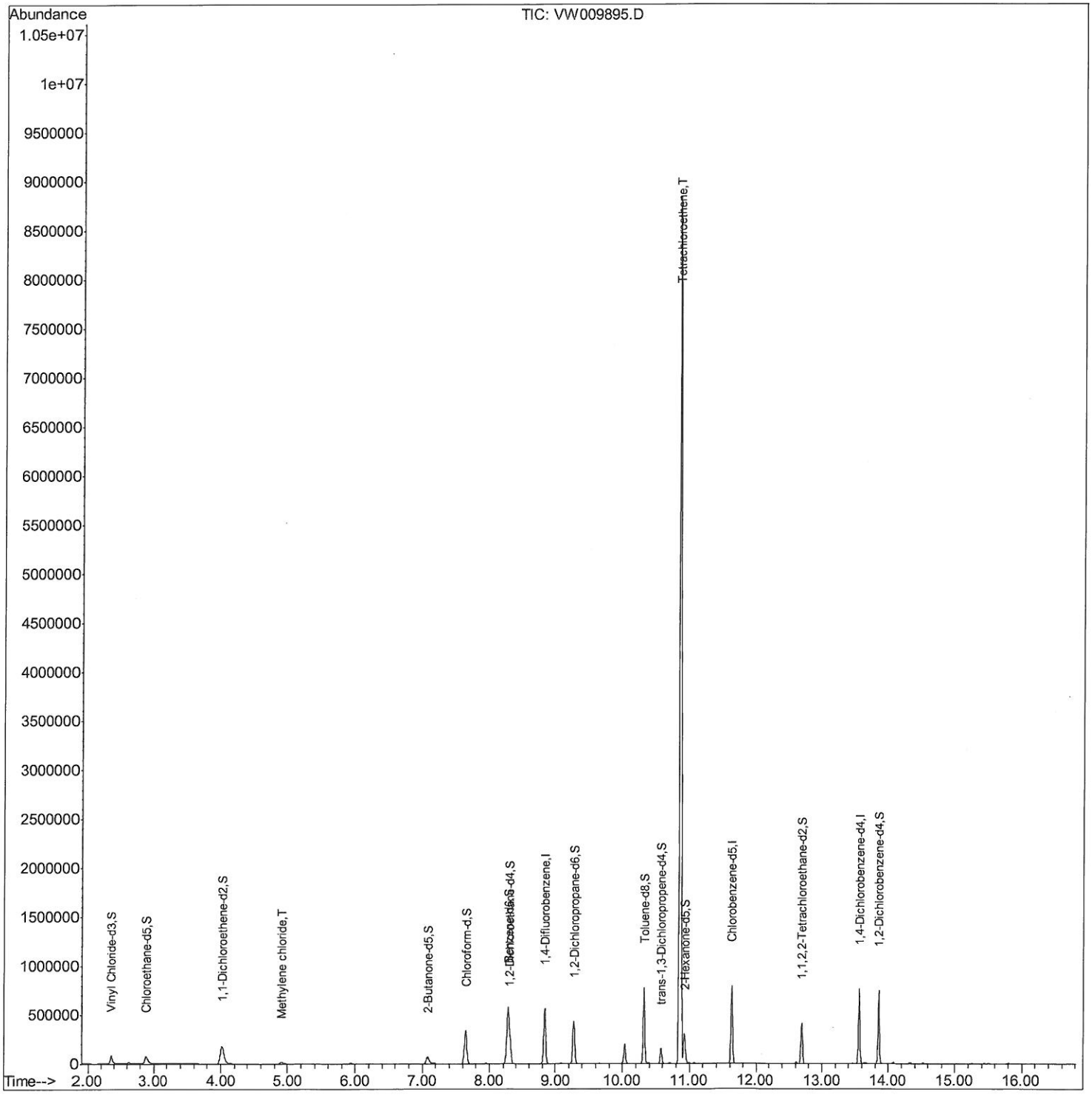
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
Data File : VW009895.D
Acq On : 10 Apr 2019 22:27
Operator : SY/VA
Sample : K2340-20
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 06:02:00 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 :
BF2T2

