

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

Data File : VW004295.D

Acq On : 28 Jul 2018 02:41

Operator : SY/AP

Sample : J4204-11

Misc : 5.32G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:04:13 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 :

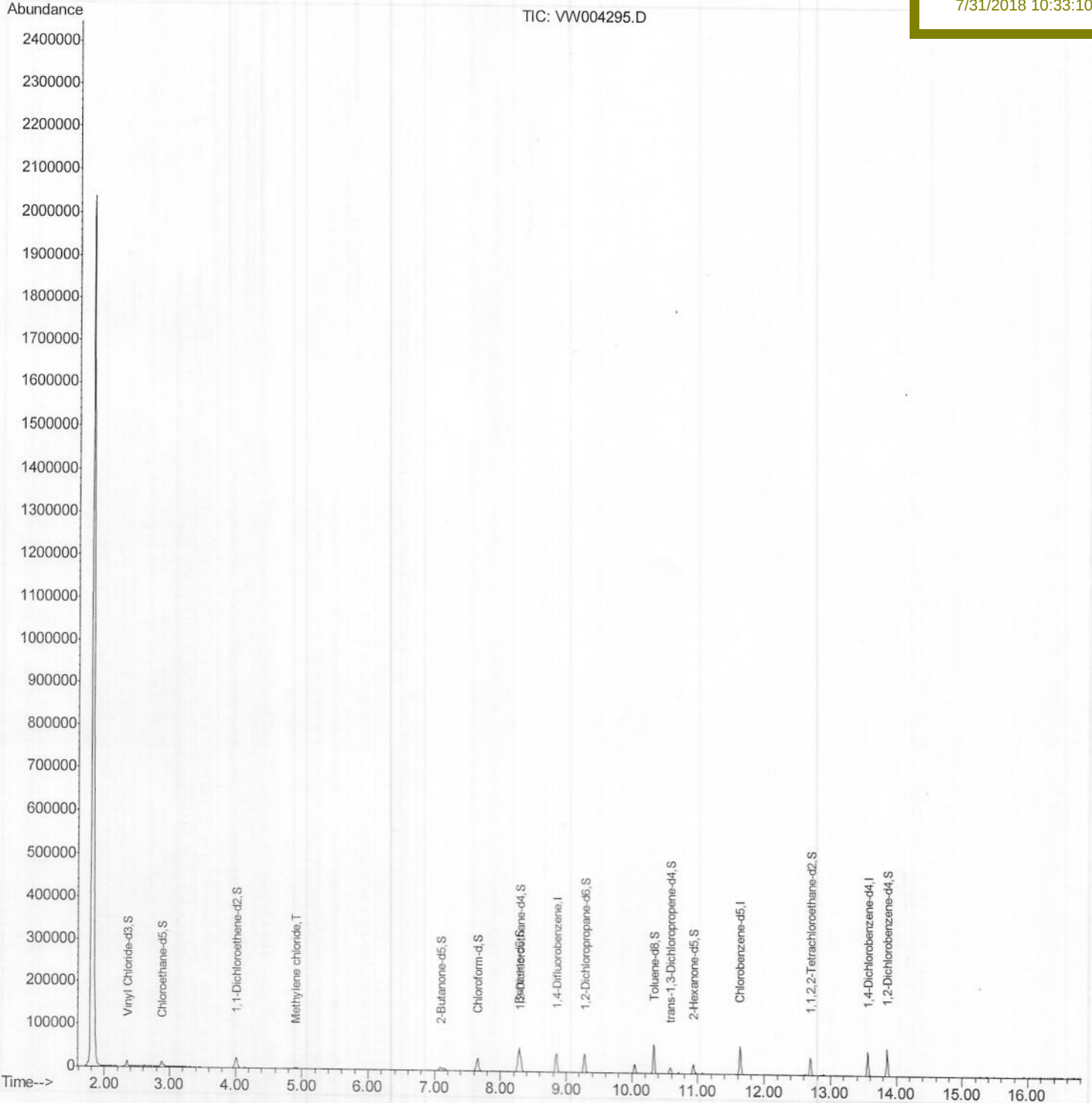
JJ1J8

Manual Integrations

APPROVED

MMDadoda

7/31/2018 10:33:10 AM



SOM2WLM072618S.M Sat Jul 28 04:04:37 2018

Page: 2

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

Data File : VW004295.D

Acq On : 28 Jul 2018 02:41

Operator : SY/AP

Sample : J4204-11

Misc : 5.32G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:03:01 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 :

