Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

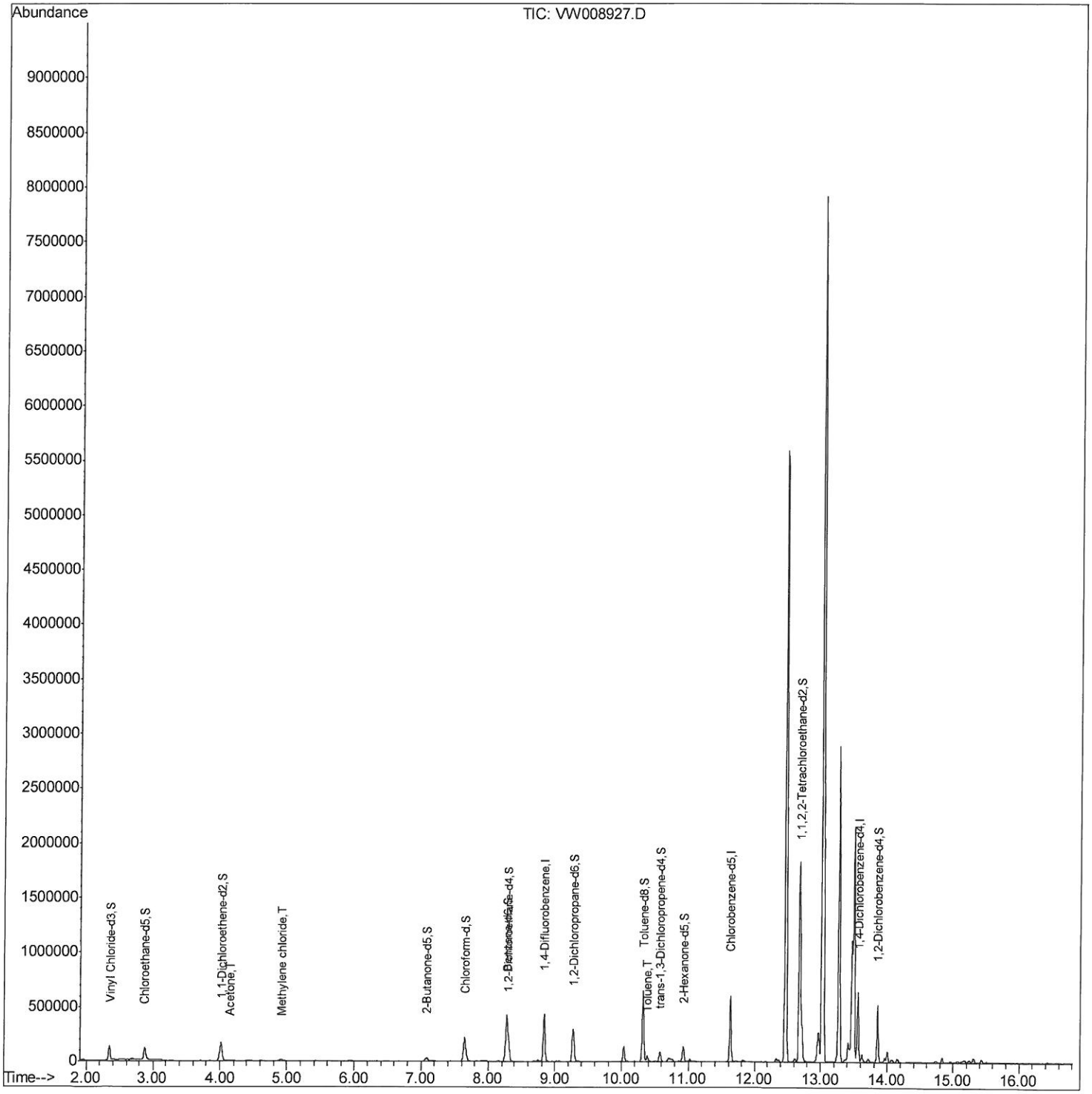
Quantitation Report (QT Reviewed)

Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 02 03:42:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB654

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:31 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Qedit)

Data File : VW008927.D
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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
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations APPROVED
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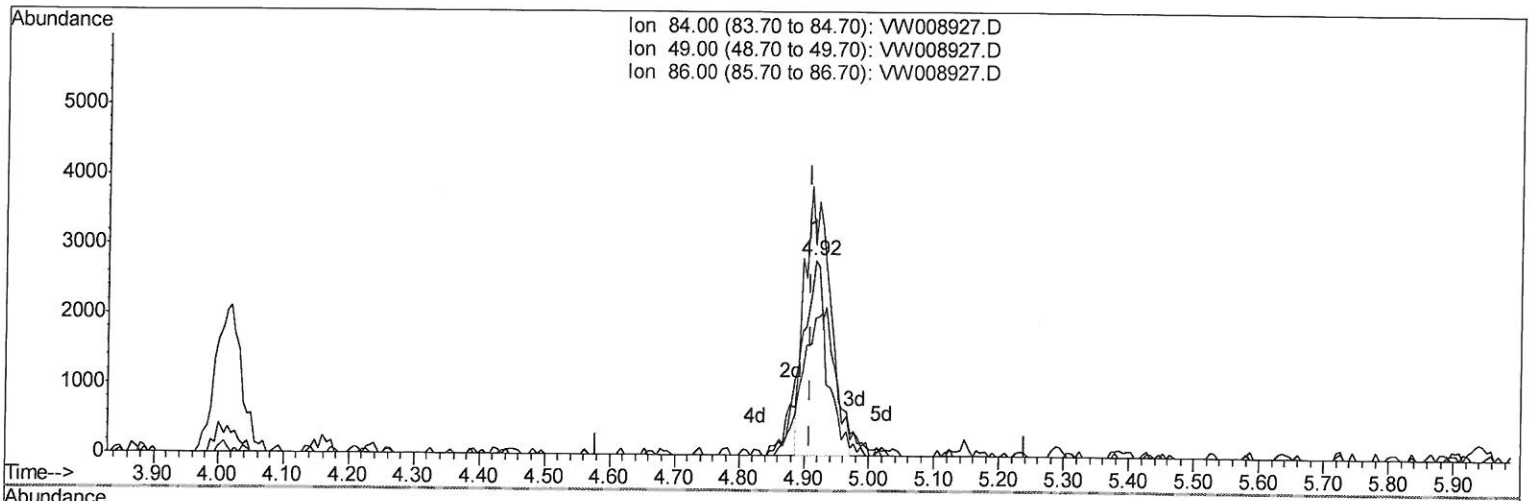
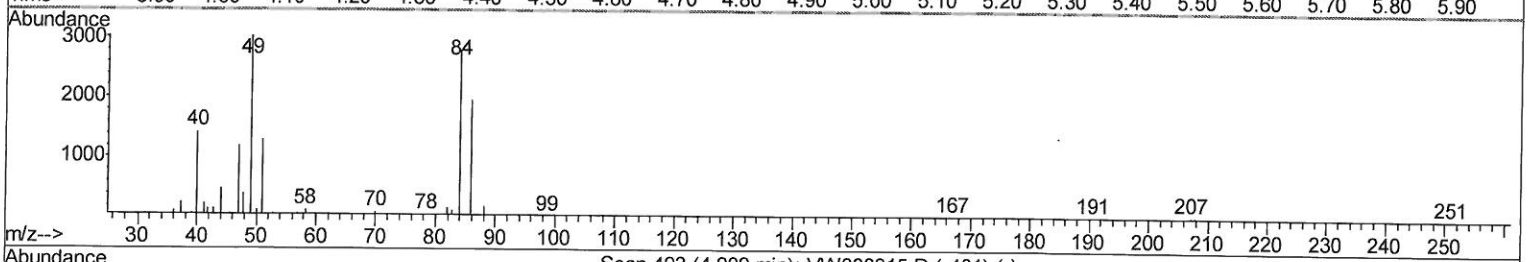
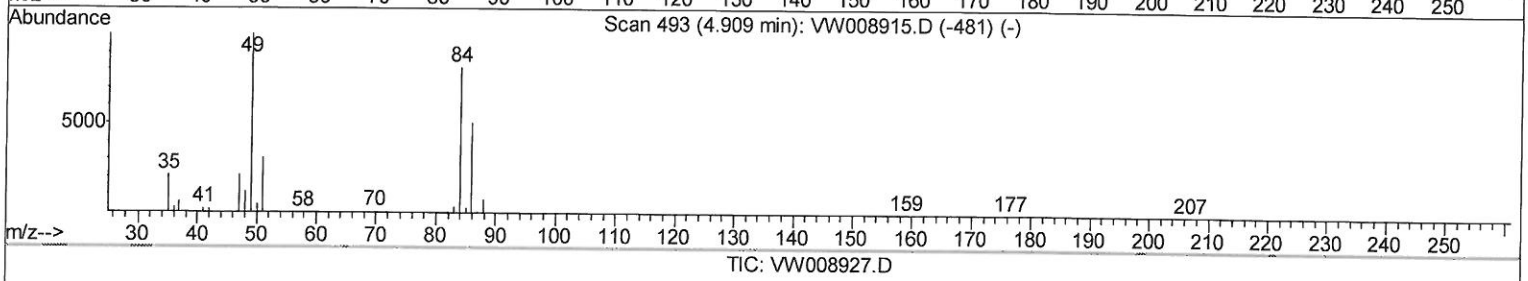
3/5/2019 11:47:31 PM







