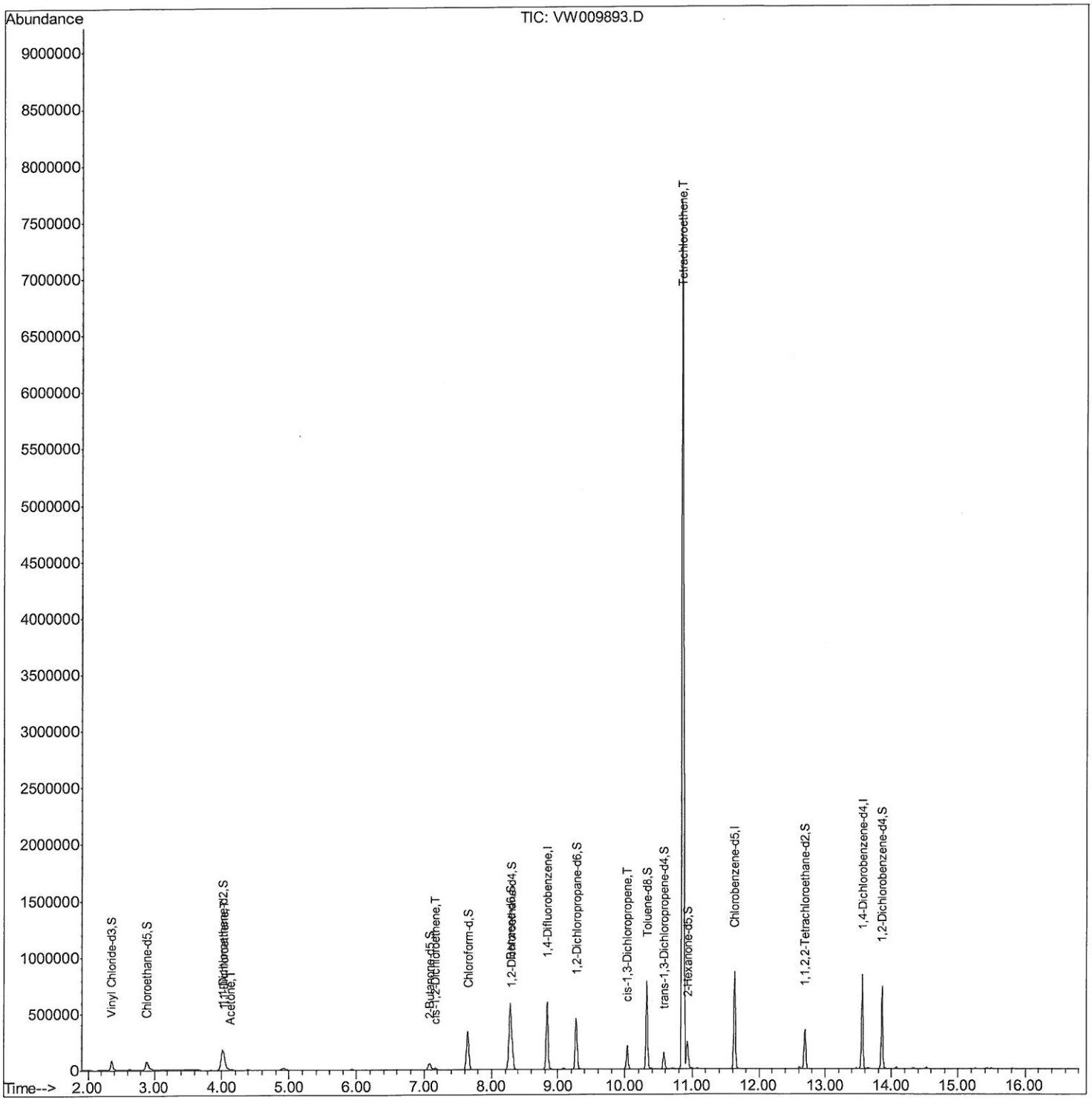
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
Data File : VW009893.D
Acq On : 10 Apr 2019 21:33
Operator : SY/VA
Sample : K2340-18
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 05:56:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF2T0

