

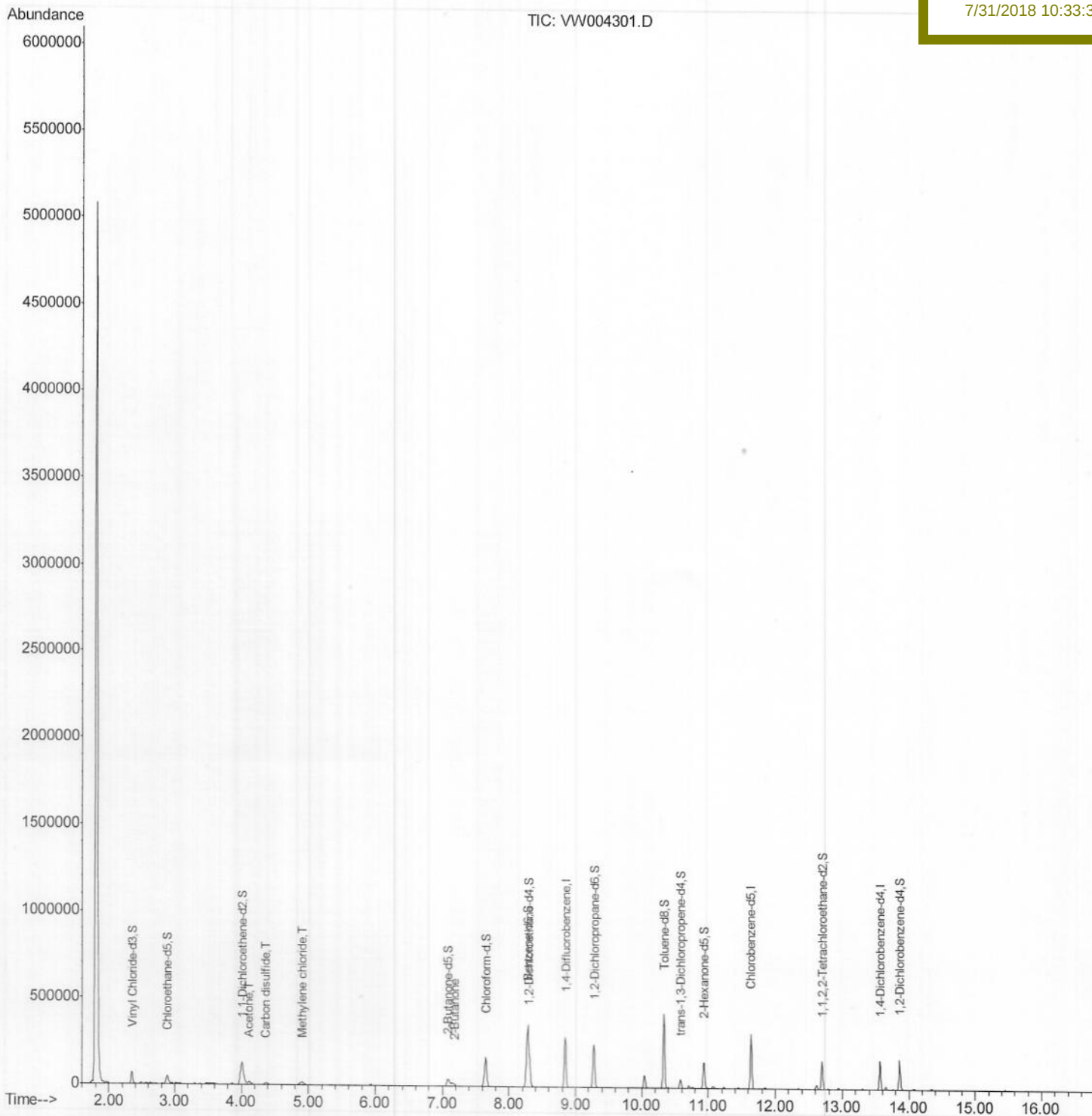
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004301.D
Acq On : 28 Jul 2018 05:16
Operator : SY/AP
Sample : J4204-17
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:29:16 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 :
JJ1K4

