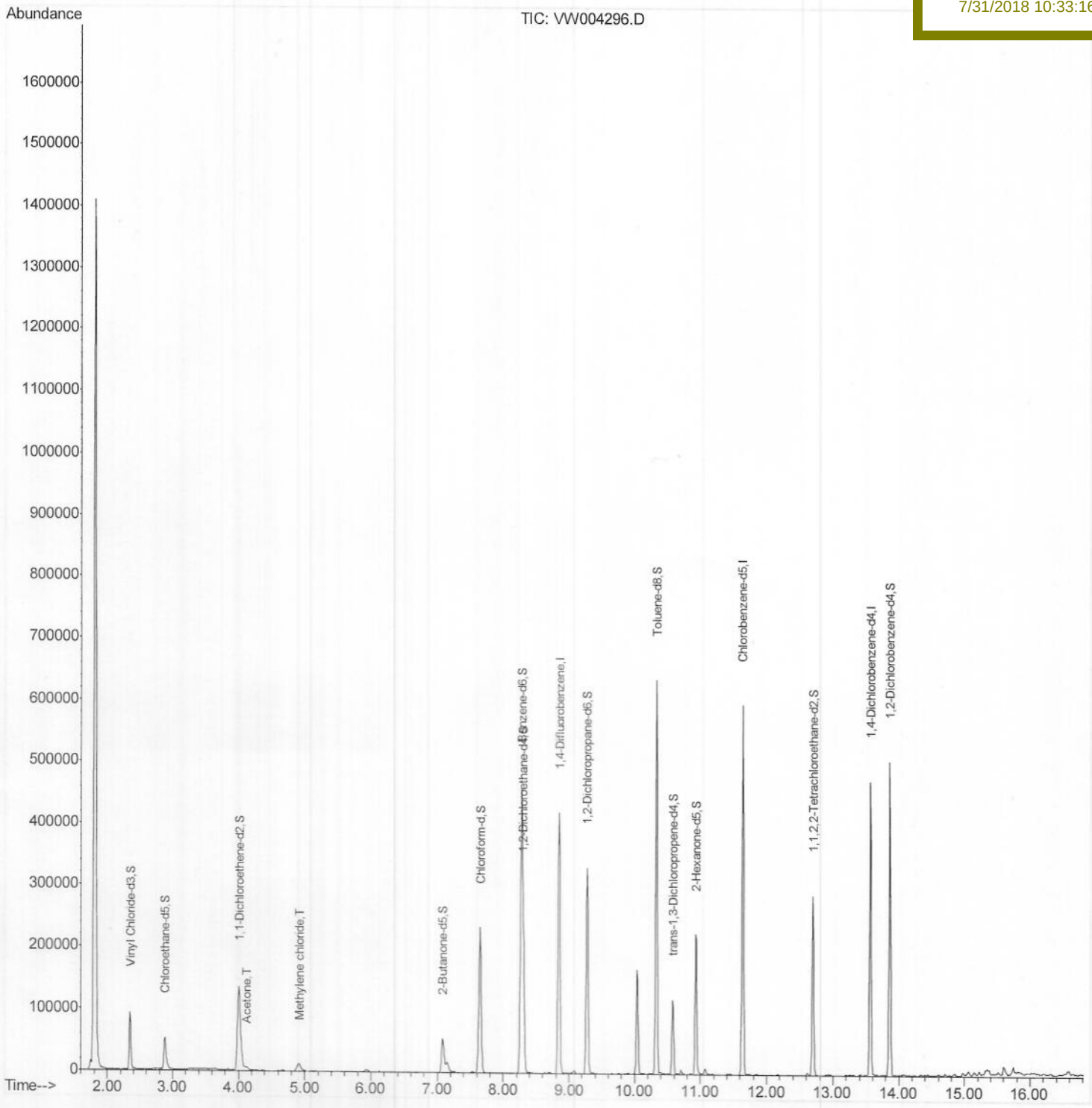
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:05:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM