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:18 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
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Operator : SY/VA
Sample : K2340-18
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 05:55:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
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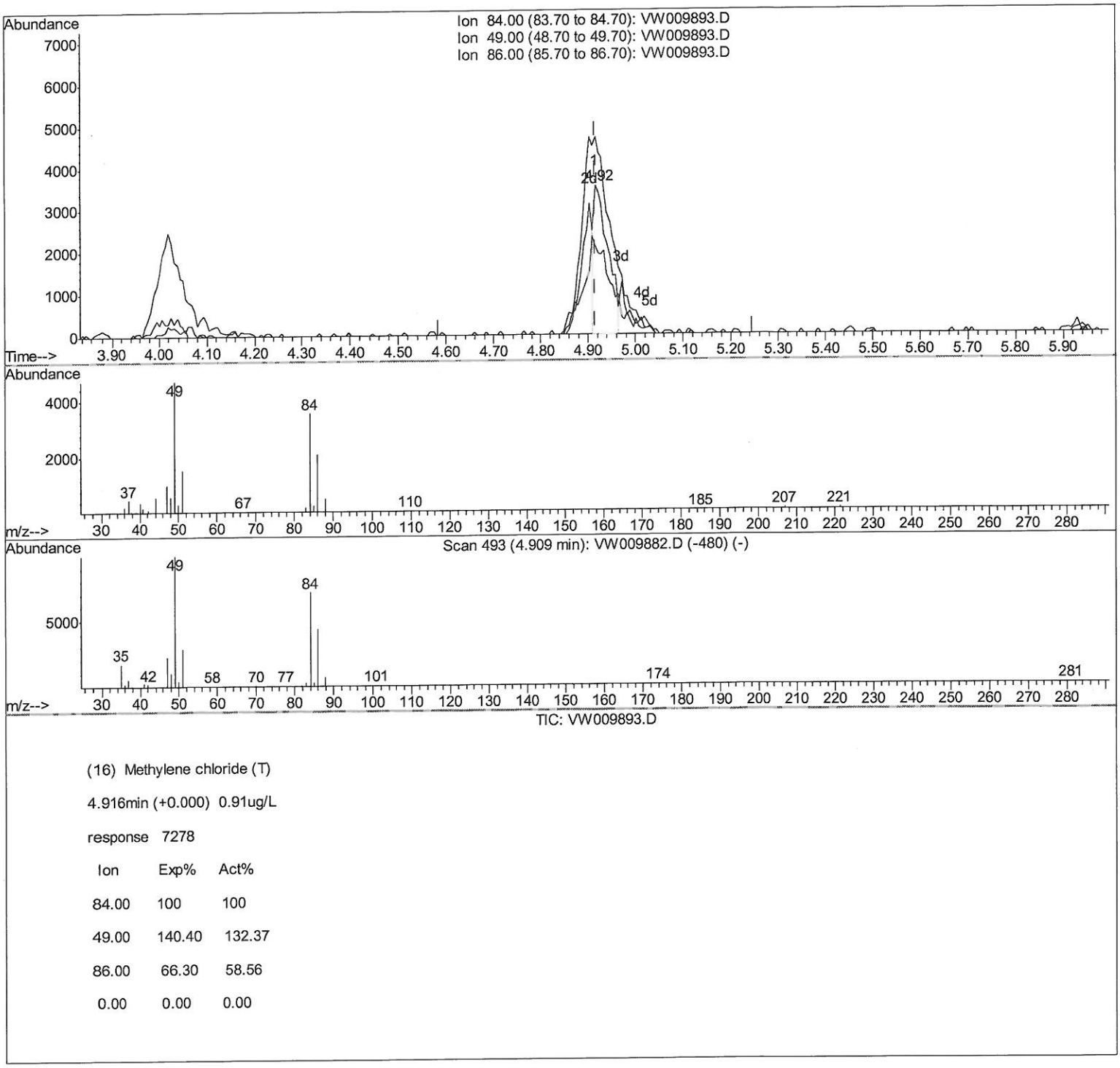
4/15/2019 12:33:18 AM



(16) Methylene chloride (T)

4.916min (+0.000) 0.91ug/L

response 7278

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	132.37
86.00	66.30	58.56
0.00	0.00	0.00