Manual Integrations
APPROVED

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



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

Data File : VW004301.D

Acq On : 28 Jul 2018 05:16

Operator : SY/AP

Sample : J4204-17

Misc : 5.39G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:21:12 2018

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

Quant Title : VOC Analysis

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Instrument :

MSVOA_W

ClientSampled :

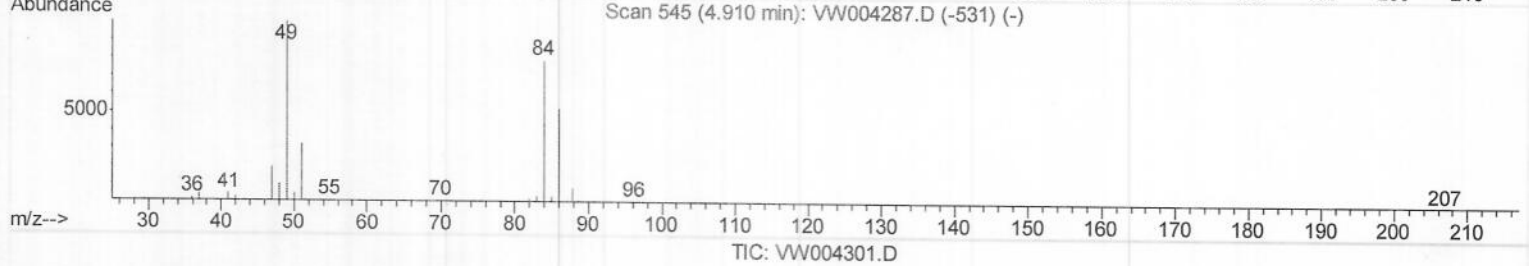
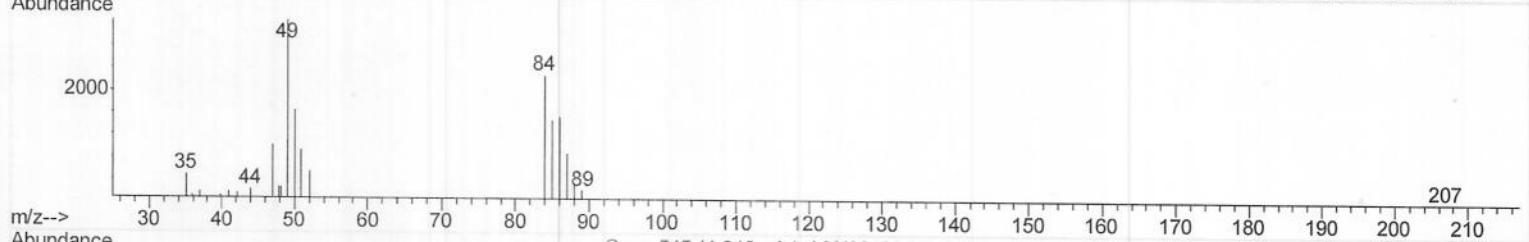
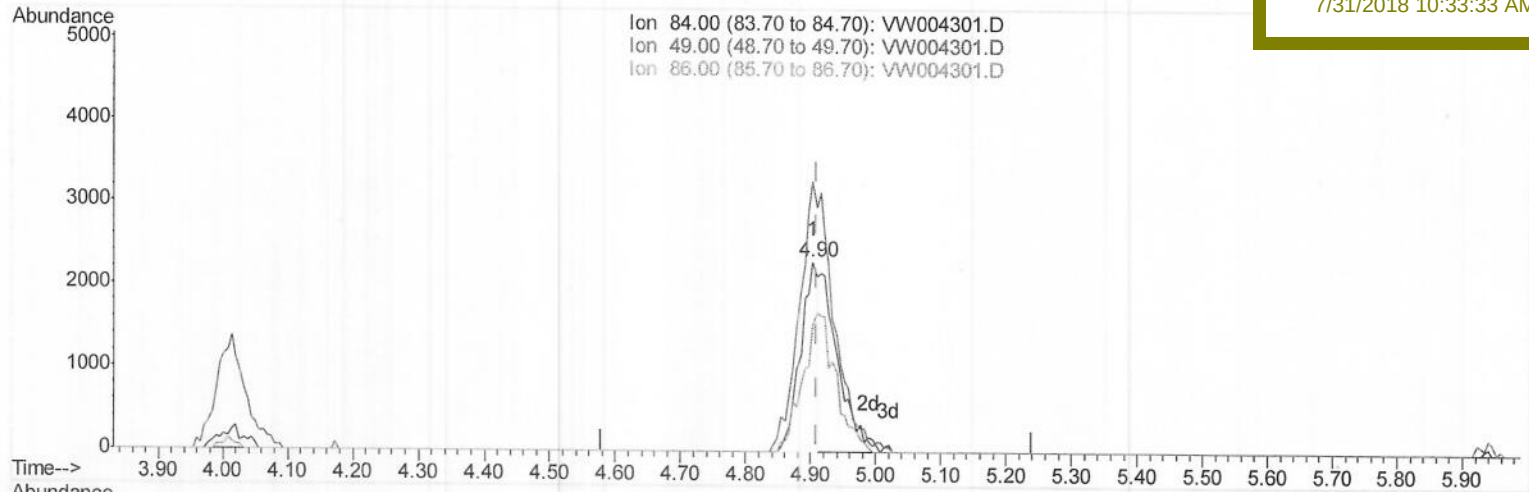
JJ1K4