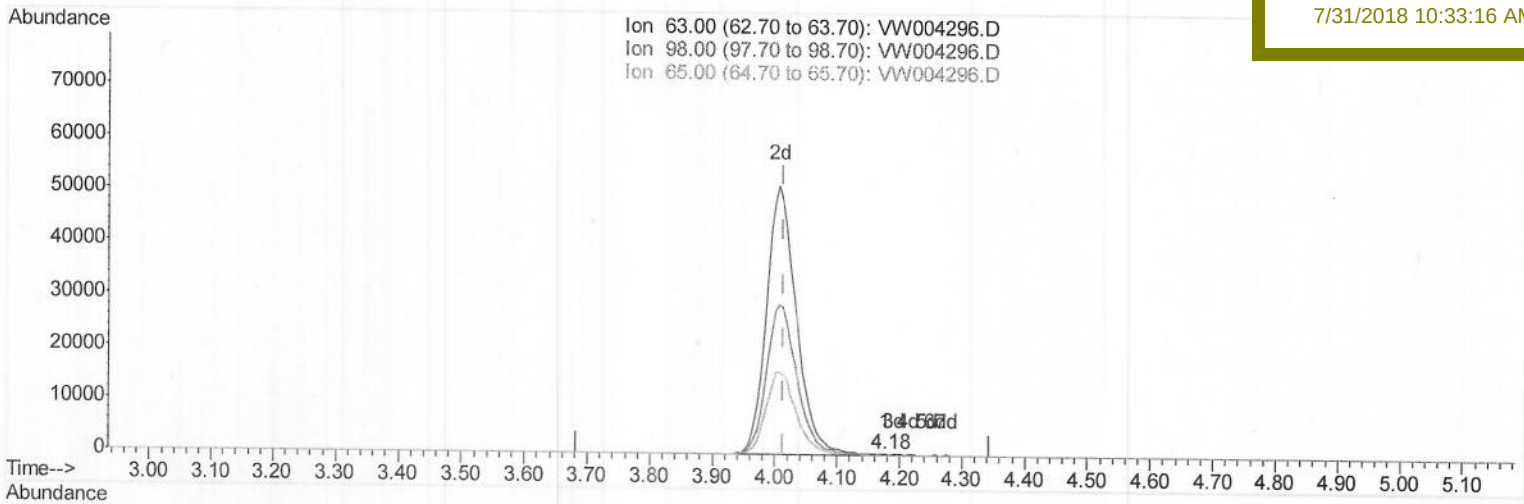
Quantitation Report (Qedit)

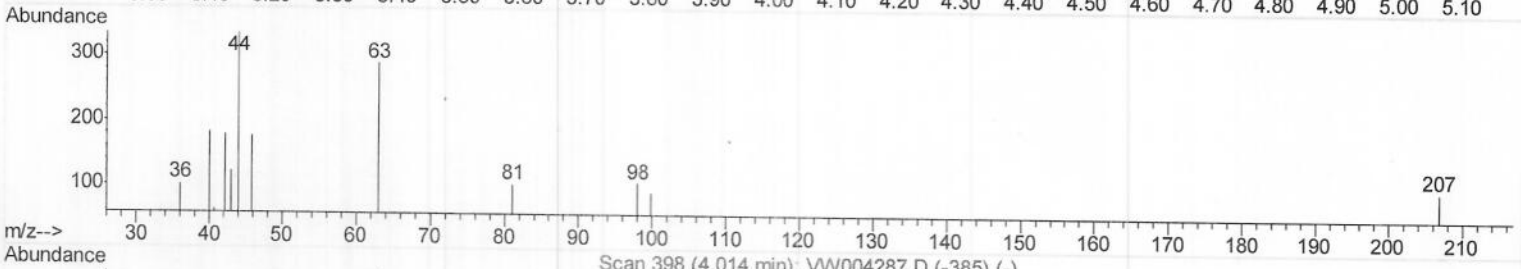
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

