

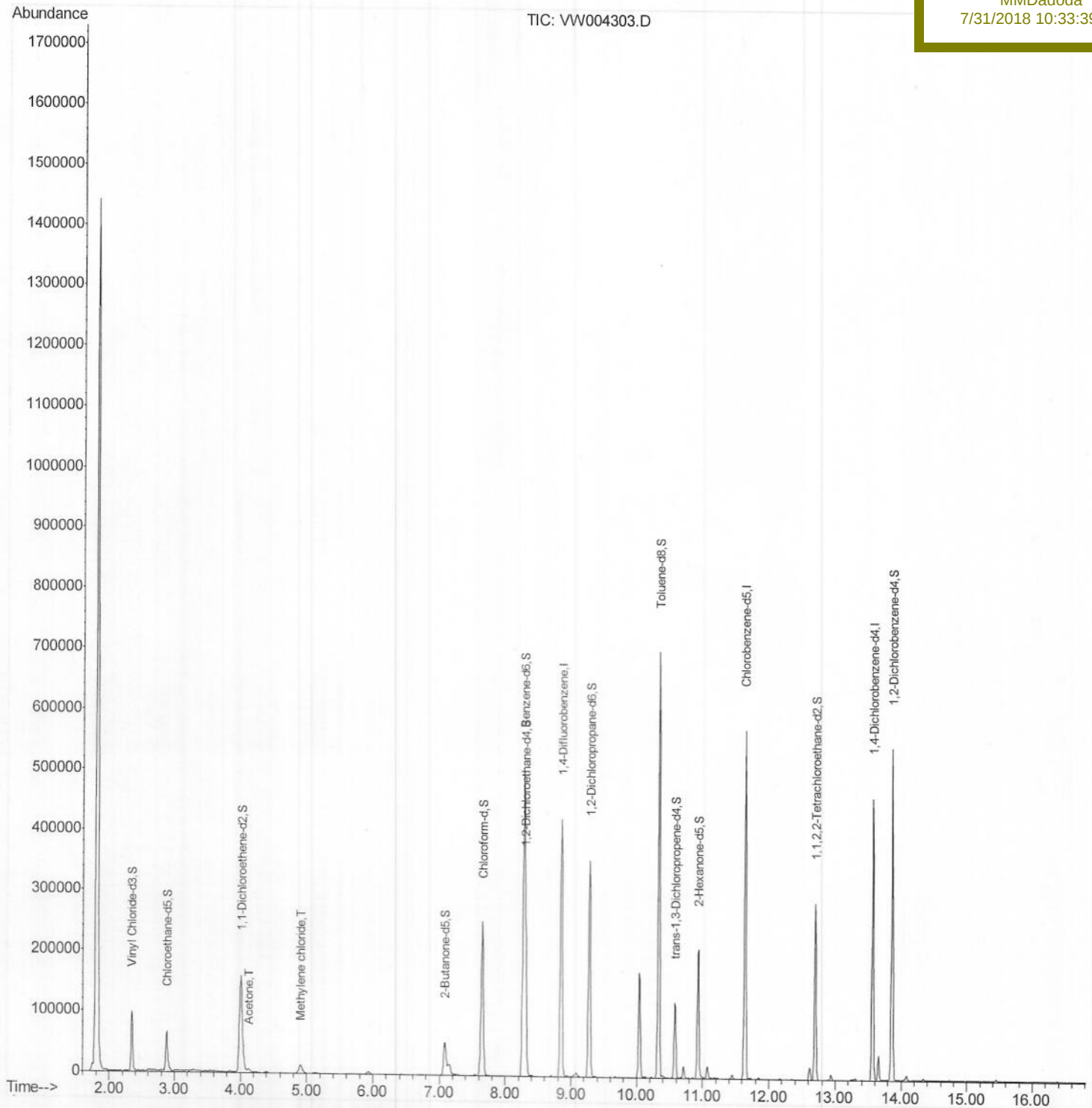
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004303.D
Acq On : 28 Jul 2018 06:08
Operator : SY/AP
Sample : J4204-19
Misc : 4.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:39:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
JJ1K6

Manual Integrations
APPROVED

MMDadoda
7/31/2018 10:33:39 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\

Data File : VW004303.D

Acq On : 28 Jul 2018 06:08

Operator : SY/AP

Sample : J4204-19

Misc : 4.08G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:36:26 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M