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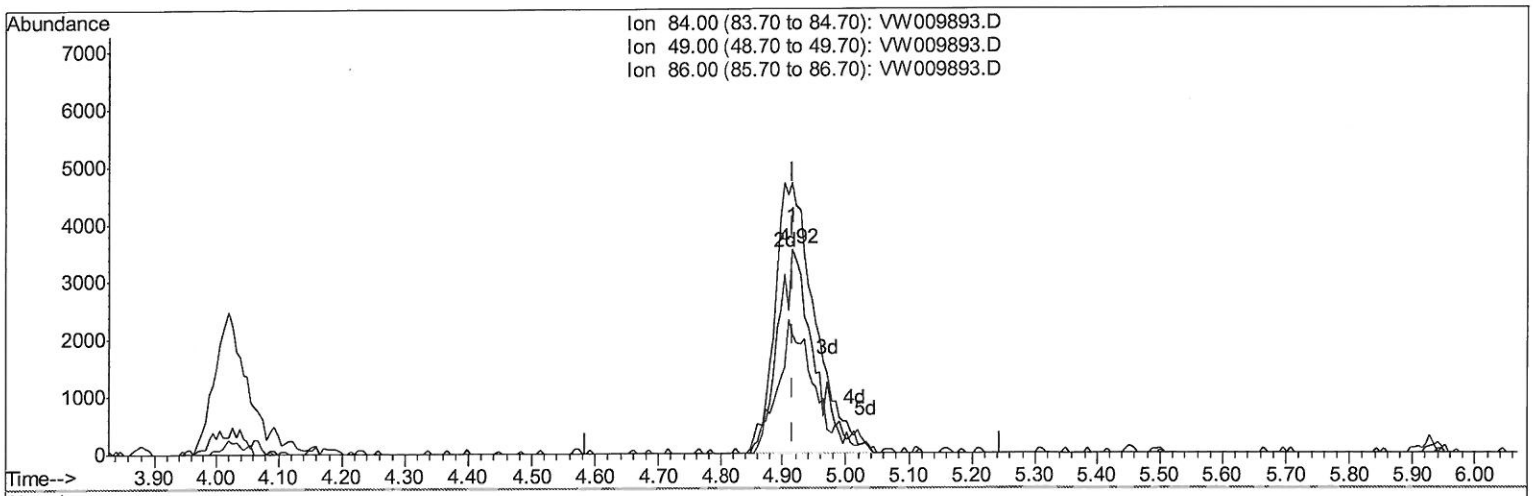
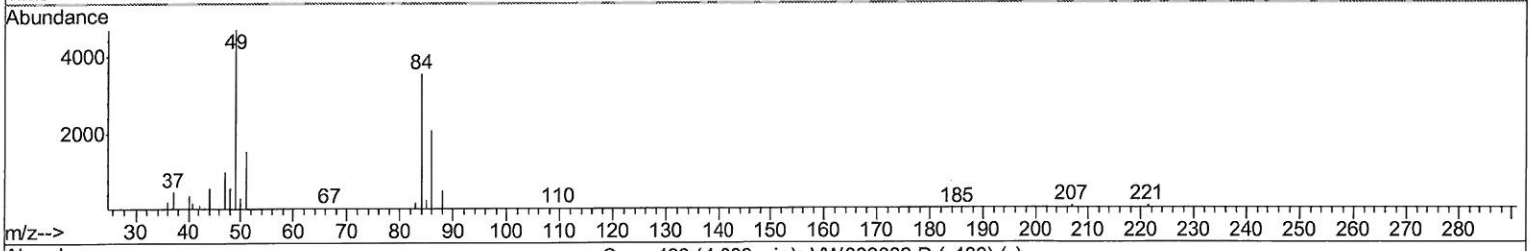
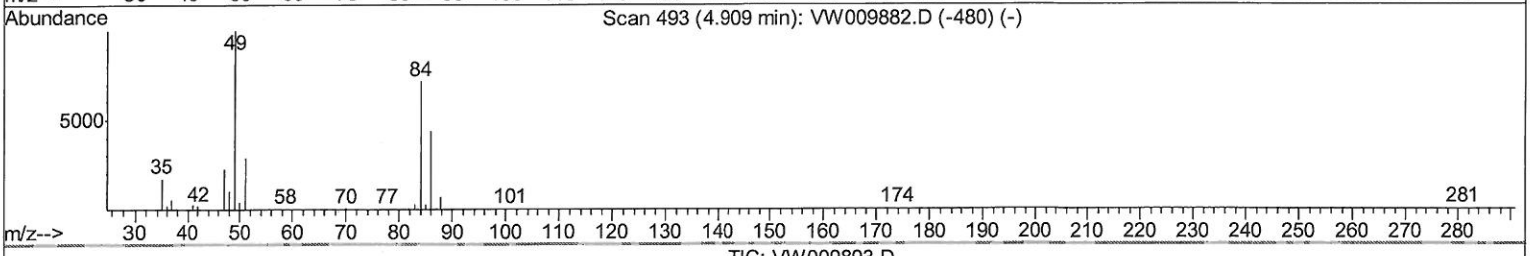
Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:18 AM







TIC: VW009893.D

(16) Methylene chloride (T)

4.916min (+0.000) 1.77ug/L m

response 14146

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	132.37
86.00	66.30	58.56
0.00	0.00	0.00

MD 4/13/19

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF2T0

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191210	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	107869	18.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.56%			
7) Chloroethane-d5	2.89	69	101859	18.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.80%			
10) 1,1-Dichloroethene-d2	4.01	63	220246	17.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.88%			
20) 2-Butanone-d5	7.08	46	97504	50.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.02%			
24) Chloroform-d	7.64	84	309073	24.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.72%			
26) 1,2-Dichloroethane-d4	8.31	65	191997	25.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%			
29) Benzene-d6	8.27	84	550784	23.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.04%			
33) 1,2-Dichloropropane-d6	9.27	67	183534	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.52%			
37) Toluene-d8	10.32	98	470880	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.88%			
38) trans-1,3-Dichloropropene-	10.58	79	72070	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.40%			
39) 2-Hexanone-d5	10.93	63	68272	50.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160342	24.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.32%			
61) 1,2-Dichlorobenzene-d4	13.86	152	180774	26.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.76%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	27524	4.561	ug/L #	1
13) Acetone	4.13	43	7547	3.649	ug/L	69
22) cis-1,2-Dichloroethene	7.17	96	4441	0.662	ug/L	71
42) cis-1,3-Dichloropropene	10.03	75	5812	0.552	ug/L	84
47) Tetrachloroethene	10.86	164	1541492	281.453	ug/L	98

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