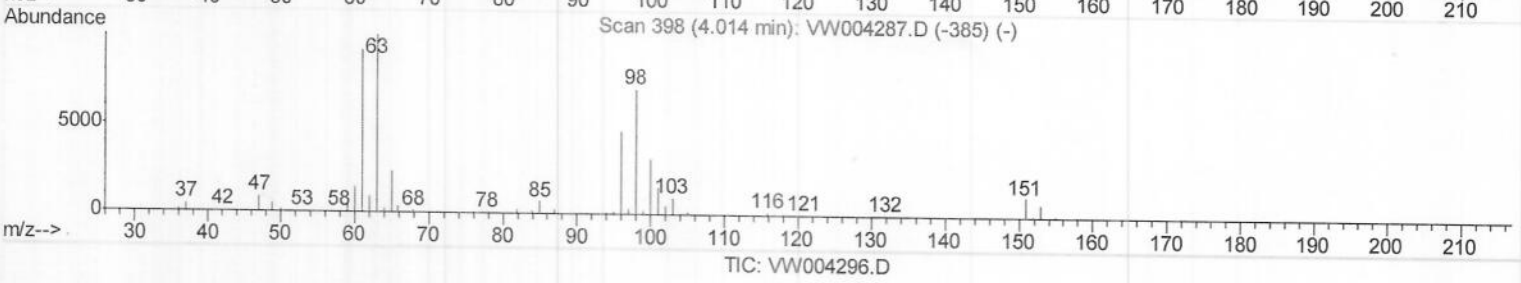
Quant Time: Jul 28 04:01:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM







TIC: VW004296.D

(10) 1,1-Dichloroethene-d2 (S)

4.178min (+0.164) 0.03ug/L

response 210

Ion	Exp%	Act%
63.00	100	100
98.00	71.30	90.00
65.00	23.10	30.00
0.00	0.00	0.00

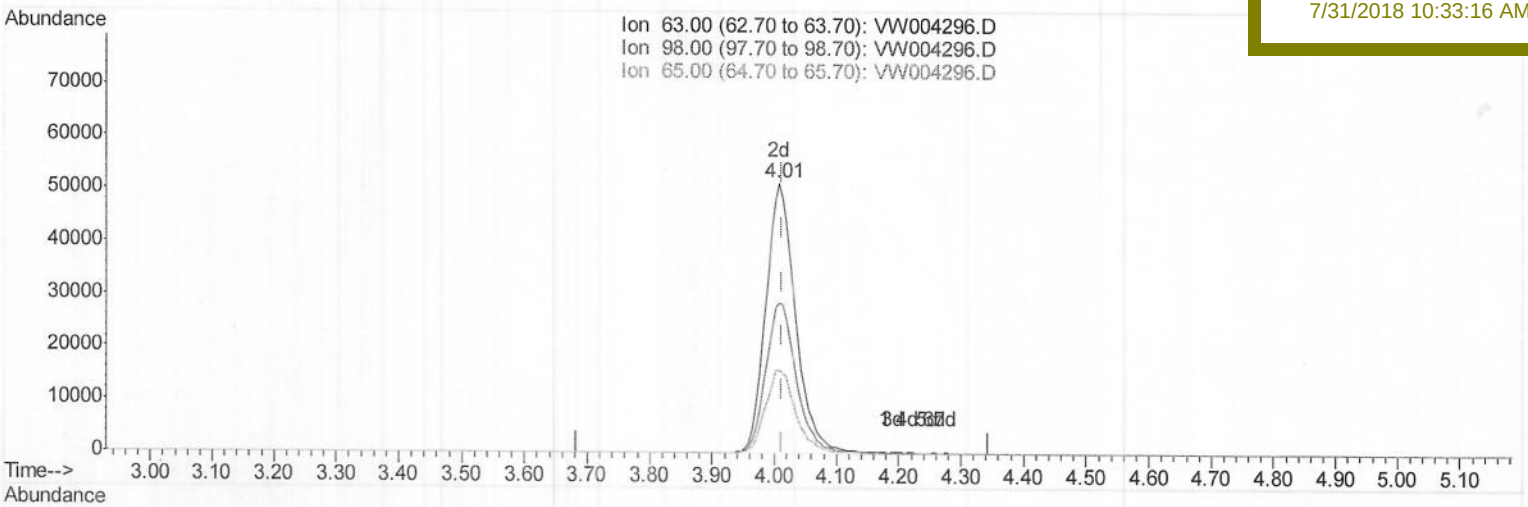
Quantitation Report (Qedit)

