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

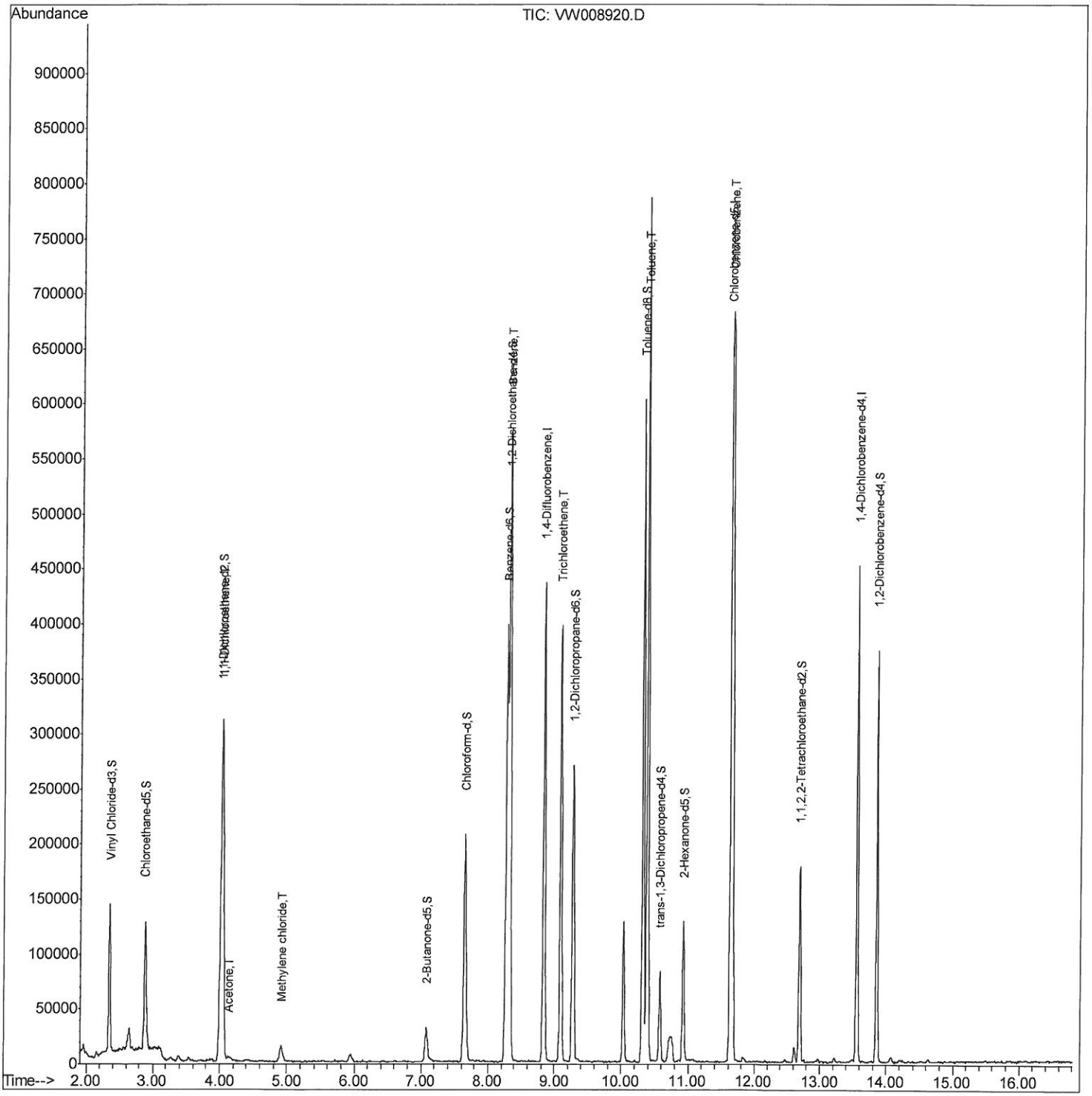
Quantitation Report (QT Reviewed)

Data File : VW008920.D
Acq On : 01 Mar 2019 13:53
Operator : SY/VA
Sample : K1657-03MS
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 02 03:19:29 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 :
DB648MS