Quant Title : VOC Analysis

QLast Update : Sat Jul 28 02:53:40 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

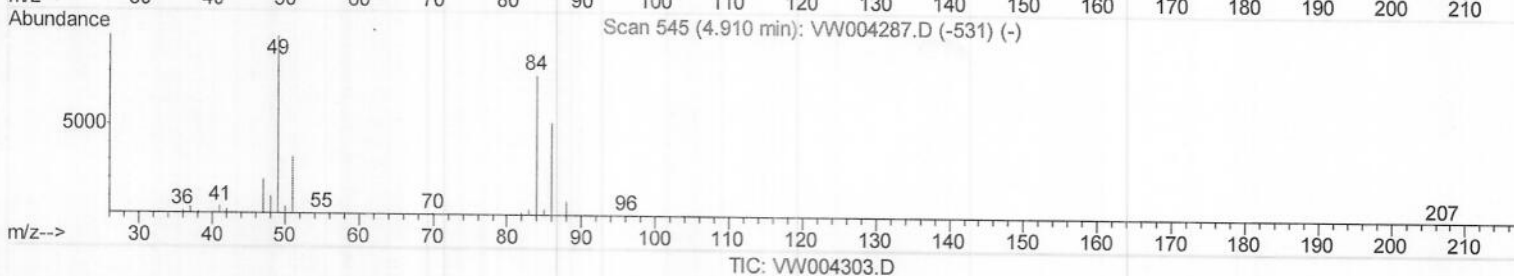
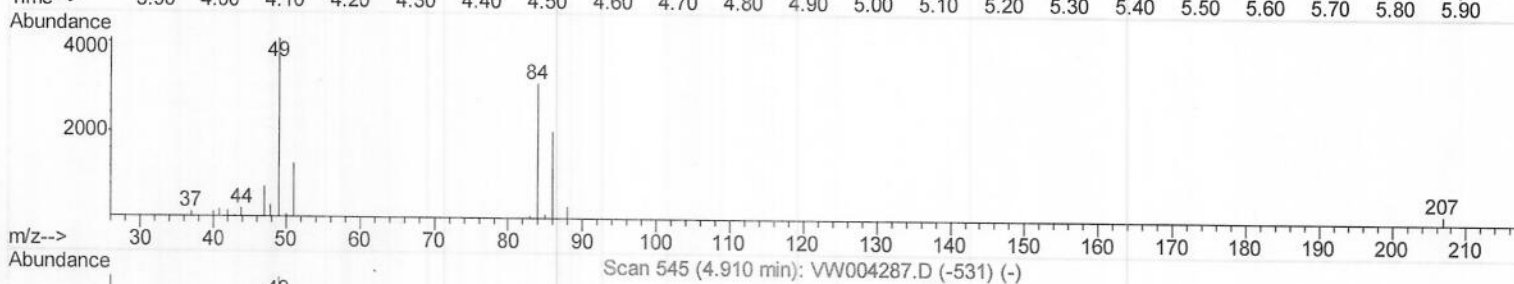
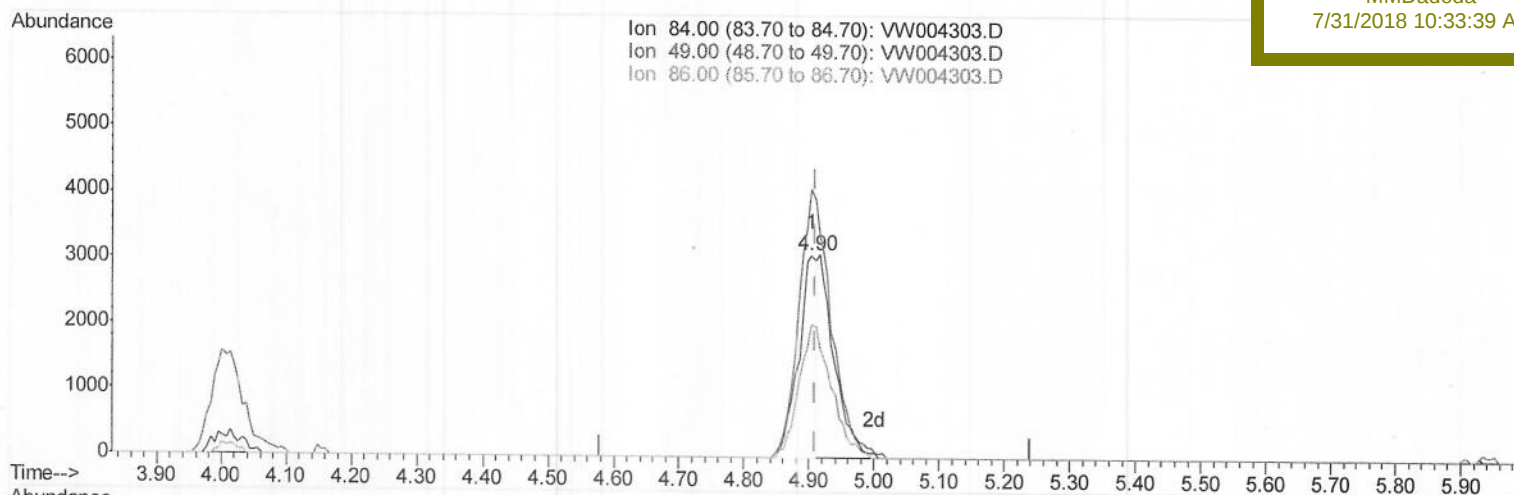
Client Sampled :