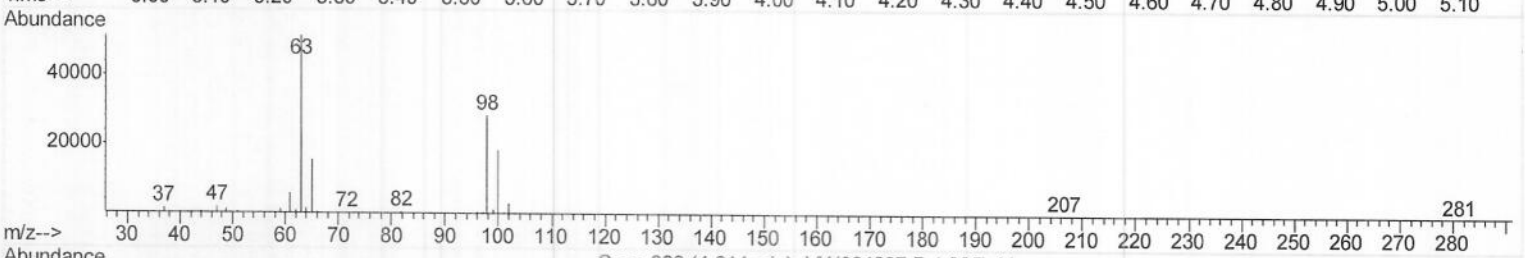
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

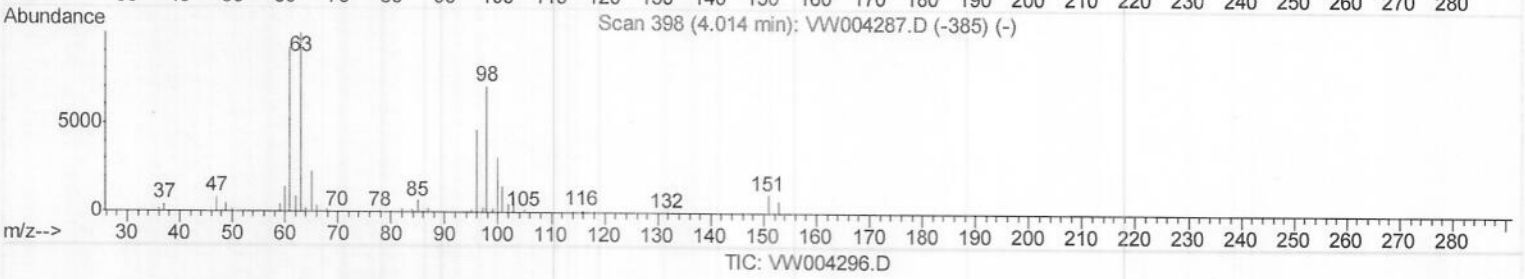
Quant Time: Jul 28 04:01:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM







TIC: VW004296.D

(10) 1,1-Dichloroethene-d2 (S)

