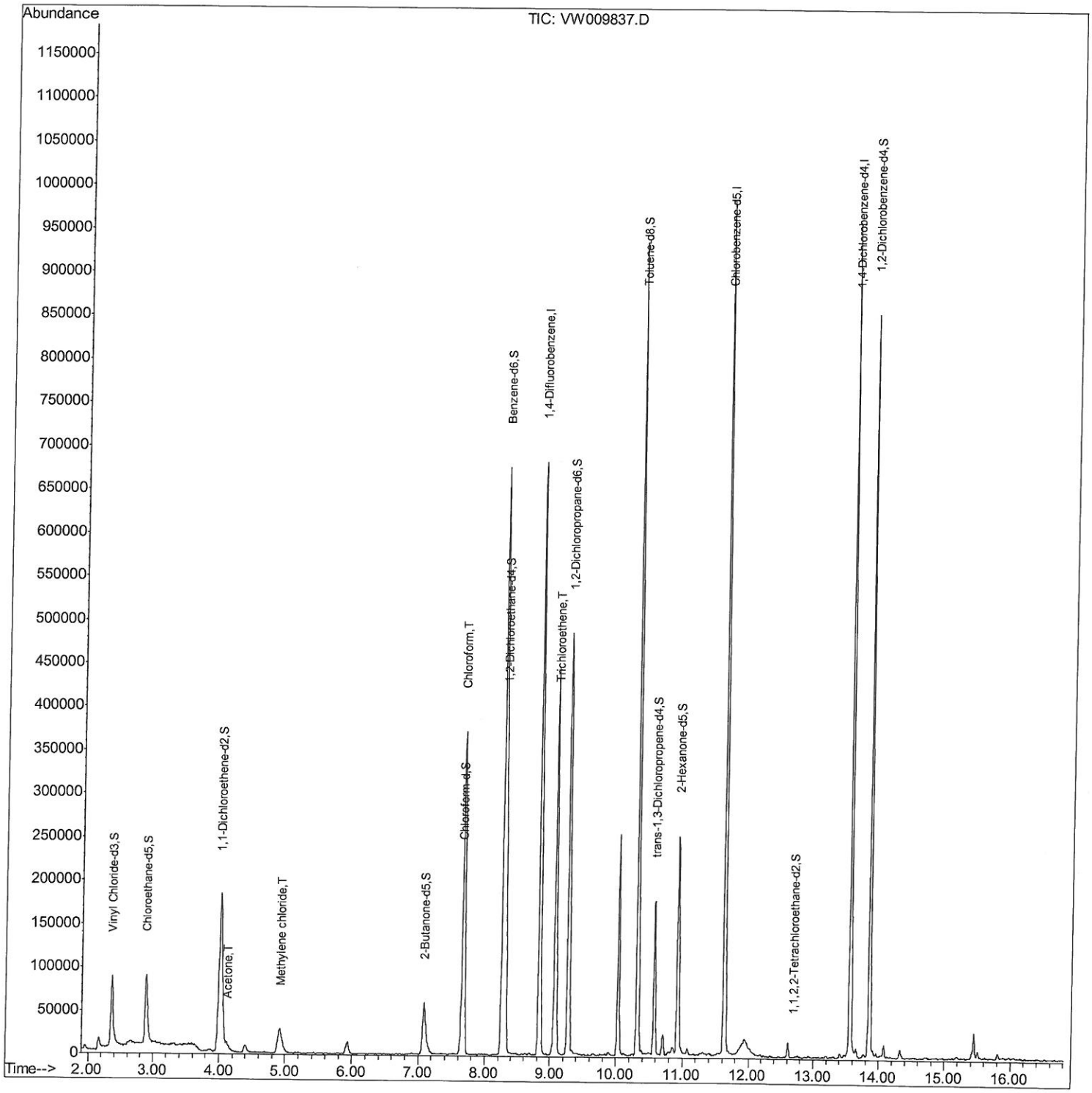
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009837.D
Acq On : 09 Apr 2019 13:18
Operator : SY/VA
Sample : K2255-03
Misc : 4.40G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 04:12:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 00:56:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BFC36