TIC: VW008927.D

(16) Methylene chloride (T)

4.916min (+0.006) 1.39ug/L

response 7951

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	108.13
86.00	61.70	70.57
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Qedit)

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Instrument :
MSVOA_W
ClientSampleId :
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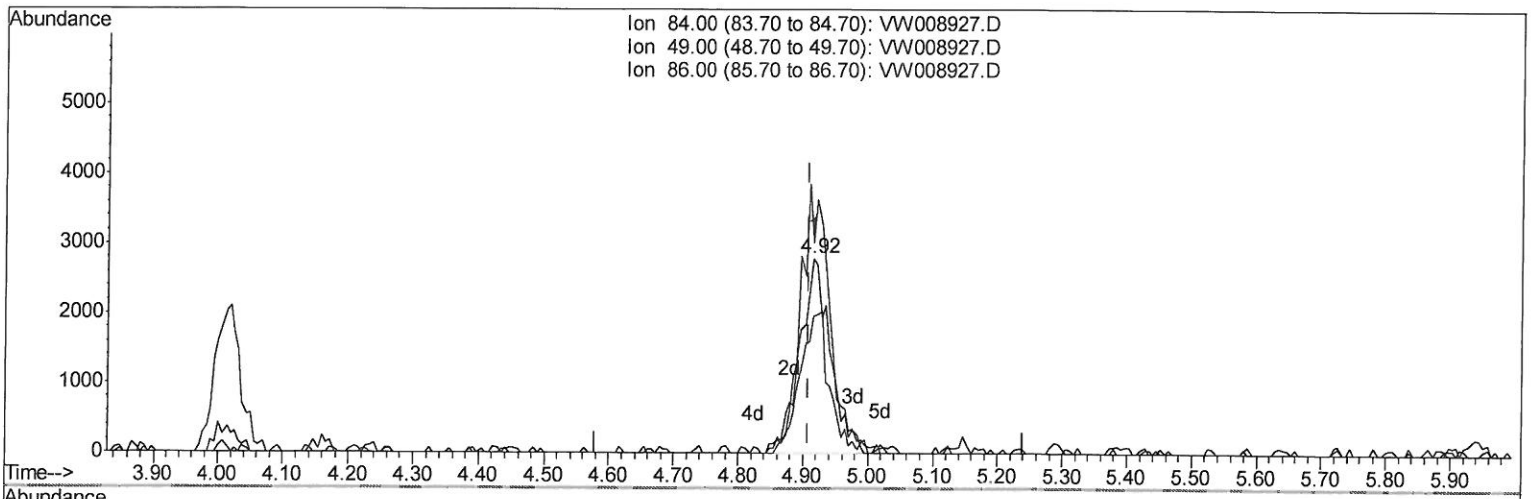