JJ1K6

Manual Integrations
APPROVED

MMDadoda

7/31/2018 10:33:39 AM



(16) Methylene chloride (T)

4.904min (-0.006) 1.22ug/L

response 5908

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	132.48
86.00	63.50	65.67
0.00	0.00	0.00

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Misc : 4.08G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:39:52 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M

Quant Title : VOC Analysis

QLast Update : Sat Jul 28 02:53:40 2018

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

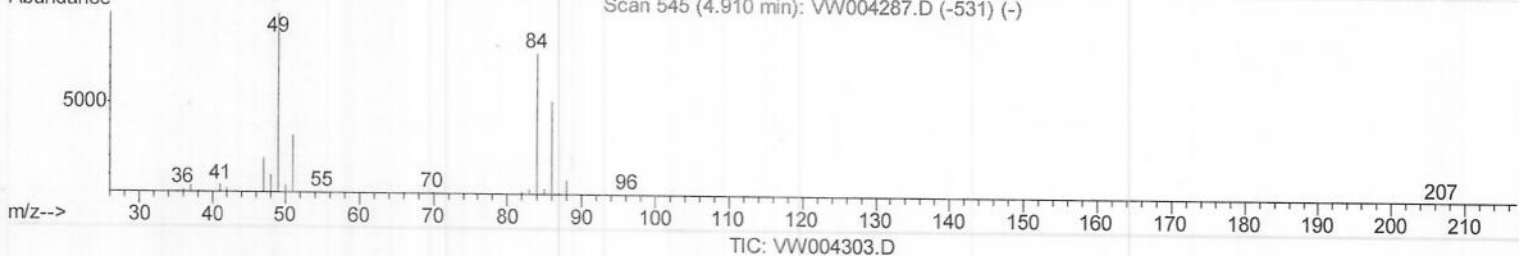
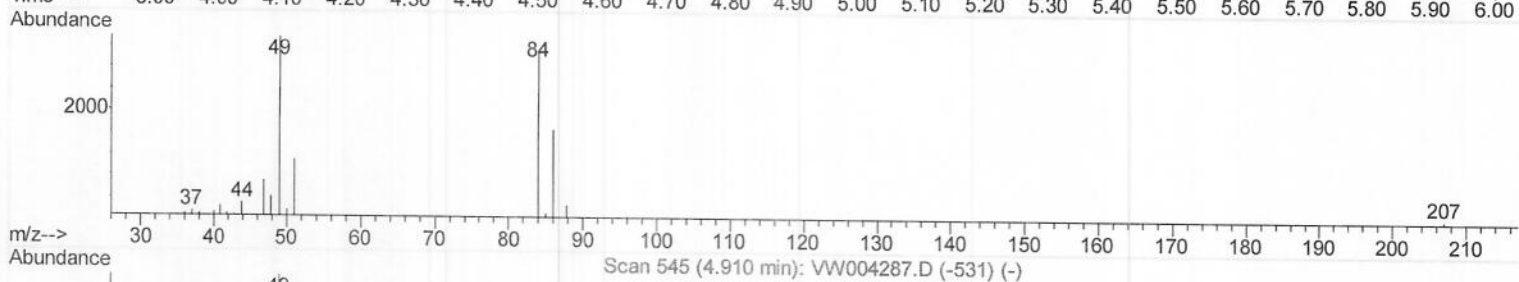
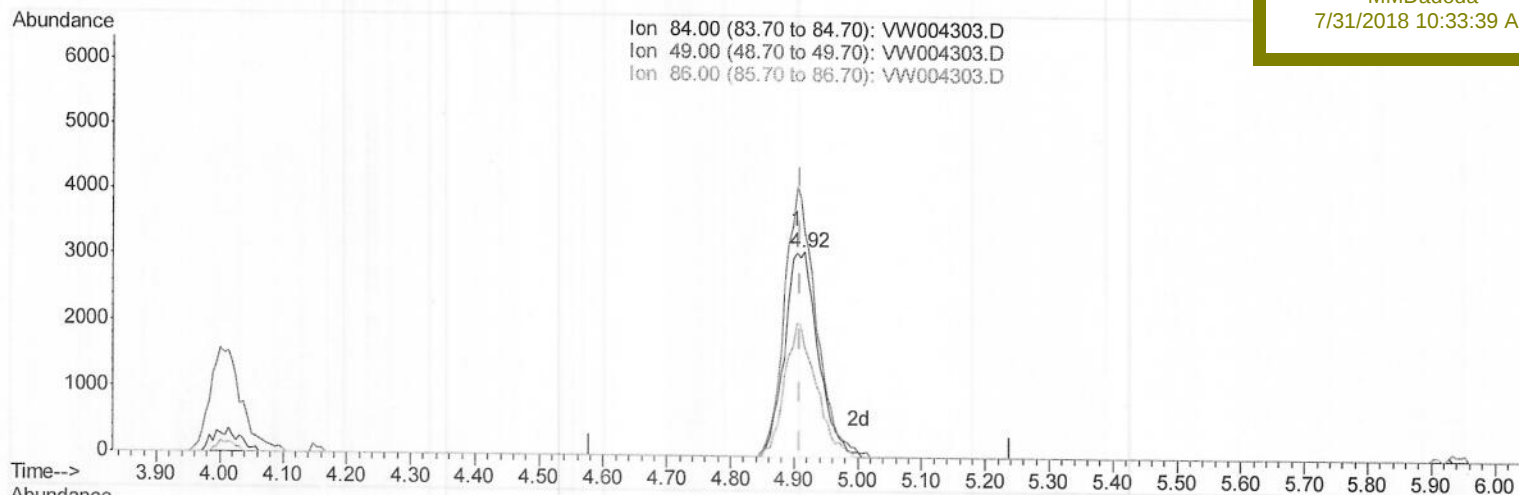
JJ1K6