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:04:34 PM



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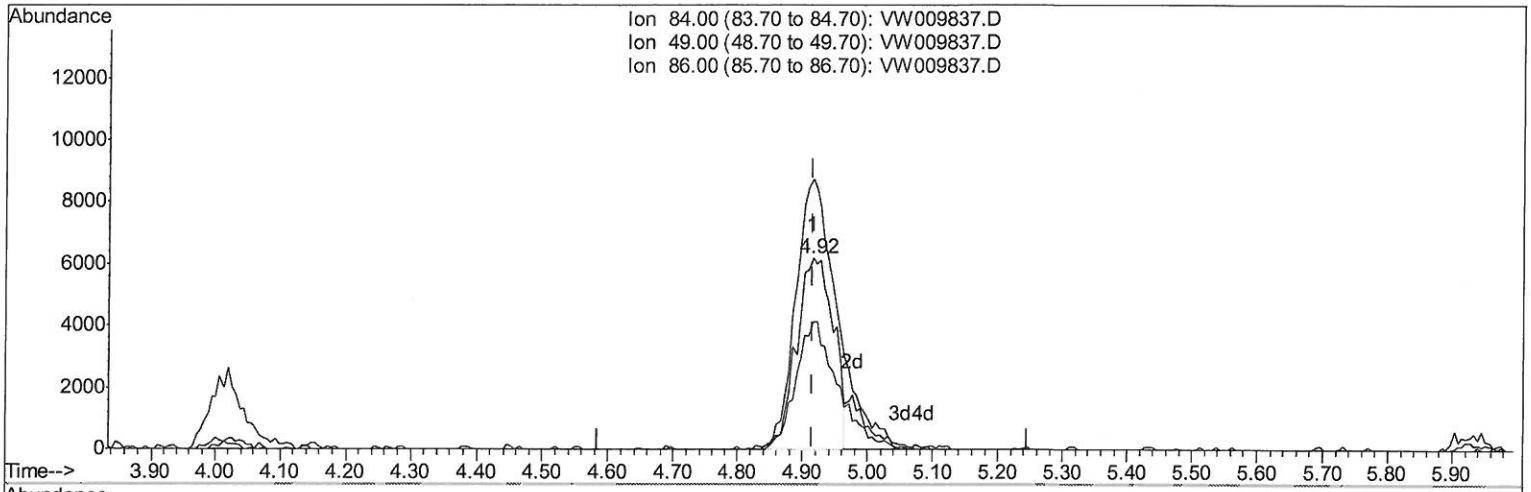