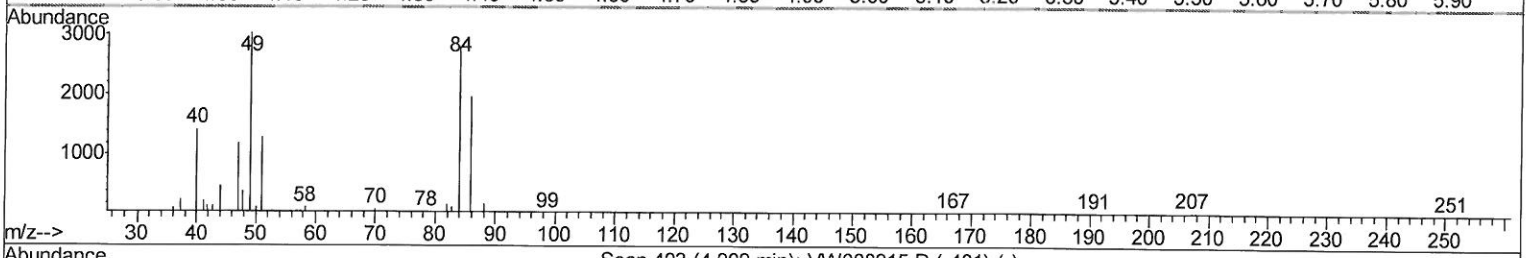
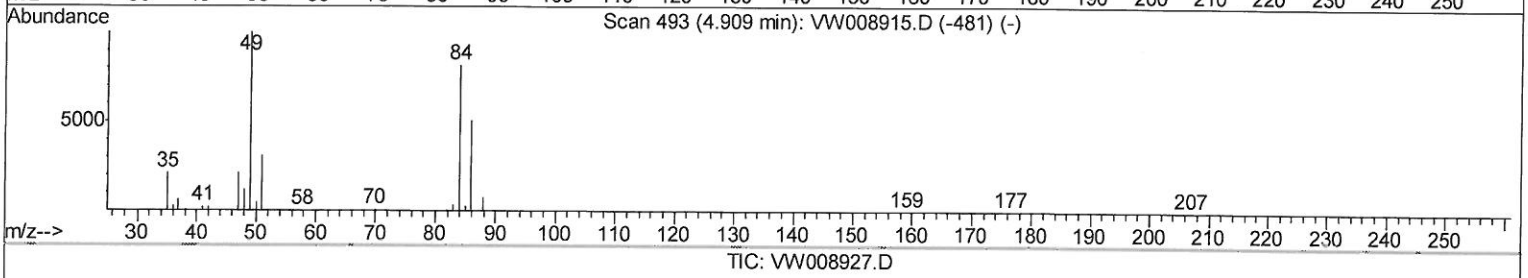
Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:31 PM







TIC: VW008927.D

(16) Methylene chloride (T)

4.916min (+0.006) 1.59ug/L m >03/04/19 SY

response 9125

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	108.13
86.00	61.70	70.57
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Qedit)

Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
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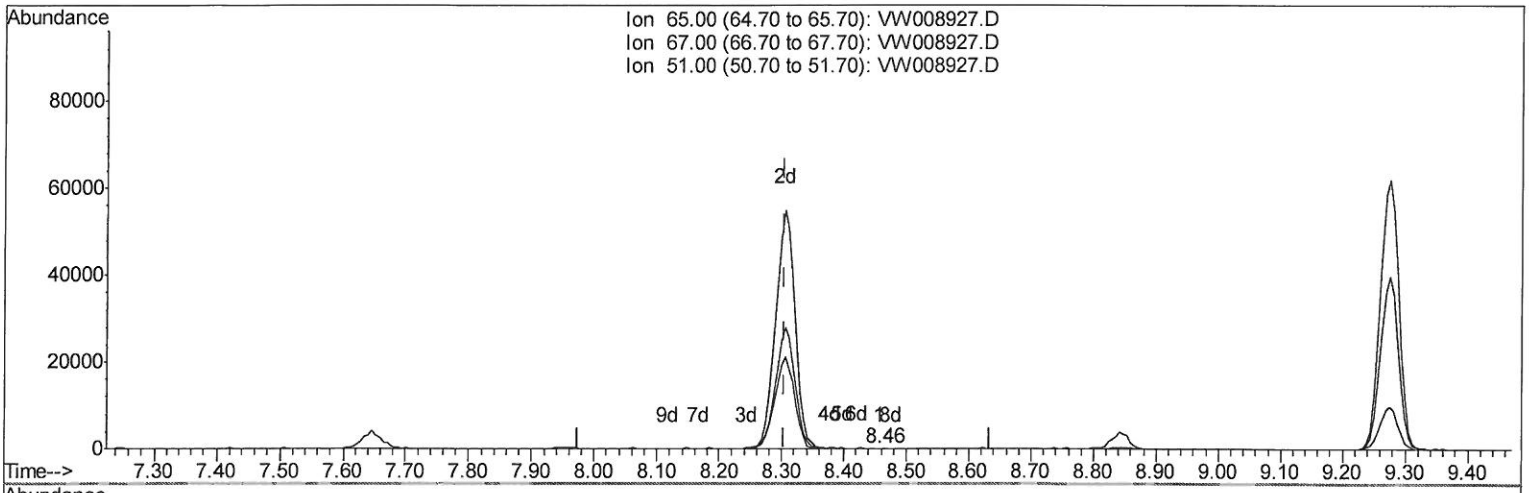
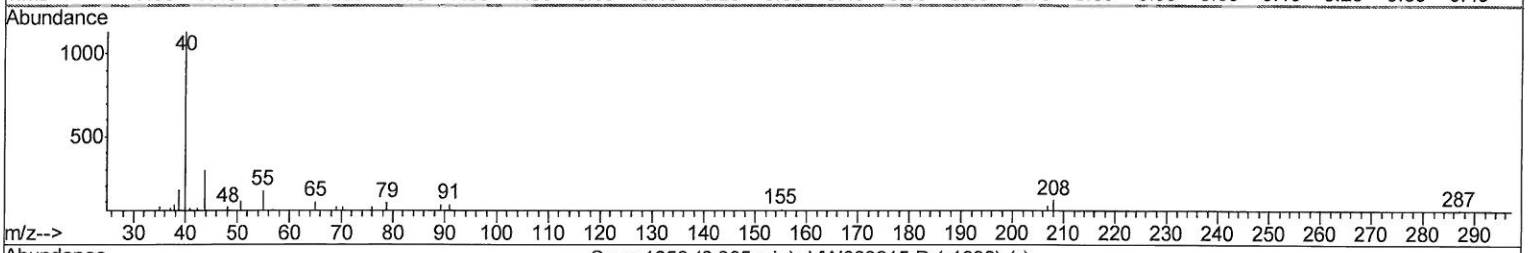
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