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:20 AM



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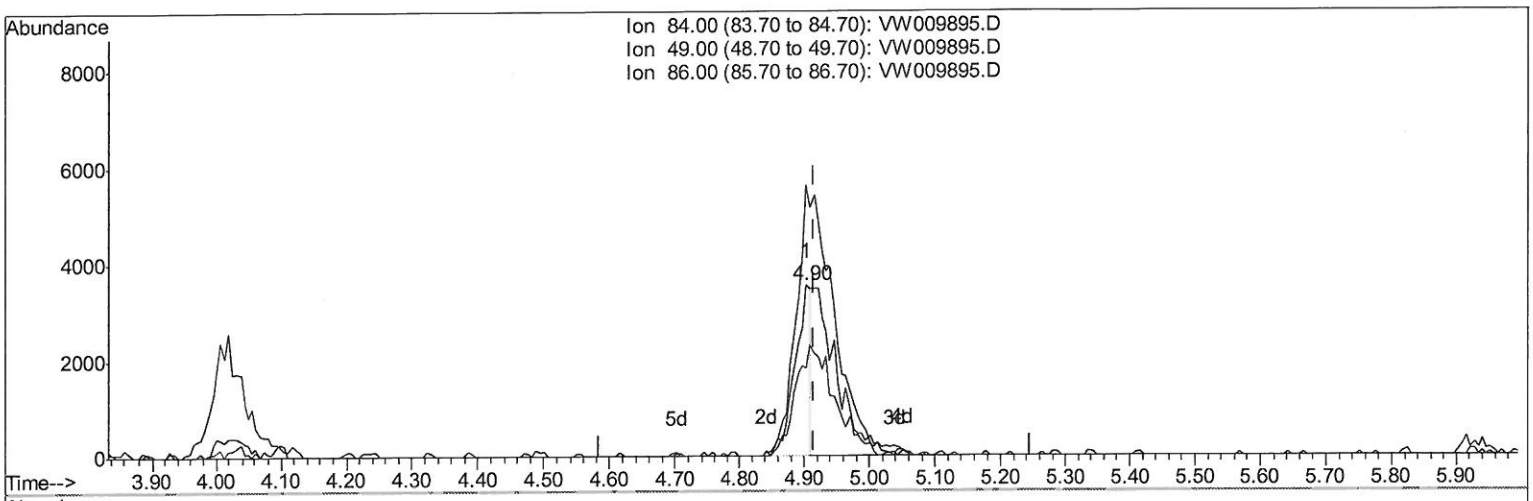

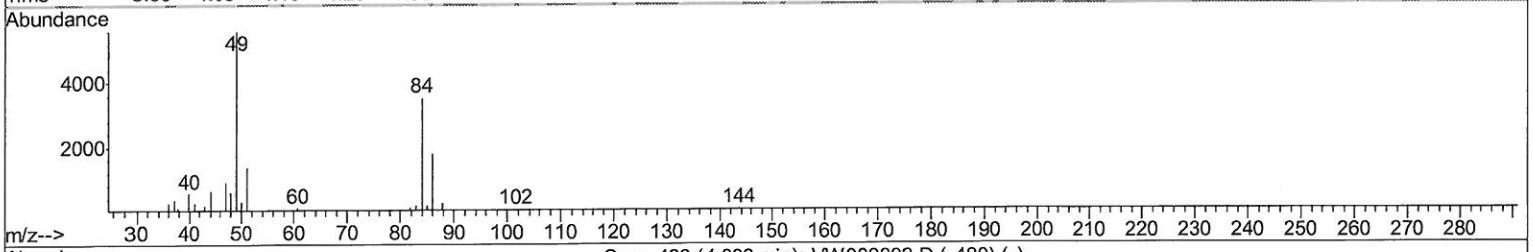

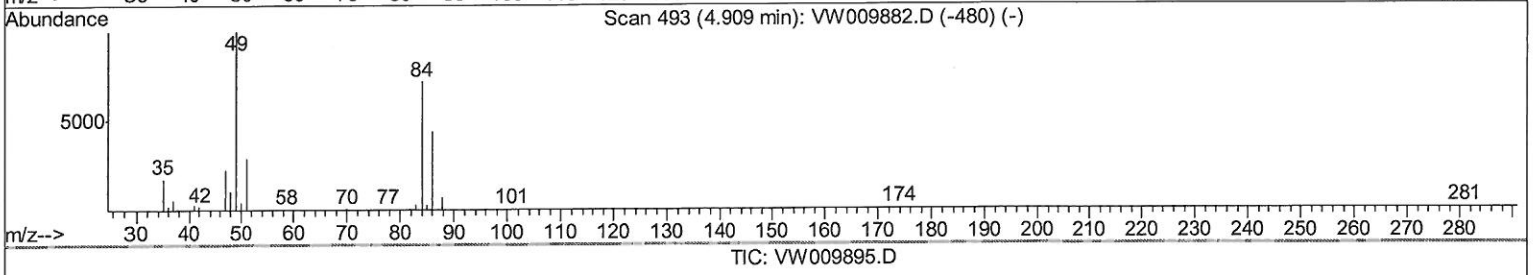

TIC: VW009895.D

(16) Methylene chloride (T)

4.903min (-0.012) 0.81ug/L

response 6078

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	158.70
86.00	66.30	51.54
0.00	0.00	0.00