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:22 PM



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

Quantitation Report (Qedit)

Data File : VW008920.D
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Operator : SY/VA
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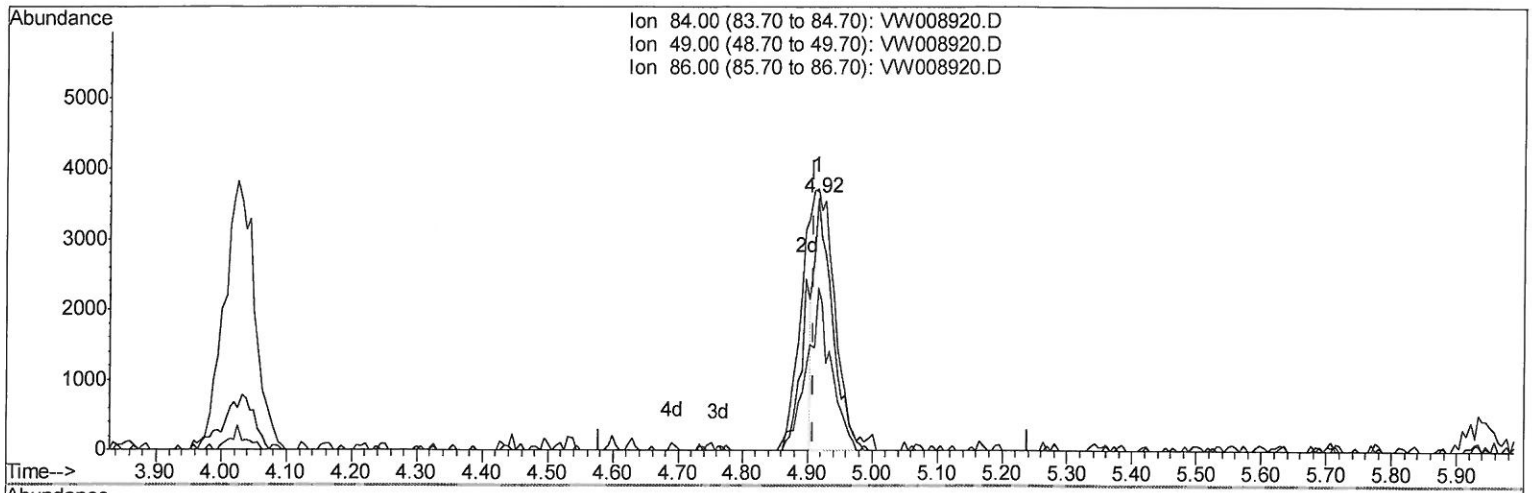
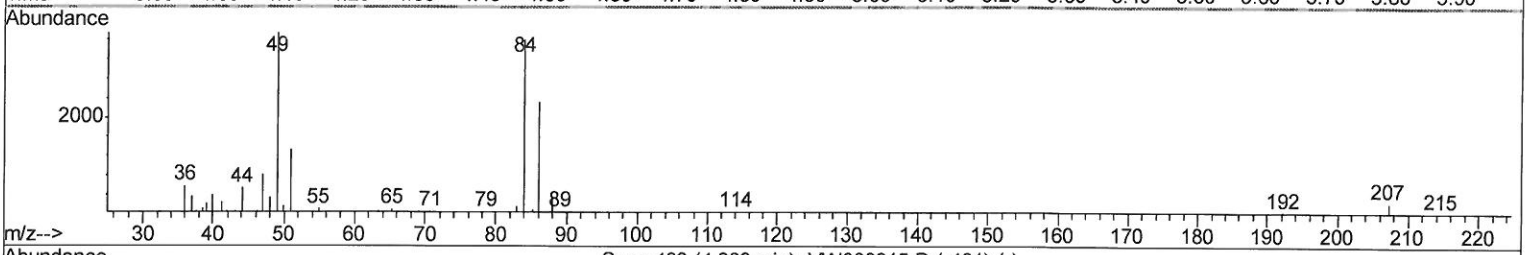
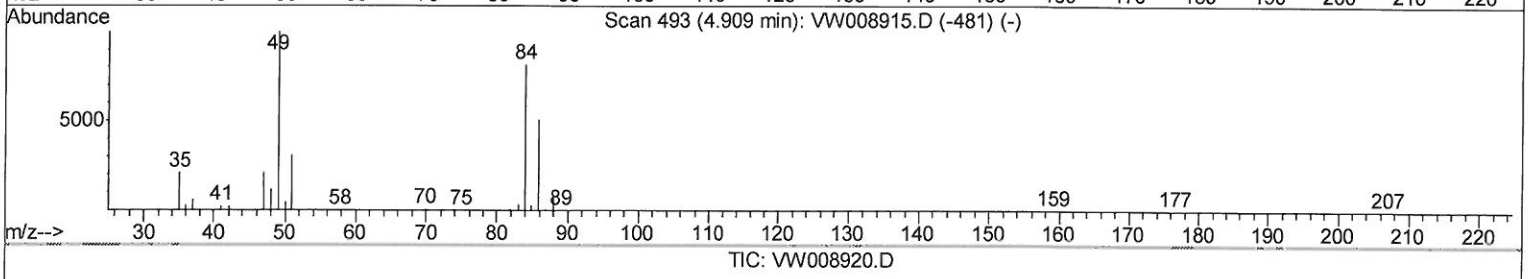
Quant Time: Mar 02 02:58:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:22 PM