Manual Integrations

APPROVED

MMDadoda

7/31/2018 10:33:39 AM



(16) Methylene chloride (T)

4.916min (+0.006) 2.35ug/L m) MD 07/31/18

response 11372

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	109.09
86.00	63.50	54.14
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004303.D
 Acq On : 28 Jul 2018 06:08
 Operator : SY/AP
 Sample : J4204-19
 Misc : 4.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 JJ1K6

Quant Time: Jul 28 06:39:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 10:33:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	345033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121269	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	107095	30.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	123.32%		
7) Chloroethane-d5	2.89	69	73496	29.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	116.36%		
10) 1,1-Dichloroethene-d2	4.01	63	190388	22.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.84%		
20) 2-Butanone-d5	7.08	46	89126	45.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.64%		
24) Chloroform-d	7.65	84	257208	29.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	116.48%		
26) 1,2-Dichloroethane-d4	8.31	65	156915	29.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.12%		
29) Benzene-d6	8.27	84	511830	30.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	120.76%		
33) 1,2-Dichloropropane-d6	9.28	67	174329	30.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	123.68%#		
37) Toluene-d8	10.33	98	463532	28.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	115.72%		
38) trans-1,3-Dichloropropene-	10.58	79	66888	26.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.52%		
39) 2-Hexanone-d5	10.93	63	66713	45.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.04%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	145687	25.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.20%		
61) 1,2-Dichlorobenzene-d4	13.86	152	144089	31.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	127.12%#		

Target Compounds

13) Acetone	4.12	43	4393	2.212	ug/L	Qvalue 70
16) Methylene chloride	4.92	84	11372m)	2.351	ug/L	

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

JMD 07/31/18