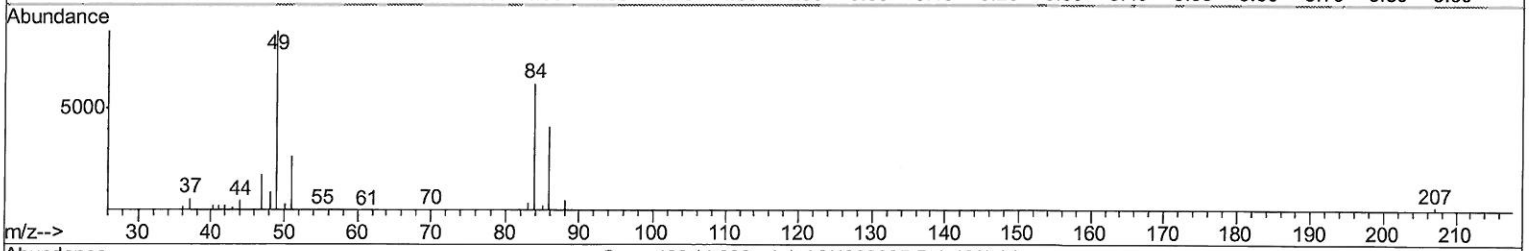

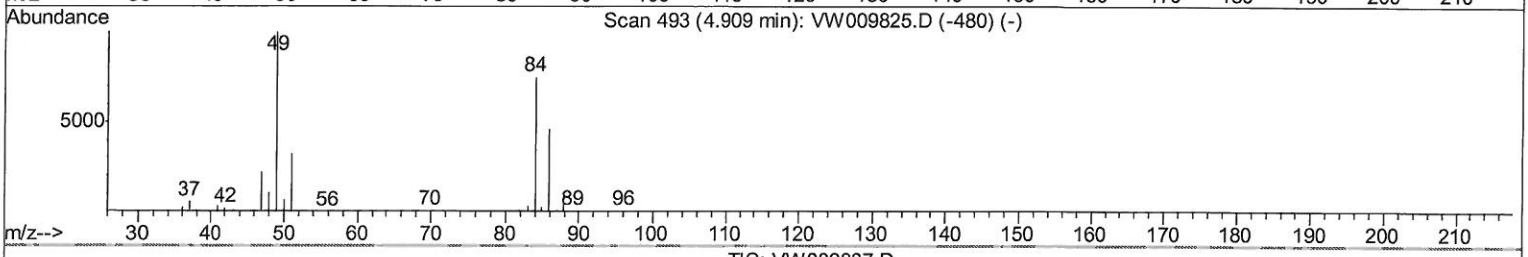

TIC: VW009837.D

(16) Methylene chloride (T)

4.915min (+0.000) 2.70ug/L

response 24565

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	141.08
86.00	66.30	66.67
0.00	0.00	0.00

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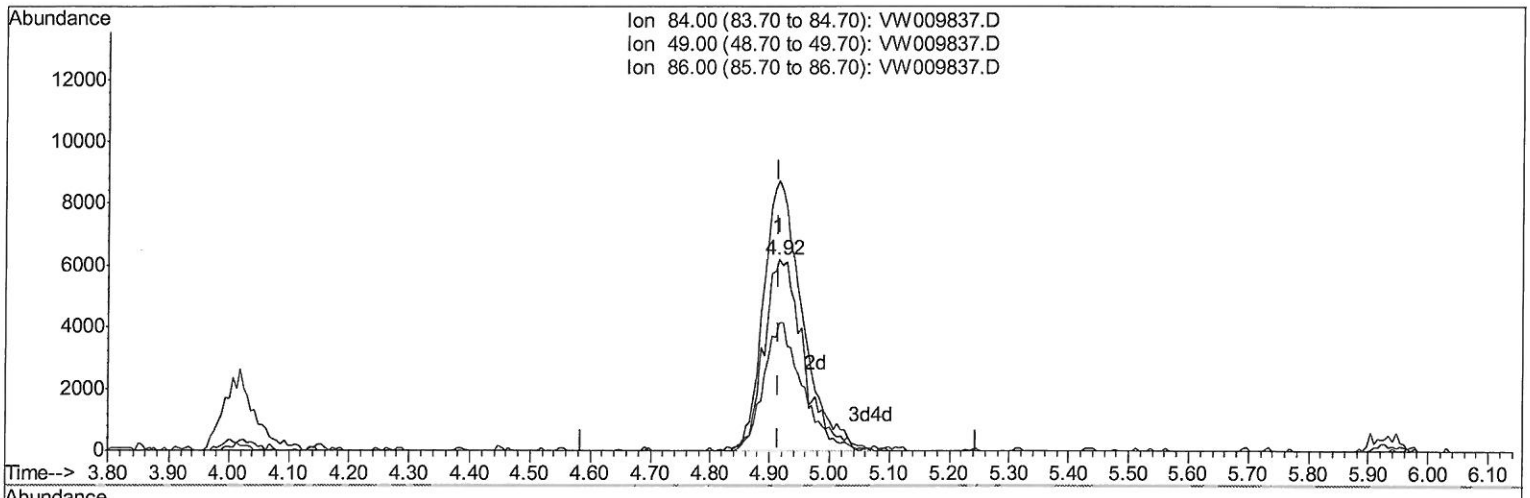