TIC: VW008920.D

(16) Methylene chloride (T)

4.915min (+0.006) 1.23ug/L

response 7139

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	103.65
86.00	61.70	64.64
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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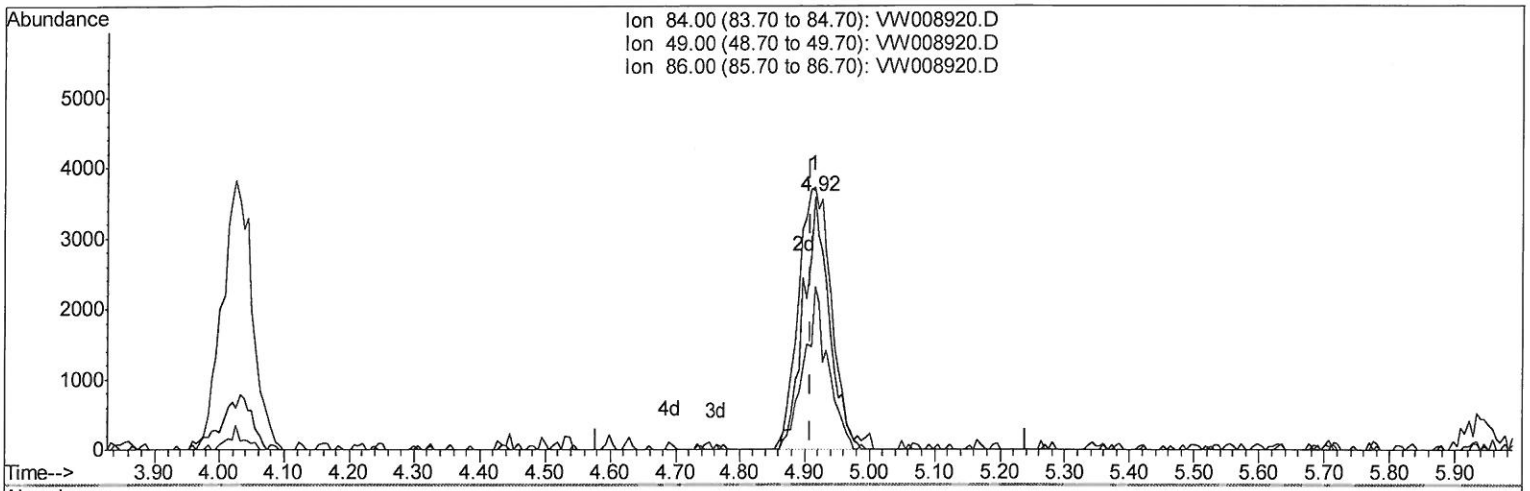
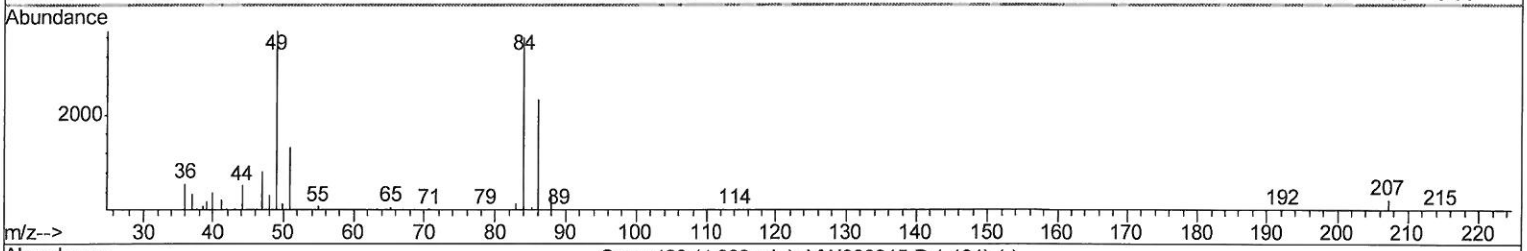
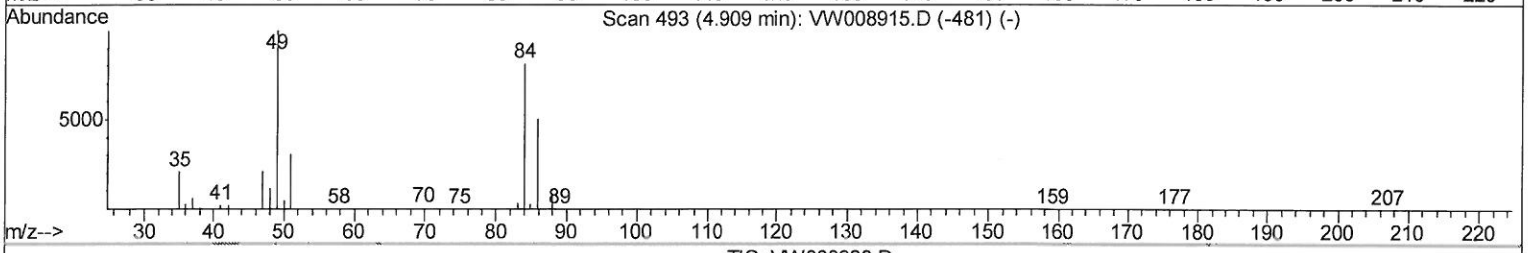
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:22 PM