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ClientSampleId :
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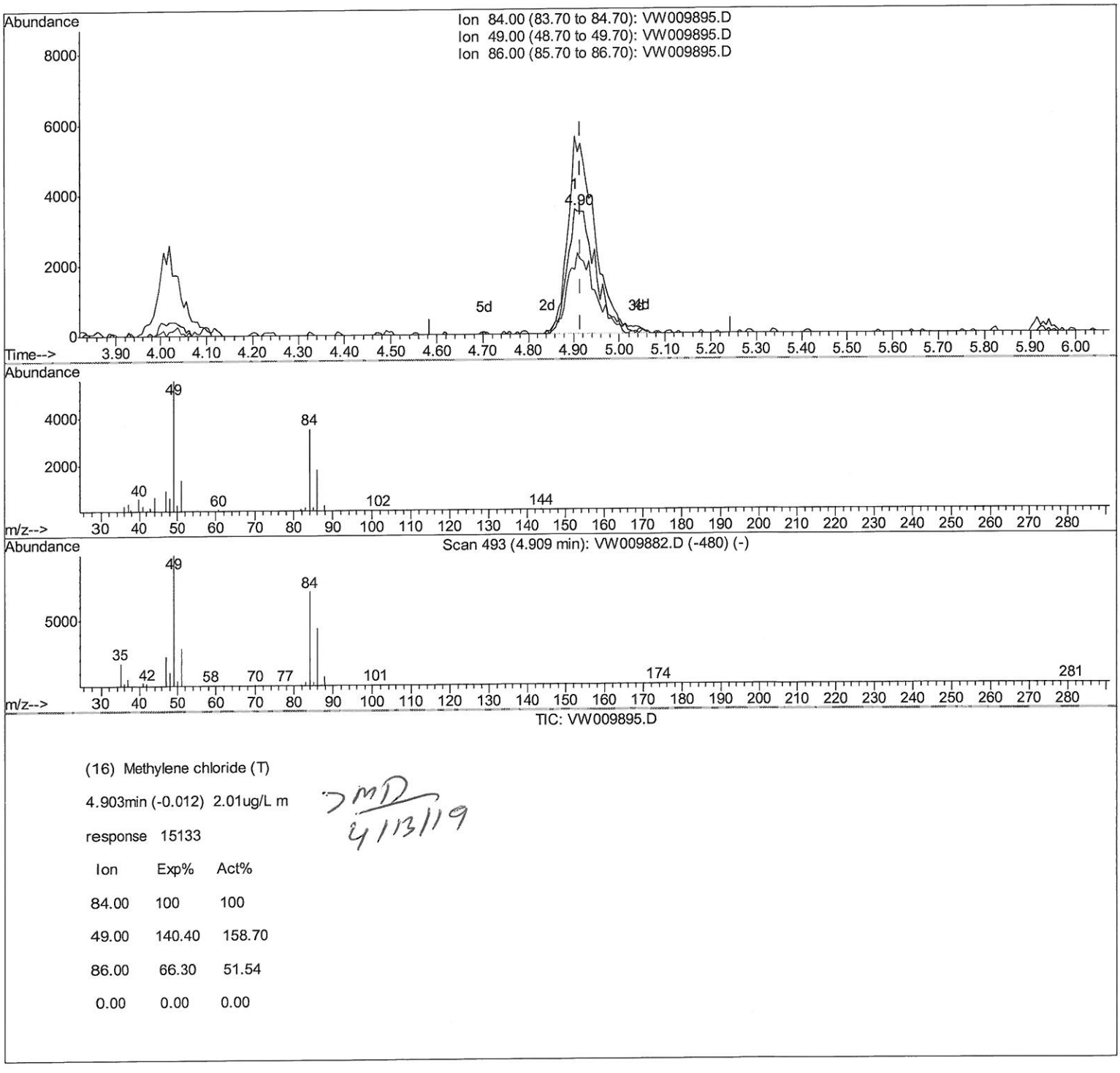
Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:20 AM



TIC: VW009895.D

(16) Methylene chloride (T)

4.903min (-0.012) 2.01ug/L m

response 15133

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	158.70
86.00	66.30	51.54
0.00	0.00	0.00

MD 4/13/19

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Instrument : MSVOA_W
ClientSampleId : BF2T2

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:33:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426040	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175886	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	106144	19.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.16%			
7) Chloroethane-d5	2.89	69	99381	19.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.84%			
10) 1,1-Dichloroethene-d2	4.02	63	220514	18.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.56%			
20) 2-Butanone-d5	7.08	46	121338	67.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.06%			
24) Chloroform-d	7.65	84	311082	26.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.04%			
26) 1,2-Dichloroethane-d4	8.31	65	201079	28.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.68%			
29) Benzene-d6	8.27	84	550024	25.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.76%			
33) 1,2-Dichloropropane-d6	9.27	67	178431	26.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.92%			
37) Toluene-d8	10.32	98	474120	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.80%			
38) trans-1,3-Dichloropropene-	10.58	79	73658	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.40%			
39) 2-Hexanone-d5	10.93	63	84183	67.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.06%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183907	29.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	181844	29.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 117.84%			
Target Compounds						Qvalue
16) Methylene chloride	4.90	84	15133m	2.014	ug/L	
47) Tetrachloroethene	10.86	164	1748849	345.717	ug/L	98

MMD 4/13/19

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