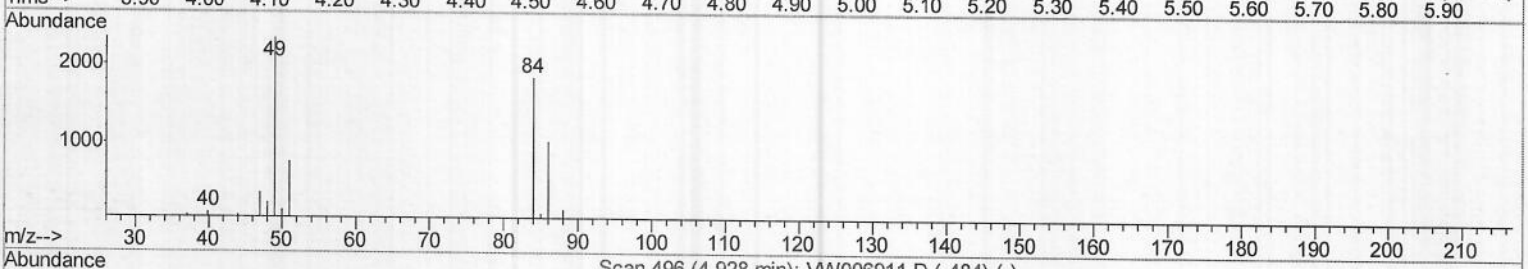
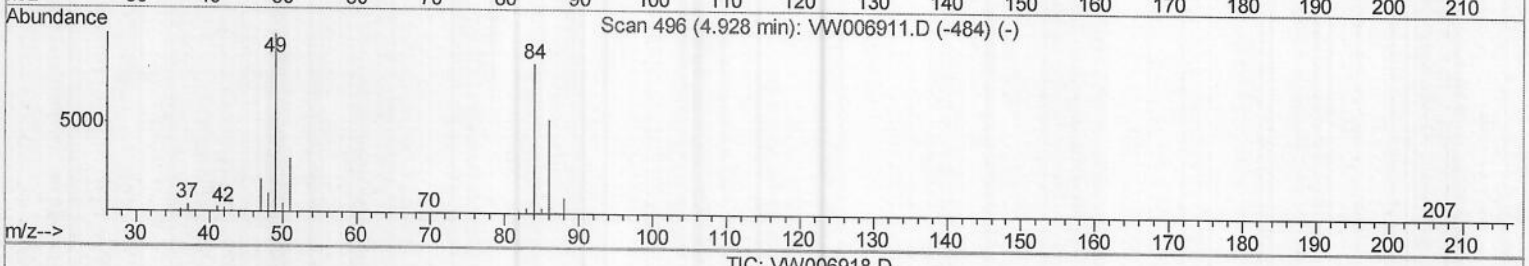
11/19/2018 4:44:32 PM







TIC: VW006918.D

(16) Methylene chloride (T)

4.915min (-0.012) 0.87ug/L

response 2816

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	127.02
86.00	62.20	56.10
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (Qedit)

