Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

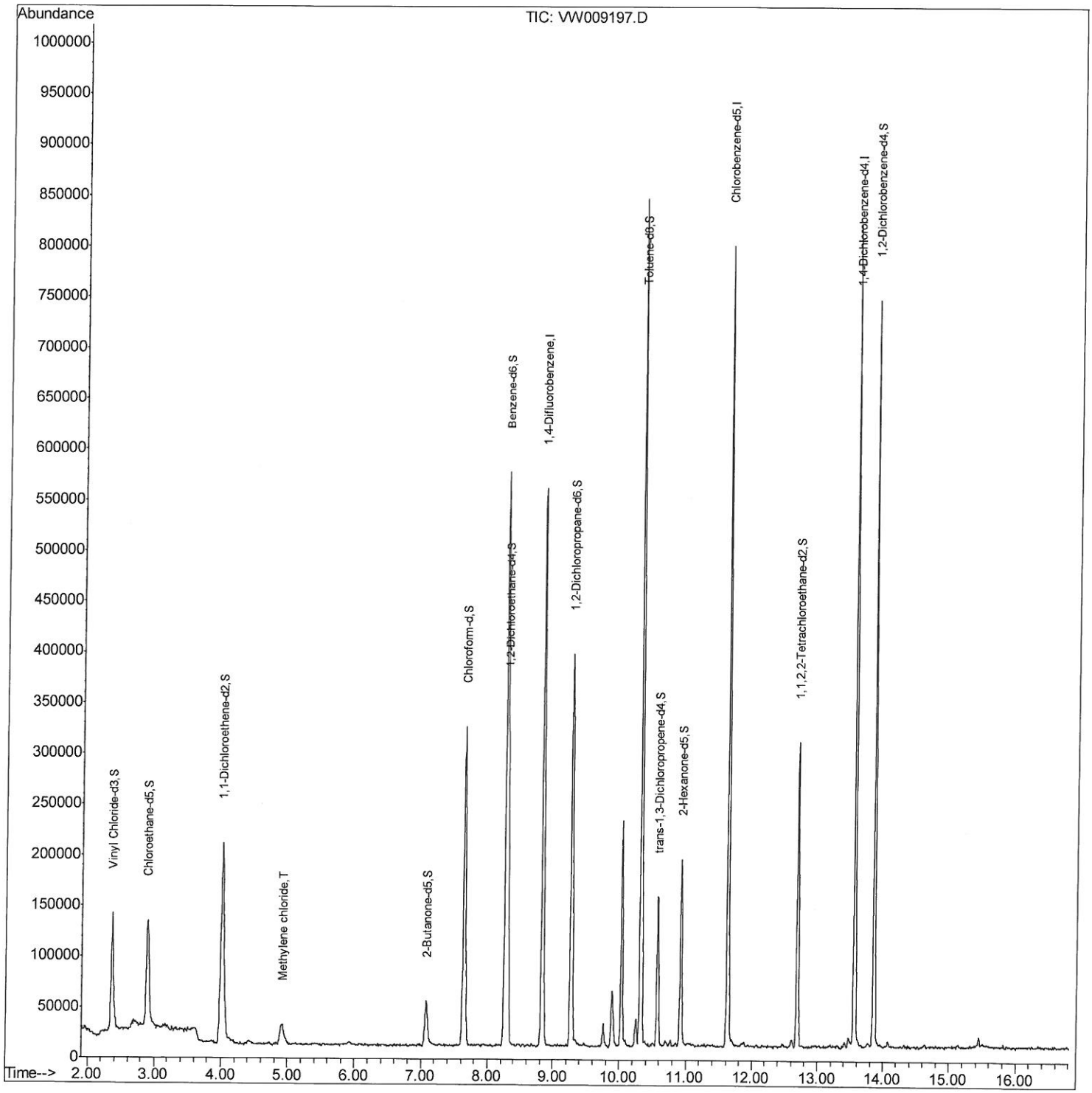
Quantitation Report (QT Reviewed)

Data File : VW009197.D
Acq On : 15 Mar 2019 14:33
Operator : SY/VA
Sample : K1838-08
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 23:36:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:26:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

Quantitation Report (Qedit)