4.007min (-0.006) 20.79ug/L m) MD 07/31/18

response 172800

Ion	Exp%	Act%
63.00	100	100
98.00	71.30	0.11#
65.00	23.10	0.04#
0.00	0.00	0.00

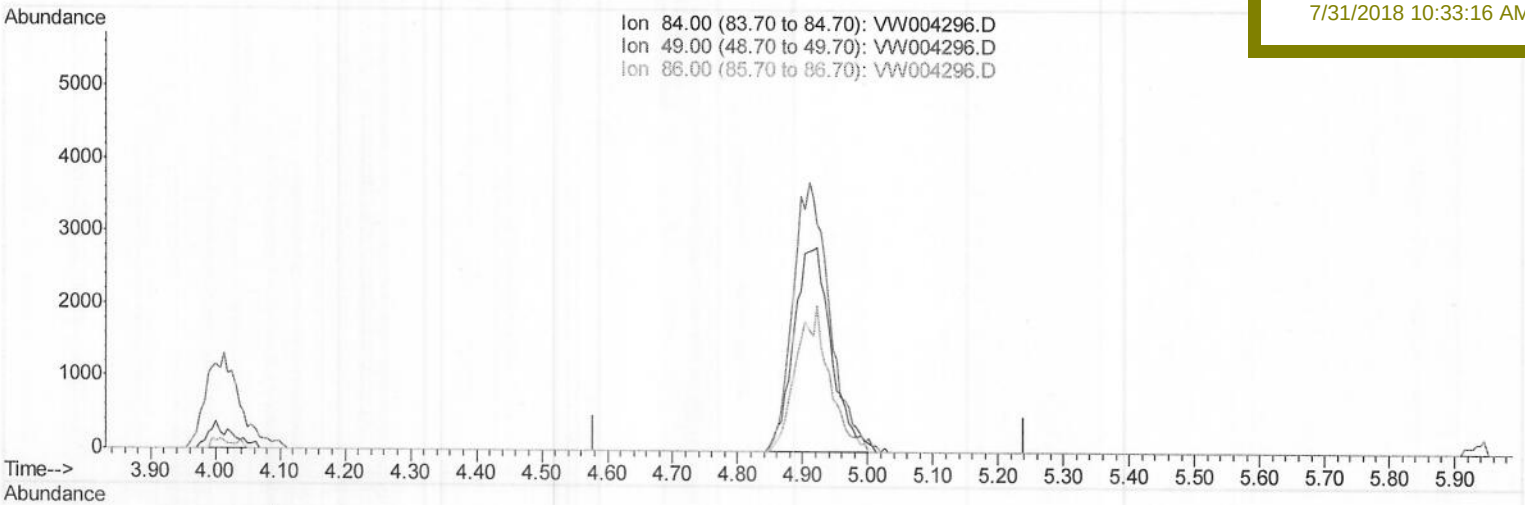
Quantitation Report (Qedit)

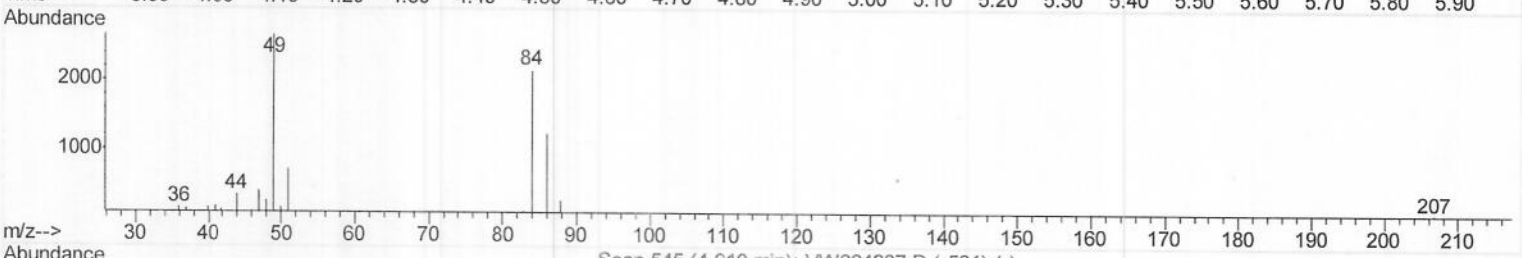
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:01:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