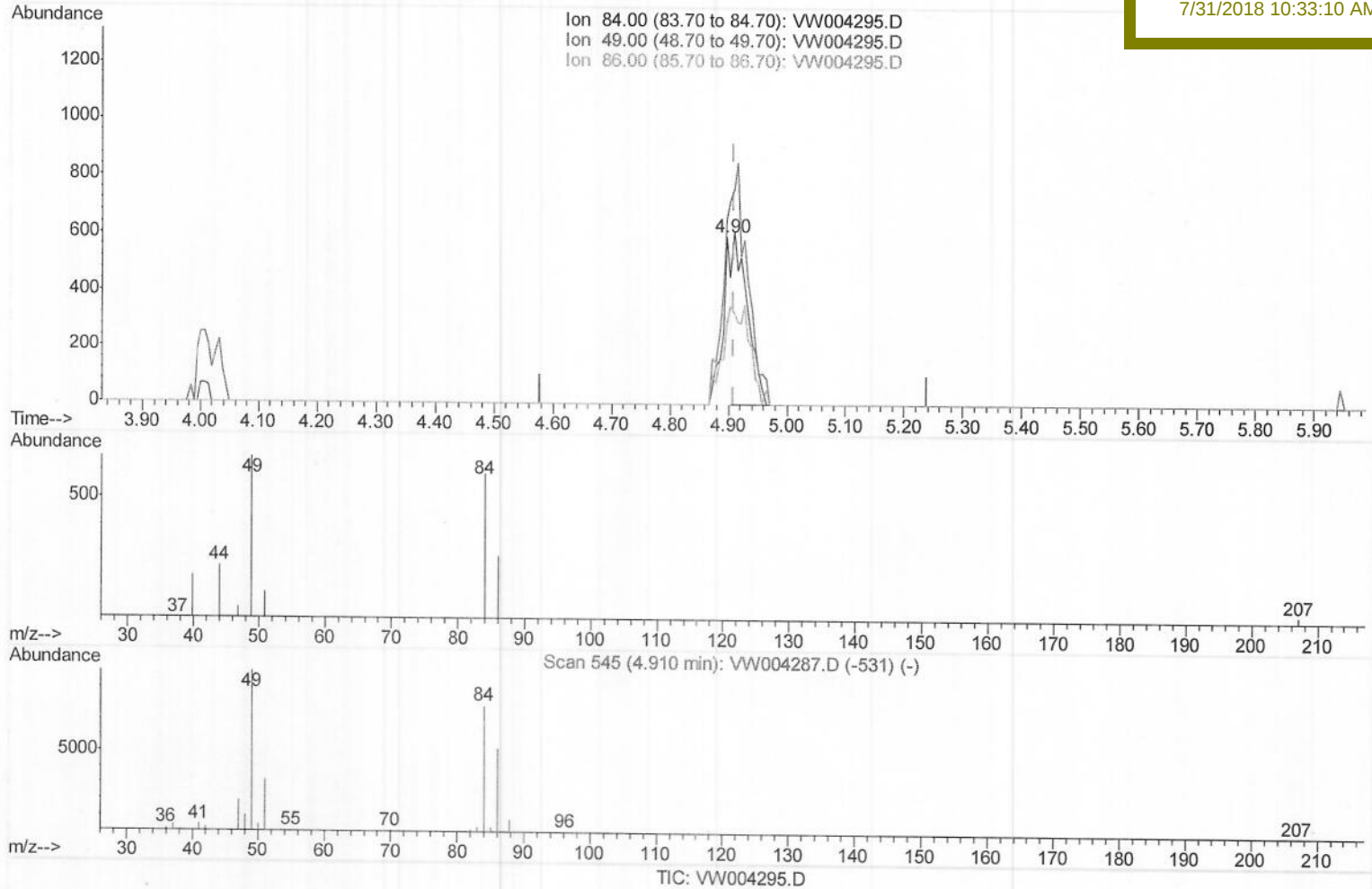
JJ1J8

Manual Integrations

APPROVED

MMDadoda

7/31/2018 10:33:10 AM



(16) Methylene chloride (T)

4.897min (-0.013) 1.21ug/L

response 603

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	110.27
86.00	63.50	48.32
0.00	0.00	0.00

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

Data File : VW004295.D

Acq On : 28 Jul 2018 02:41

Operator : SY/AP