Data File : VW009197.D
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Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 23:28:50 2019
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Quant Title : VOC Analysis
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Instrument :
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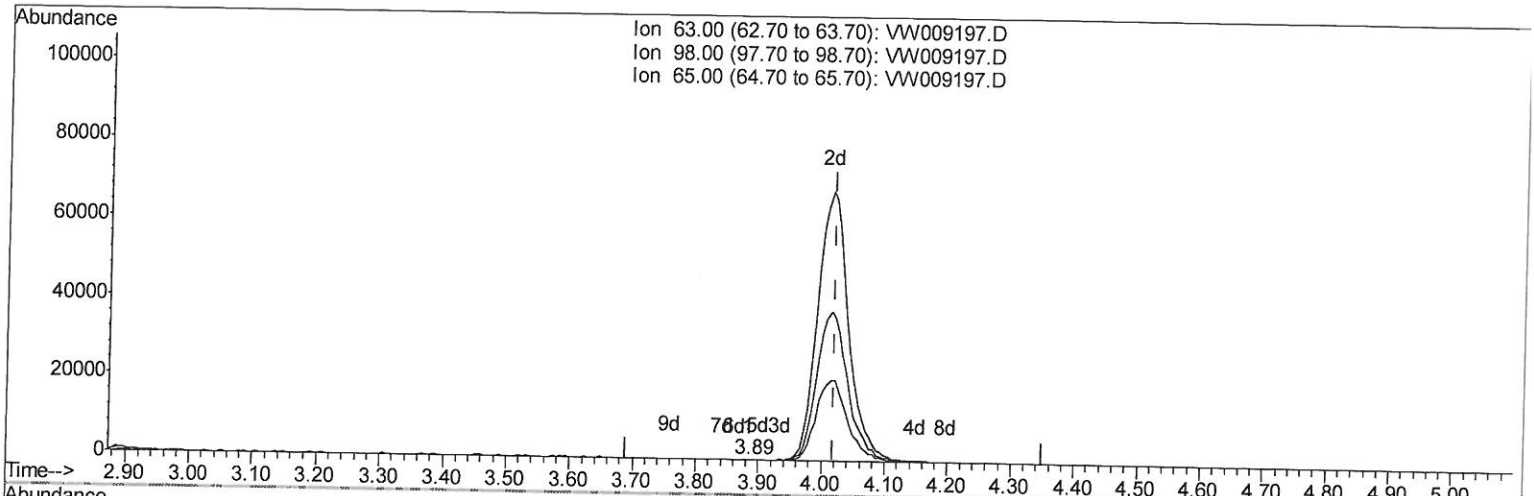
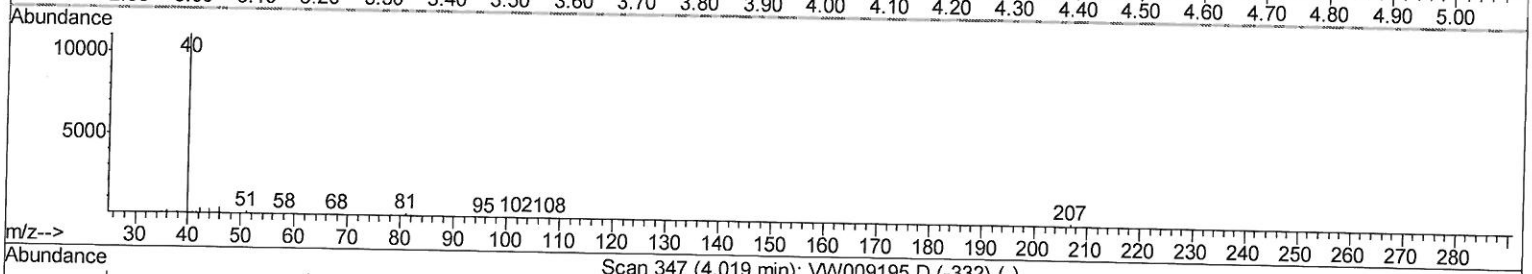
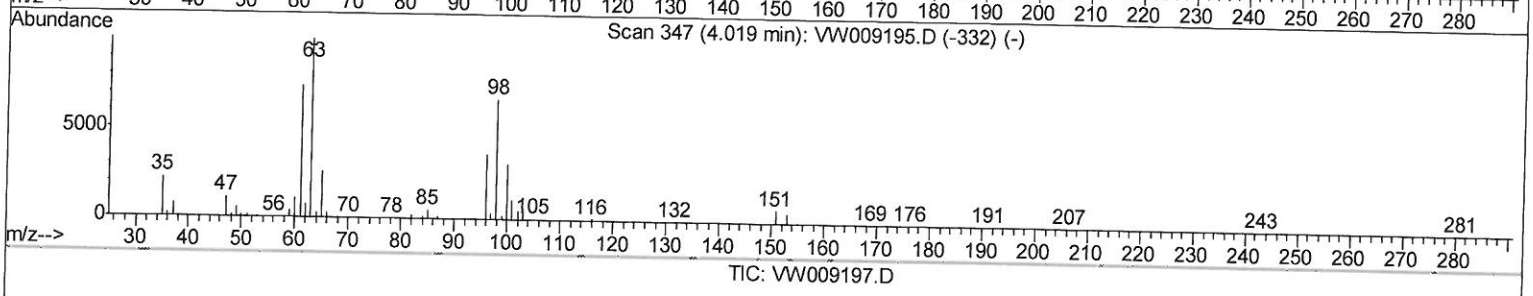
Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM







TIC: VW009197.D

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

3.885min (-0.134) 0.01ug/L

response 76

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	55.26
65.00	23.00	28.95
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

Quantitation Report (Qedit)

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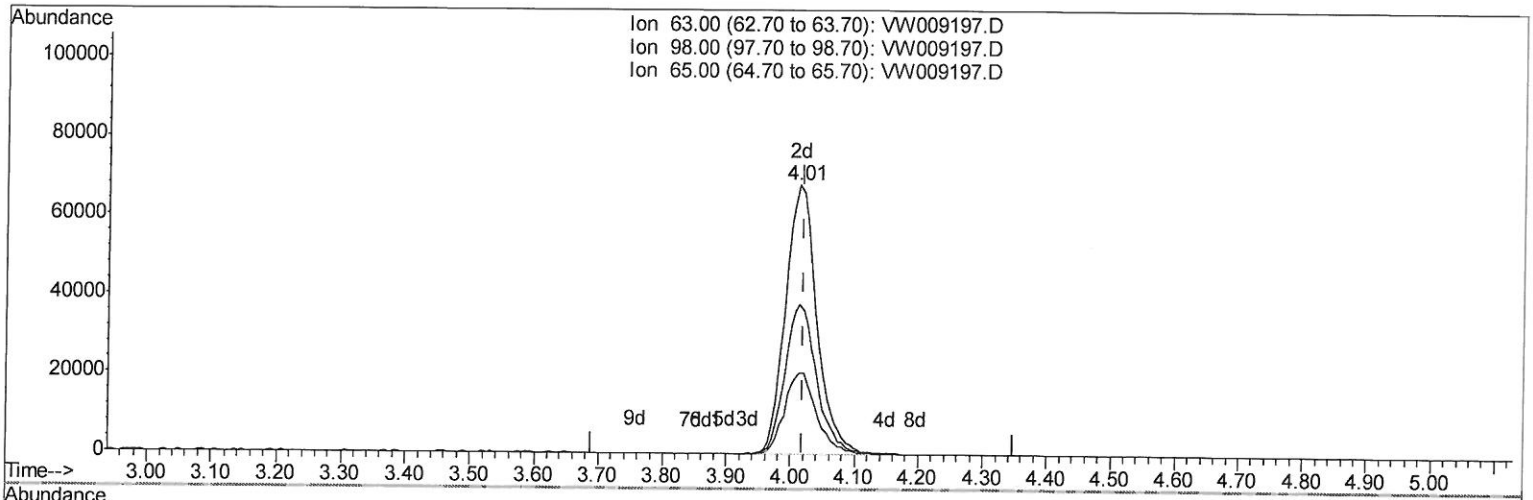
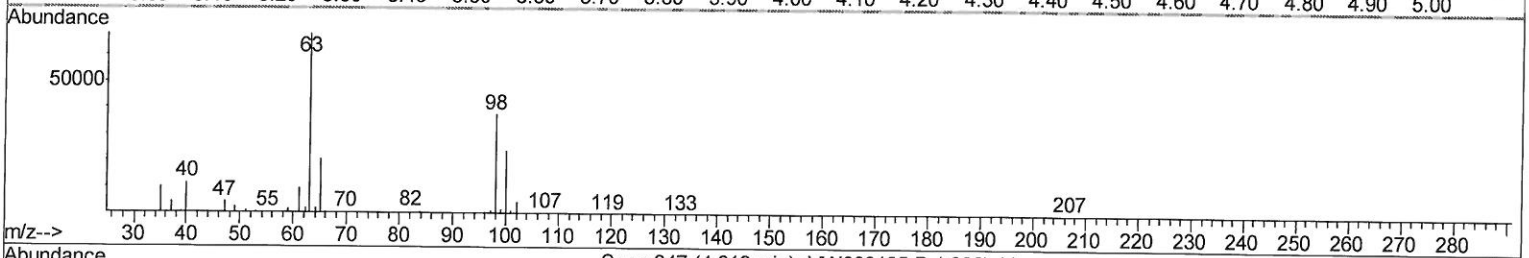
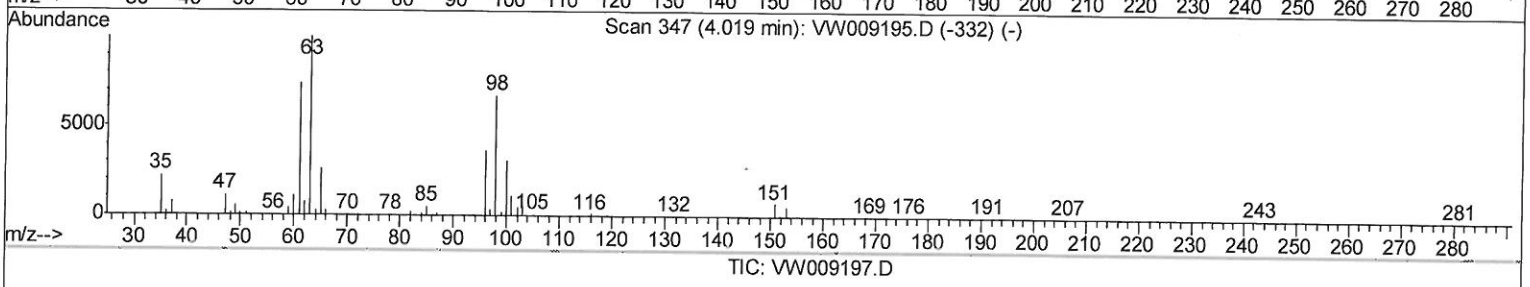
Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM







TIC: VW009197.D

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

4.013min (-0.006) 20.45ug/L m 3/16/19 SY

response 232236

Ion	Exp%	Act%
63.00	100	100
98.00	70.80	0.02#
65.00	23.00	0.01#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

Quantitation Report (Qedit)

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Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 23:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:26:07 2019
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Instrument :
MSVOA_W
ClientSampleId :
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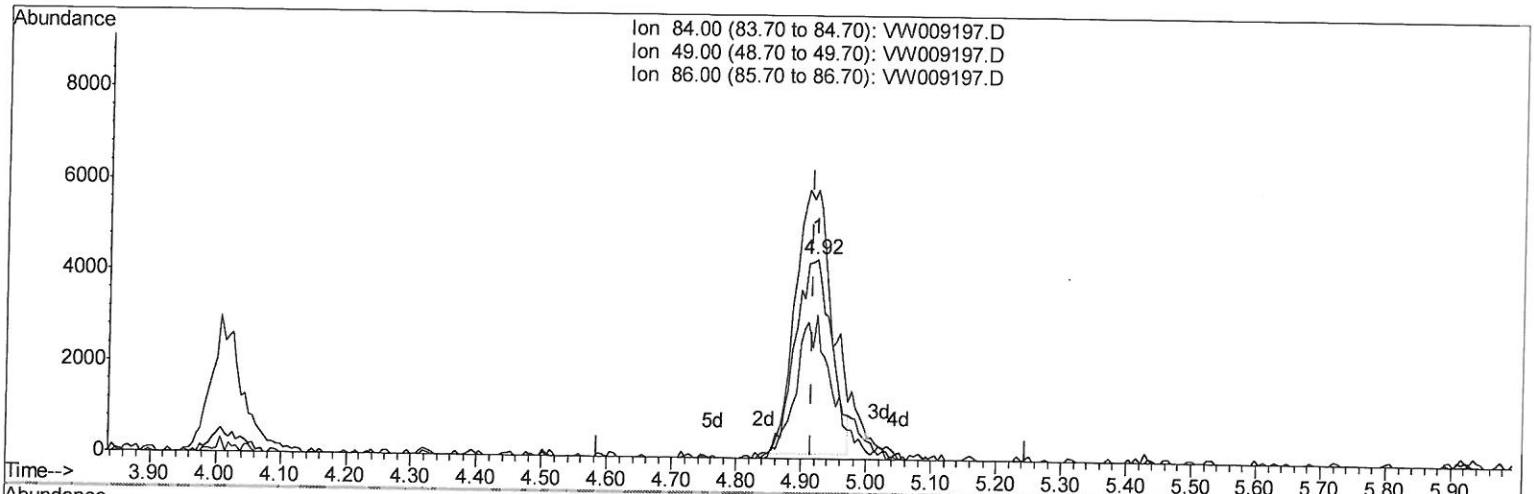
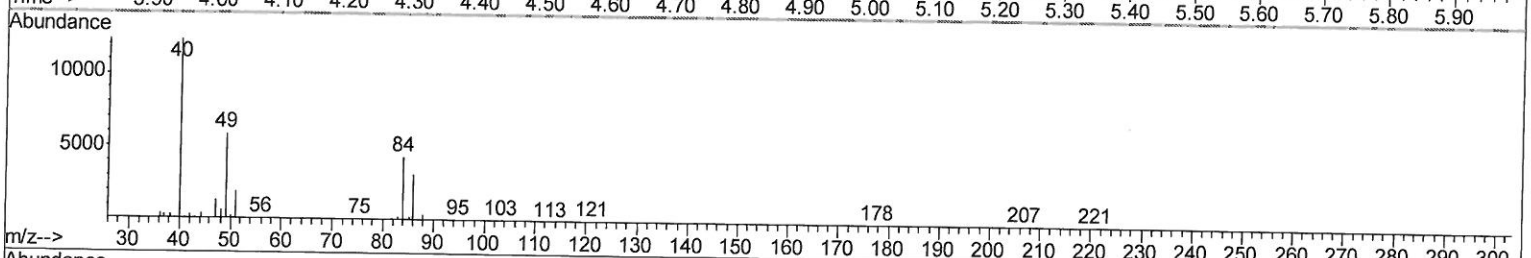
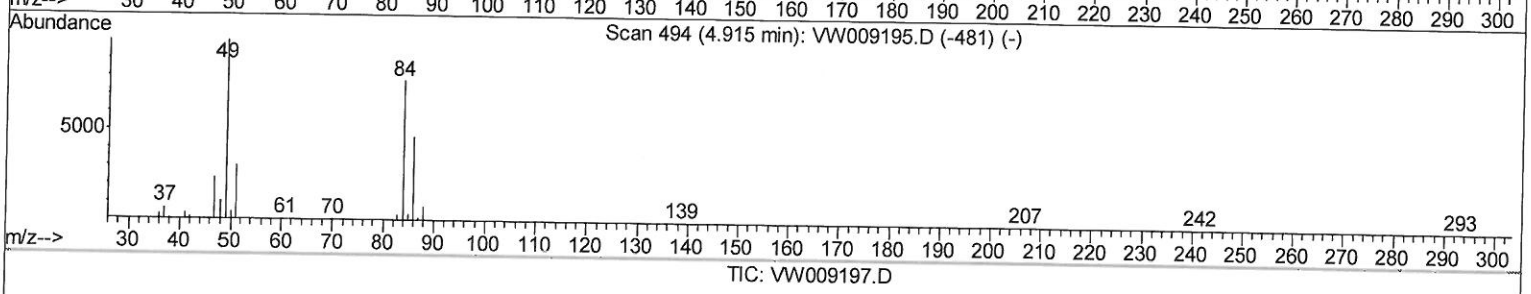
Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM







TIC: VW009197.D

(16) Methylene chloride (T)

4.922min (+0.007) 2.57ug/L

response 16475

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	134.55
86.00	63.50	72.35
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