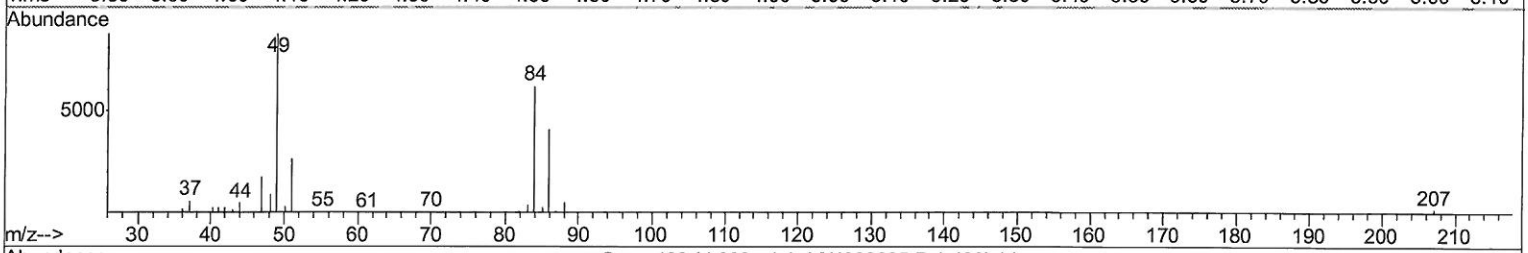

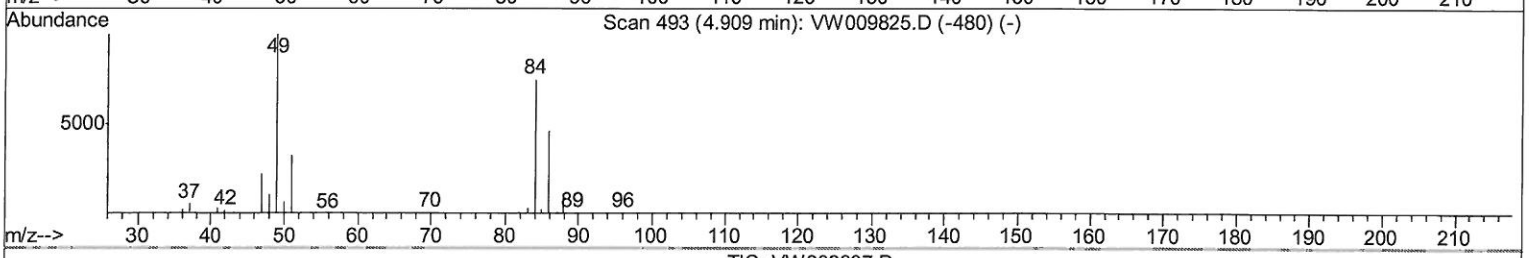

TIC: VW009837.D

(16) Methylene chloride (T)

4.915min (+0.000) 3.10ug/L m

response 28251

> MD
4/11/19

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	141.08
86.00	66.30	66.67
0.00	0.00	0.00

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Manual Integrations APPROVED
MMDadoda
4/11/2019 2:04:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	516717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227436	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	126125	18.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.60%			
7) Chloroethane-d5	2.89	69	122559	19.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.12%			
10) 1,1-Dichloroethene-d2	4.01	63	240824	16.56	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.24%			
20) 2-Butanone-d5	7.08	46	92051	41.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.86%			
24) Chloroform-d	7.65	84	33697	2.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 9.56%#			
26) 1,2-Dichloroethane-d4	8.31	65	227262	26.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.00%			
29) Benzene-d6	8.27	84	637337	23.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.28%			
33) 1,2-Dichloropropane-d6	9.27	67	204374	24.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.92%			
37) Toluene-d8	10.32	98	567101	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.68%			
38) trans-1,3-Dichloropropene-	10.58	79	89337	22.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.68%			
39) 2-Hexanone-d5	10.93	63	52011	33.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.78%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	206	0.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.12%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	210231	26.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.36%			
Target Compounds						Qvalue
13) Acetone	4.12	43	10882	4.626	ug/L	93
16) Methylene chloride	4.92	84	28251m	3.100	ug/L	
25) Chloroform	7.67	83	314439	21.916	ug/L	98
35) Trichloroethene	9.09	95	42395	5.283	ug/L	95

MQ 4/11/19

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