Sample : J4204-11

Misc : 5.32G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 04:03:01 2018

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

Quant Title : VOC Analysis

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

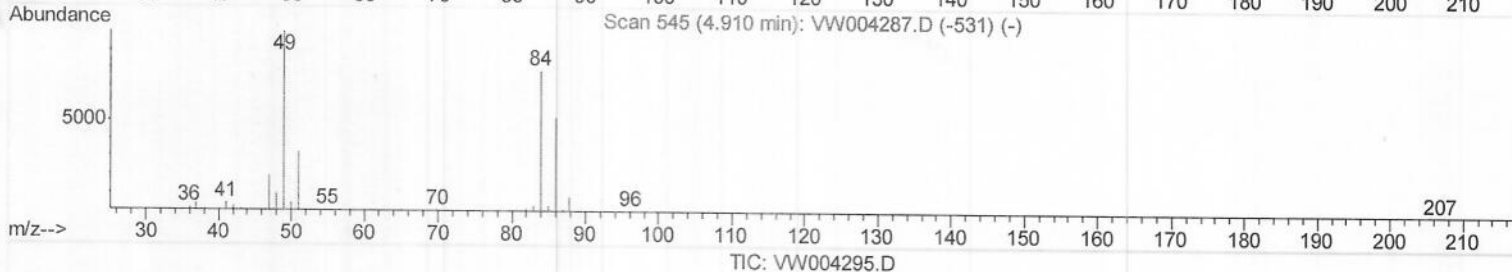
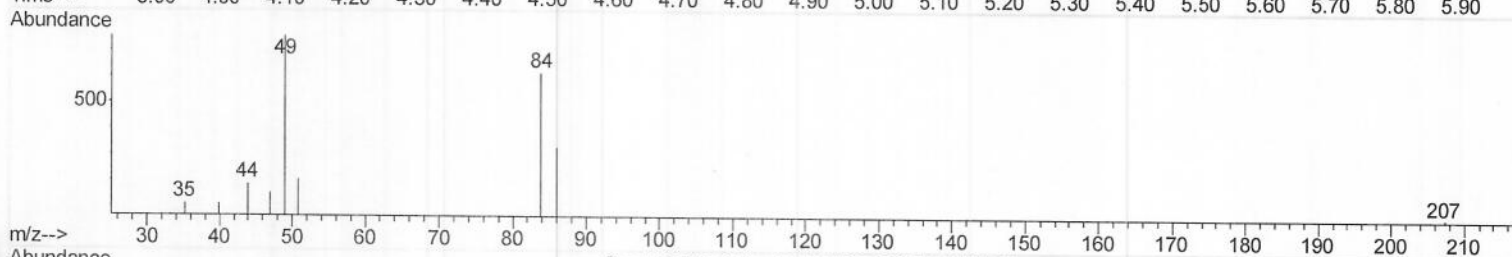
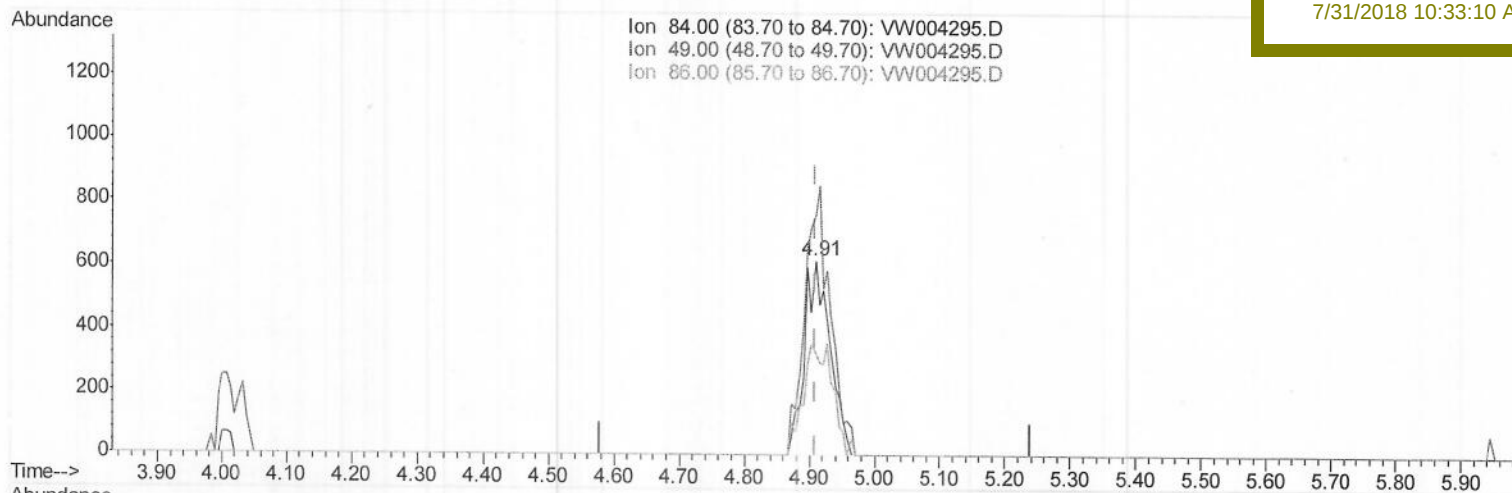
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