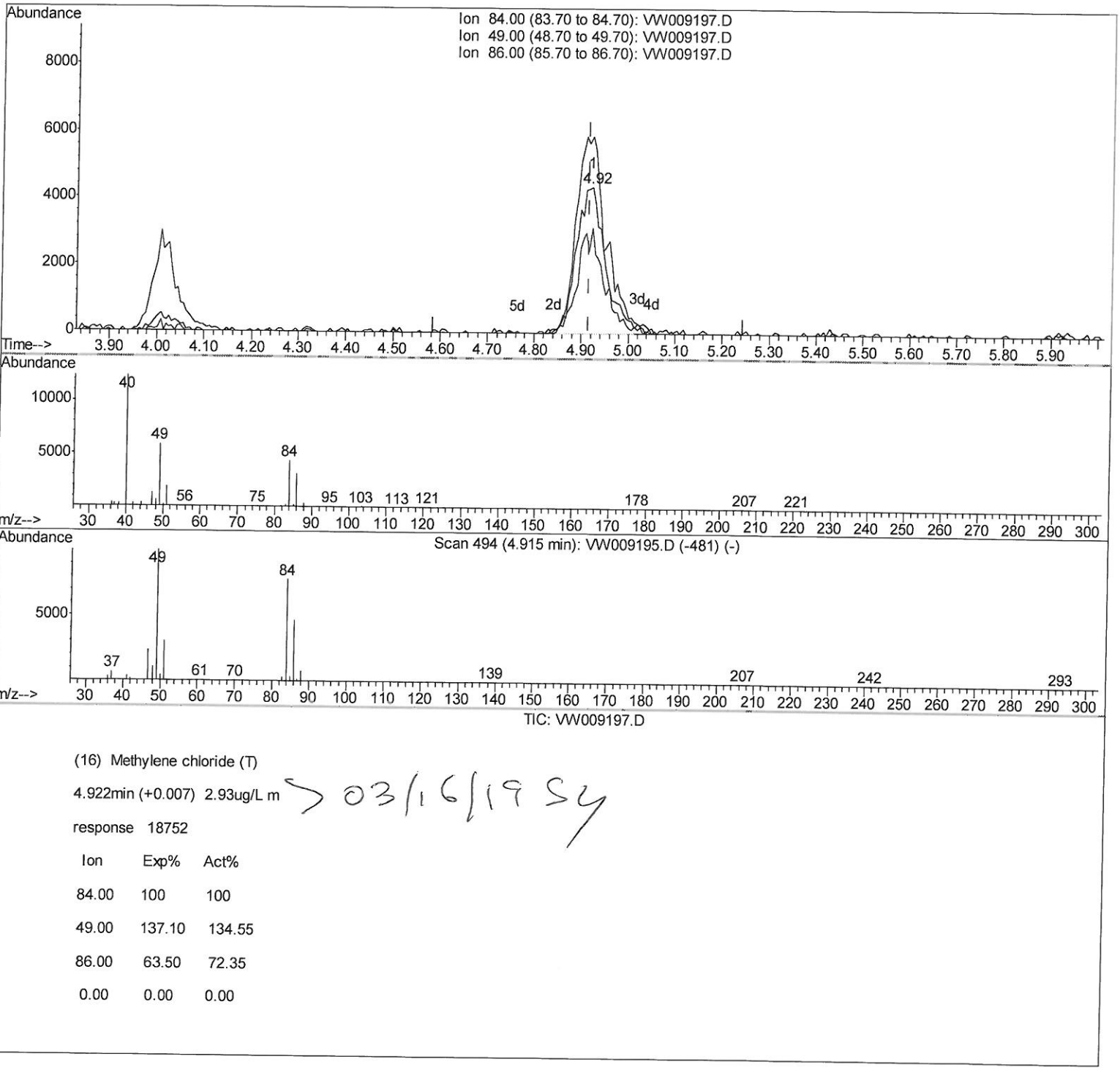
Quantitation Report (Qedit)

Data File : VW009197.D
Acq On : 15 Mar 2019 14:33
Operator : SY/VA
Sample : K1838-08
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 15 23:28:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:26:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM



(16) Methylene chloride (T)

4.922min (+0.007) 2.93ug/L m > 03/16/19 SY

response 18752

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	134.55
86.00	63.50	72.35
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031519\

Quantitation Report (QT Reviewed)

Data File : VW009197.D
Acq On : 15 Mar 2019 14:33
Operator : SY/VA
Sample : K1838-08
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Manual Integrations APPROVED
MMDadoda
3/16/2019 2:56:04 PM

Quant Time: Mar 15 23:36:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:26:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	439608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198948	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	157270	29.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.76%			
7) Chloroethane-d5	2.89	69	141799	23.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.28%			
10) 1,1-Dichloroethene-d2	4.01	63	232236m	20.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.80%			
20) 2-Butanone-d5	7.07	46	73808	33.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.94%			
24) Chloroform-d	7.64	84	286239	23.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.44%			
26) 1,2-Dichloroethane-d4	8.30	65	166183	22.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.96%			
29) Benzene-d6	8.27	84	558175	24.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.56%			
33) 1,2-Dichloropropane-d6	9.27	67	164683	23.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.84%			
37) Toluene-d8	10.32	98	513974	24.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.16%			
38) trans-1,3-Dichloropropene-	10.58	79	75196	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.12%			
39) 2-Hexanone-d5	10.92	63	56191	33.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.50%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130831	19.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.28%			
61) 1,2-Dichlorobenzene-d4	13.86	152	185518	24.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.28%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	18752m	2.925	ug/L	

03/16/19 SY

03/16/19 SY

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