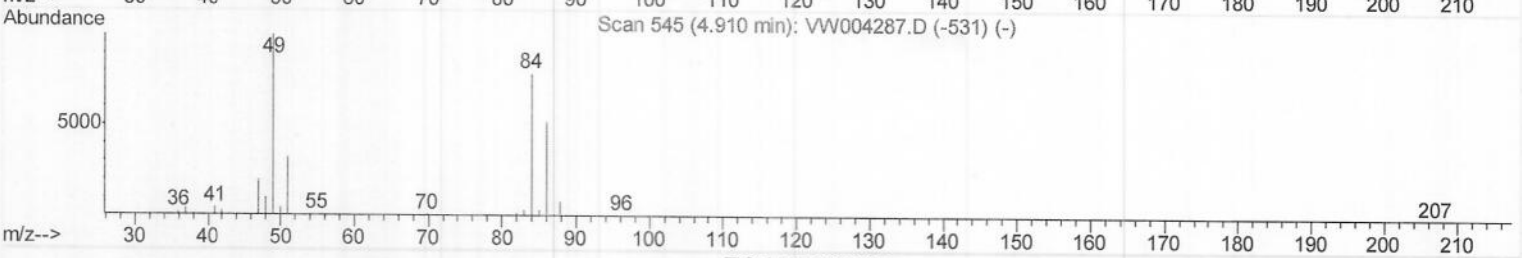
Instrument :
MSVOA_W
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM





Scan 545 (4.910 min): VW004287.D (-531) (-)



TIC: VW004296.D

(16) Methylene chloride (T)

4.910min (-4.910) 0.00ug/L

response 0

Ion	Exp%	Act%
84.00	100	0.00
49.00	129.80	0.00#
86.00	63.50	0.00#
0.00	0.00	0.00

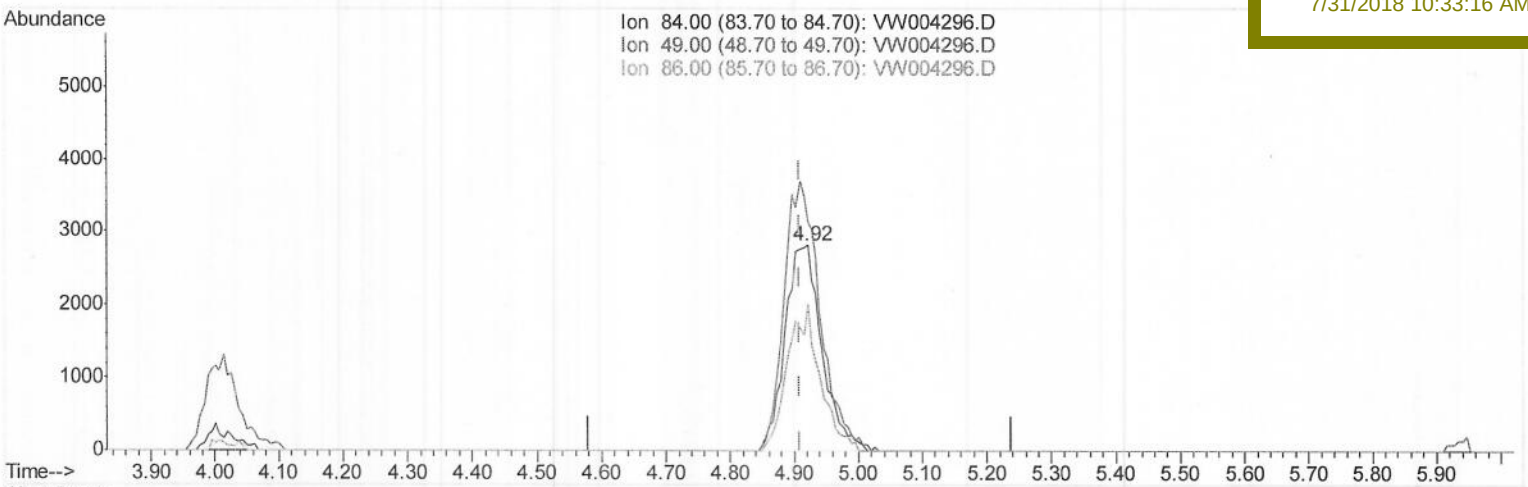
Quantitation Report (Qedit)