JJ1J8

Manual Integrations
APPROVEDMMDadoda
7/31/2018 10:33:10 AM

(16) Methylene chloride (T)

4.909min (-0.000) 3.38ug/L m > mp 07/31/18

response 1682

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	122.85
86.00	63.50	52.84
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004295.D
 Acq On : 28 Jul 2018 02:41
 Operator : SY/AP
 Sample : J4204-11
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 JJ1J8

Quant Time: Jul 28 04:04:13 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 10:33:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	35469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	35278	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	14318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12561	35.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	140.72%		
7) Chloroethane-d5	2.88	69	10752	41.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	165.60%#		
10) 1,1-Dichloroethene-d2	4.01	63	22490	26.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	105.52%		
20) 2-Butanone-d5	7.09	46	11230	55.55	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.10%		
24) Chloroform-d	7.65	84	31313	34.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	137.92%		
26) 1,2-Dichloroethane-d4	8.31	65	20184	36.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	147.80%#		
29) Benzene-d6	8.28	84	55701	29.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	119.16%		
33) 1,2-Dichloropropane-d6	9.28	67	20352	32.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	130.92%#		
37) Toluene-d8	10.33	98	44300	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.28%		
38) trans-1,3-Dichloropropene-	10.58	79	7098	25.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.60%		
39) 2-Hexanone-d5	10.93	63	6480	39.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.30%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	21133	33.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	133.12%#		
61) 1,2-Dichlorobenzene-d4	13.87	152	16261	30.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	121.52%#		

Target Compounds

16) Methylene chloride	4.91	84	1682m)	3.382	ug/L	Qvalue
------------------------	------	----	--------	-------	------	--------

) MD 07/31/18

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