TIC: VW008920.D

(16) Methylene chloride (T)

4.915min (+0.006) 1.70ug/L m >03/04/19 sy

response 9884

Ion	Exp%	Act%
84.00	100	100
49.00	113.10	103.65
86.00	61.70	64.64
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : VW008920.D
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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 : DB648MS

Manual Integrations APPROVED
MMDadoda
3/5/2019 11:47:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115329	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	119780	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.88%			
7) Chloroethane-d5	2.88	69	113778	22.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.88%			
10) 1,1-Dichloroethene-d2	4.02	63	212715	22.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.72%			
20) 2-Butanone-d5	7.07	46	51443	30.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.86%			
24) Chloroform-d	7.65	84	182887	21.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.36%			
26) 1,2-Dichloroethane-d4	8.30	65	111192	21.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.92%			
29) Benzene-d6	8.27	84	392738	25.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.08%			
33) 1,2-Dichloropropane-d6	9.27	67	113431	25.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.60%			
37) Toluene-d8	10.32	98	378678	24.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.24%			
38) trans-1,3-Dichloropropene-	10.58	79	40118	17.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.72%			
39) 2-Hexanone-d5	10.93	63	40003	32.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.76%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81589	18.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 72.80%			
61) 1,2-Dichlorobenzene-d4	13.85	152	96604	23.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	110805	24.773	ug/L	91
13) Acetone	4.13	43	5574	3.532	ug/L	72
16) Methylene chloride	4.92	84	9884m	1.705	ug/L	
34) Benzene	8.32	78	488694	28.372	ug/L	100
35) Trichloroethene	9.09	95	122168	26.278	ug/L	95
44) Toluene	10.39	91	555934	28.075	ug/L	96
52) Chlorobenzene	11.66	112	324989	24.385	ug/L	98

03/04/19 SJ

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