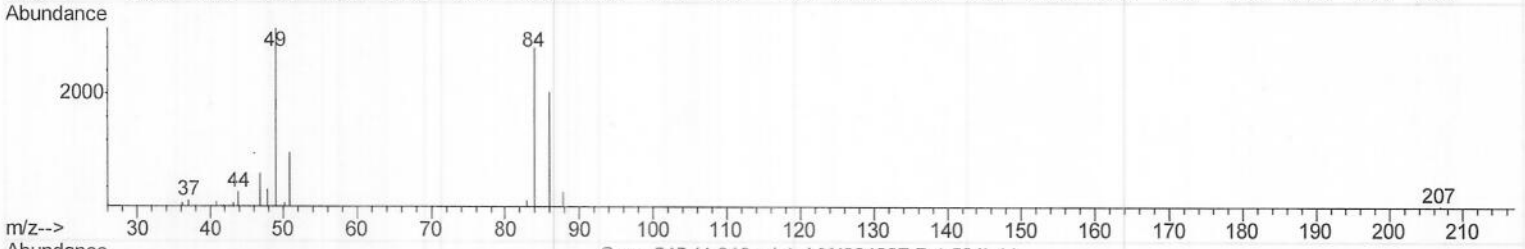
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

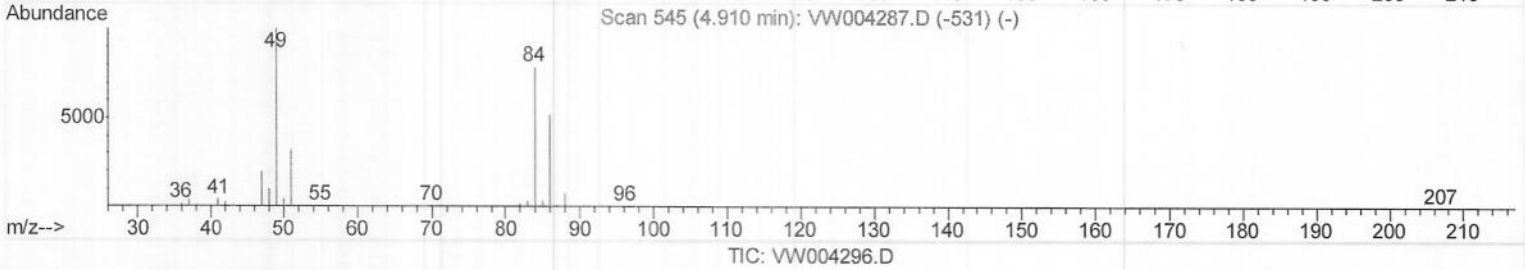
Quant Time: Jul 28 04:01:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM







TIC: VW004296.D

(16) Methylene chloride (T)

4.922min (+0.012) 2.31ug/L m) MD 07/31/18

response 11218

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	111.87
86.00	63.50	71.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004296.D
Acq On : 28 Jul 2018 03:07
Operator : SY/AP
Sample : J4204-12
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:05:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : JJ1J9

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	345806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122025	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	104884	30.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.52%			
7) Chloroethane-d5	2.89	69	69884	27.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.40%			
10) 1,1-Dichloroethene-d2	4.01	63	172800m	20.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.16%			
20) 2-Butanone-d5	7.08	46	90898	46.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.24%			
24) Chloroform-d	7.65	84	237765	26.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.40%			
26) 1,2-Dichloroethane-d4	8.31	65	149440	28.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.24%			
29) Benzene-d6	8.27	84	468970	27.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.72%			
33) 1,2-Dichloropropane-d6	9.27	67	161278	28.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.44%			
37) Toluene-d8	10.33	98	423055	26.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.68%			
38) trans-1,3-Dichloropropene-	10.58	79	63833	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.92%			
39) 2-Hexanone-d5	10.93	63	68605	45.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.80%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146981	25.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	135125	29.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.48%			
Target Compounds						Qvalue
13) Acetone	4.13	43	5667	2.848	ug/L	99
16) Methylene chloride	4.92	84	11218m	2.314	ug/L	

MD 07/31/18

MD 07/31/18

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