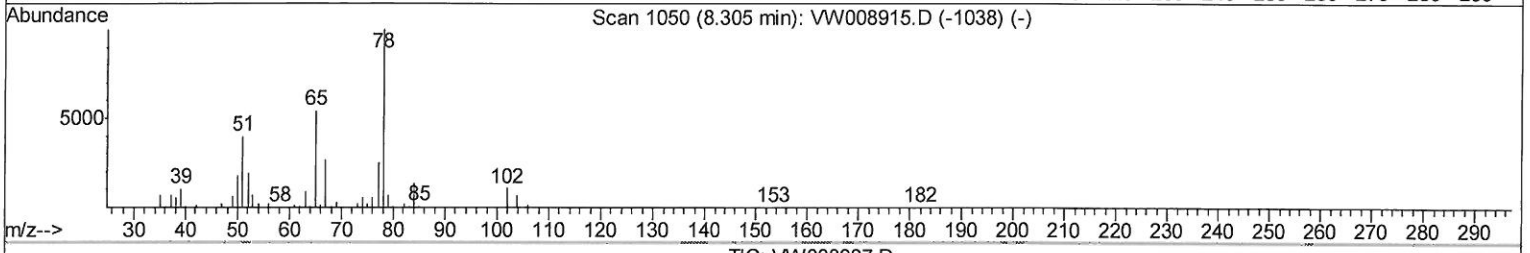
Quant Time: Mar 02 02:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB654

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:31 PM







TIC: VW008927.D

(26) 1,2-Dichloroethane-d4 (S)

8.458min (+0.153) 0.02ug/L

response 121

Ion	Exp%	Act%
65.00	100	100
67.00	50.30	49.59
51.00	87.60	66.94
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Qedit)

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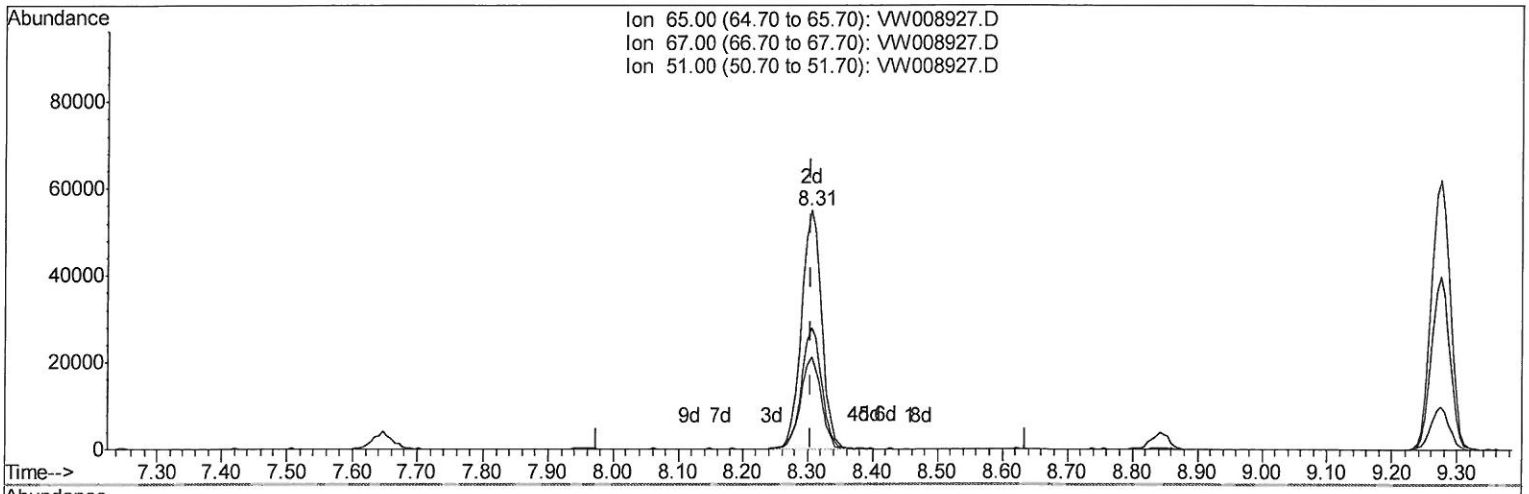
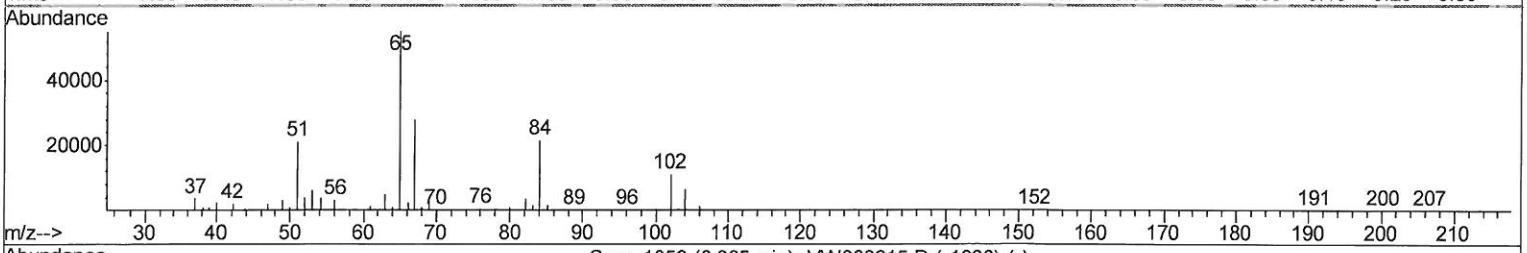
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