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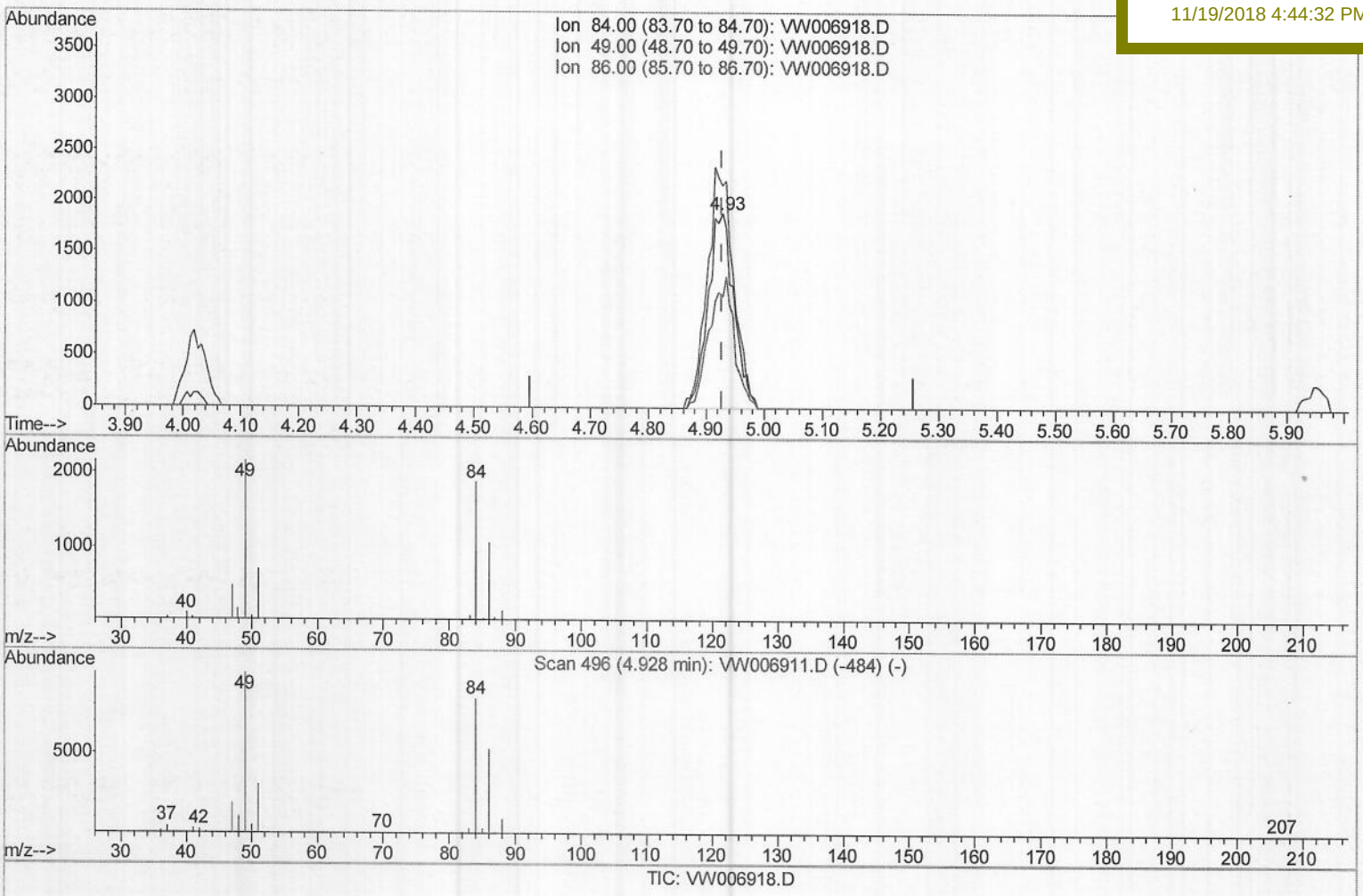
Operator : SY/AP
Sample : J5944-18
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 16 23:54:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETHT2

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:32 PM



TIC: VW006918.D

(16) Methylene chloride (T)

4.928min (+0.000) 1.80ug/L m > S.Y 11/22/18

response 5837

Ion	Exp%	Act%
84.00	100	100
49.00	113.30	114.73
86.00	62.20	57.18
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\

Quantitation Report (QT Reviewed)

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Operator : SY/AP
Sample : J5944-18
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : ETHT2

Manual Integrations APPROVED
MMDadoda
11/19/2018 4:44:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	185237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	181677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88622	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	38006	23.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.44%			
7) Chloroethane-d5	2.89	69	29139	24.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.52%			
10) 1,1-Dichloroethene-d2	4.03	63	75232	17.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.52%			
20) 2-Butanone-d5	7.09	46	34731	38.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.64%			
24) Chloroform-d	7.65	84	92707	22.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.44%			
26) 1,2-Dichloroethane-d4	8.31	65	61097	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.60%			
29) Benzene-d6	8.28	84	204524	21.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.16%			
33) 1,2-Dichloropropane-d6	9.28	67	63784	21.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.76%			
37) Toluene-d8	10.33	98	212797	21.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.52%			
38) trans-1,3-Dichloropropene-	10.58	79	27853	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.20%			
39) 2-Hexanone-d5	10.93	63	27847	38.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.90%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54135	21.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.04%			
61) 1,2-Dichlorobenzene-d4	13.86	152	76927	22.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.68%			
Target Compounds						Qvalue
13) Acetone	4.15	43	2148m	3.679	ug/L	
16) Methylene chloride	4.93	84	5837m	1.802	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	2416	0.979	ug/L	93
25) Chloroform	7.68	83	5971	1.309	ug/L	77
35) Trichloroethene	9.10	95	7240	2.616	ug/L	96

S.Y 11/22/18

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