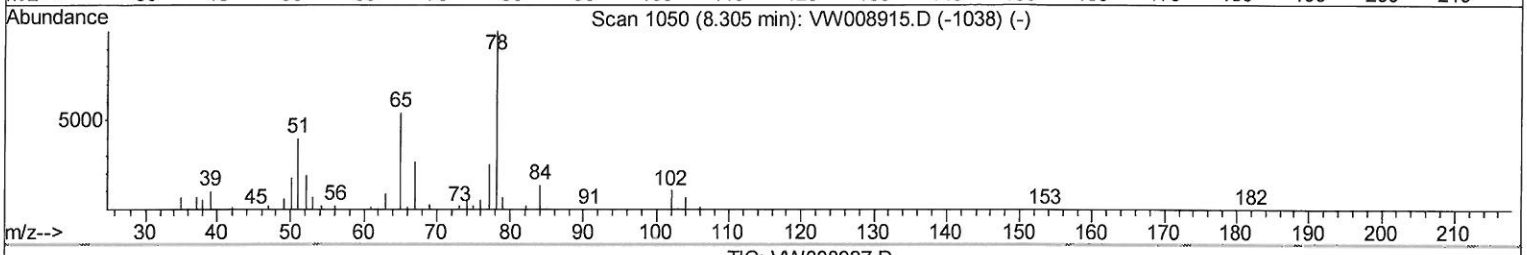
Quant Time: Mar 02 02:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB654

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:31 PM







TIC: VW008927.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 23.56ug/L m 3/03/04/19 SY

response 119021

Ion	Exp%	Act%
65.00	100	100
67.00	50.30	0.05#
51.00	87.60	0.07#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (QT Reviewed)

Data File : VW008927.D
Acq On : 01 Mar 2019 16:52
Operator : SY/VA
Sample : K1657-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB654

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:31 PM

Quant Time: Mar 02 03:42:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354004	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146738	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	115480	20.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.88%			
7) Chloroethane-d5	2.89	69	114315	23.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.48%			
10) 1,1-Dichloroethene-d2	4.01	63	153743	16.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.16%			
20) 2-Butanone-d5	7.08	46	54073	32.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.86%			
24) Chloroform-d	7.65	84	191266	22.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.36%			
26) 1,2-Dichloroethane-d4	8.31	65	119021m	23.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.24%			
29) Benzene-d6	8.27	84	414928	26.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.20%			
33) 1,2-Dichloropropane-d6	9.27	67	125640	27.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.76%			
37) Toluene-d8	10.32	98	419881	26.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.32%			
38) trans-1,3-Dichloropropene-	10.58	79	43961	18.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.92%			
39) 2-Hexanone-d5	10.93	63	42364	33.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98265	21.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	130239	24.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.64%			
Target Compounds						Qvalue
13) Acetone	4.14	43	12897	8.278	ug/L	85
16) Methylene chloride	4.92	84	9125m	1.594	ug/L	
44) Toluene	10.39	91	36487	1.780	ug/L	99

03/04/19 SY

03/04/19 SY

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