Manual Integrations

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7/31/2018 10:33:33 AM



(16) Methylene chloride (T)

4.904min (-0.006) 1.24ug/L

response 4184

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	142.81
86.00	63.50	67.19
0.00	0.00	0.00

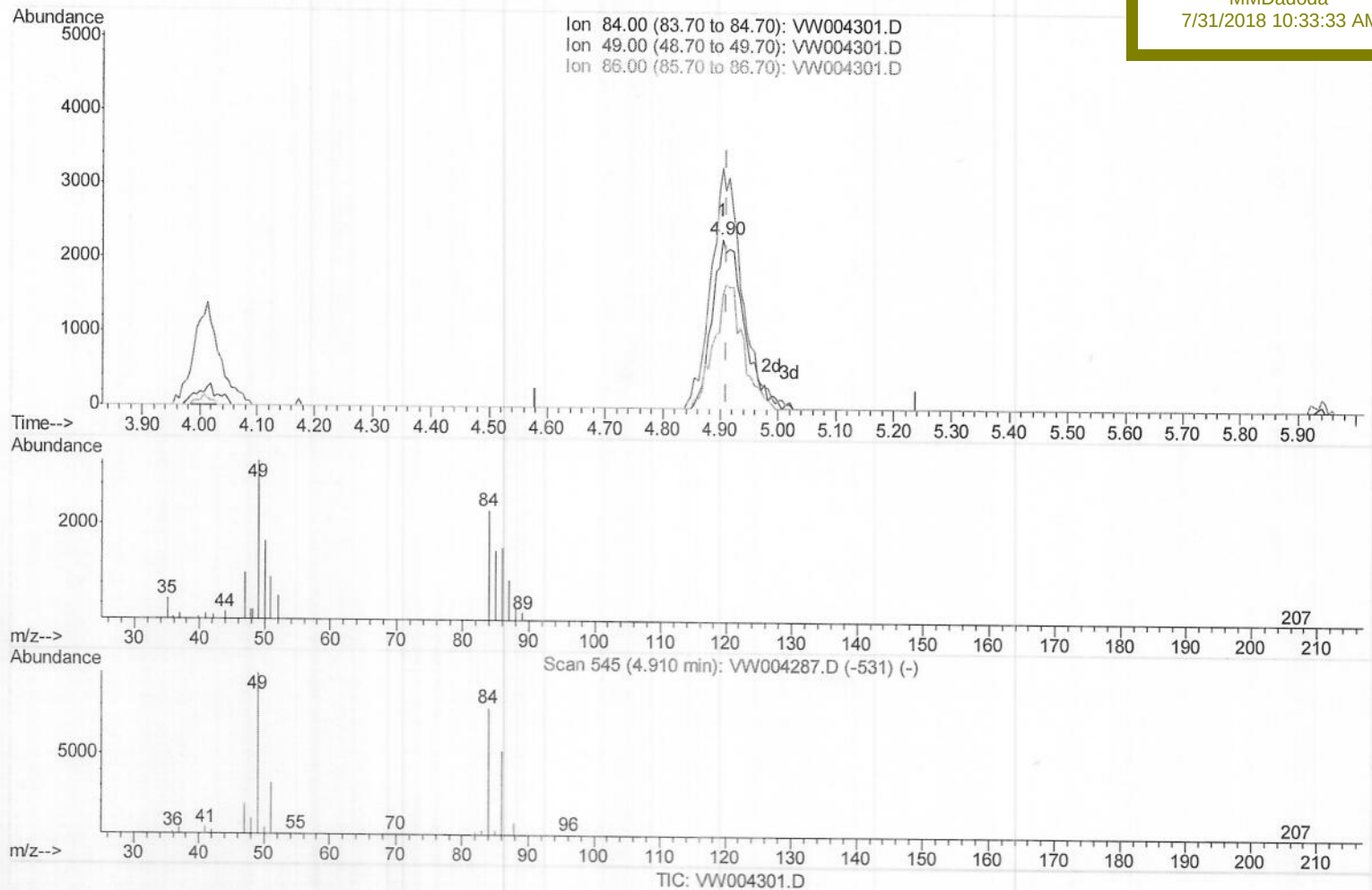
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MMDadoda
 7/31/2018 10:33:33 AM



(16) Methylene chloride (T)

4.904min (-0.006) 2.57ug/L m) M07/31/18

response 8672

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	142.81
86.00	63.50	67.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis

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

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

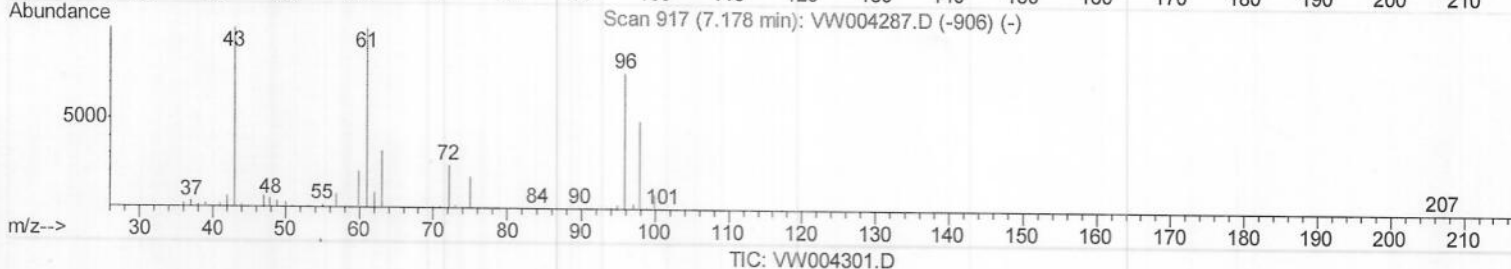
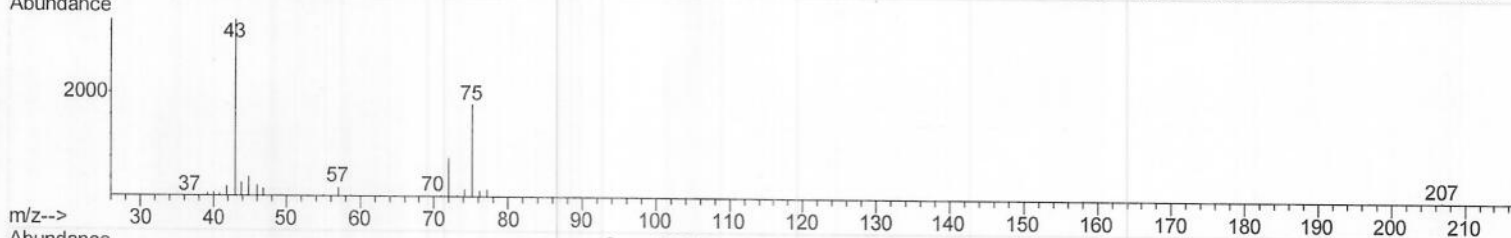
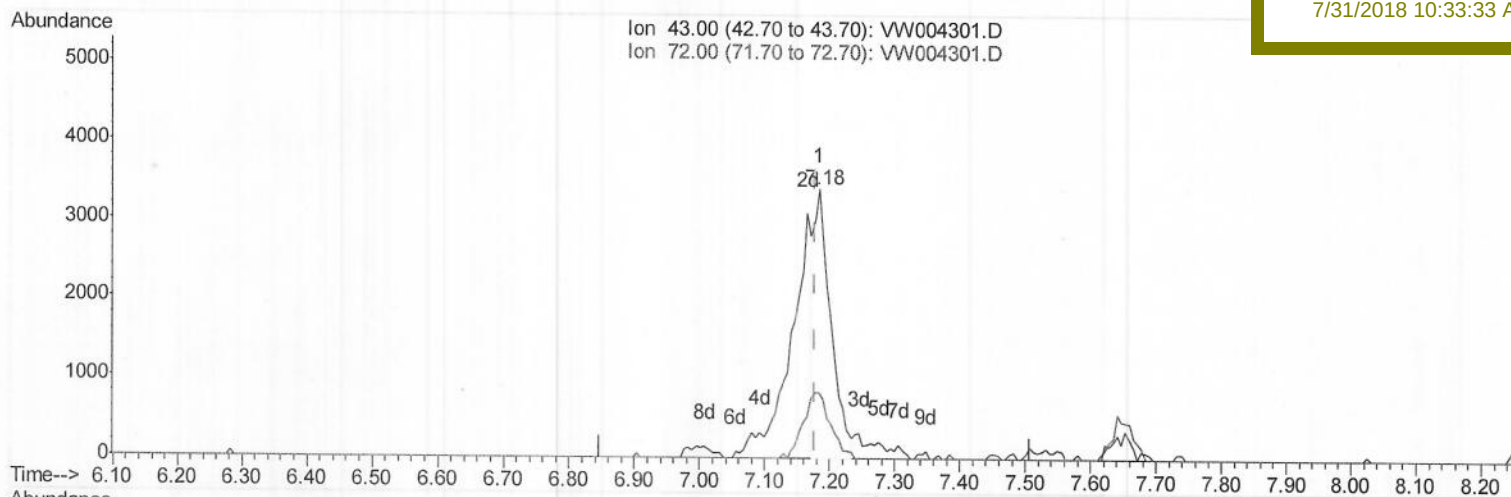
JJ1K4

Manual Integrations

APPROVED

MMDadoda

7/31/2018 10:33:33 AM



(21) 2-Butanone

7.184min (+0.006) 3.40ug/L

response 5935

Ion	Exp%	Act%
43.00	100	100
72.00	24.60	38.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : VW004301.D

Acq On : 28 Jul 2018 05:16

Operator : SY/AP

Sample : J4204-17

Misc : 5.39G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 06:21:12 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 :

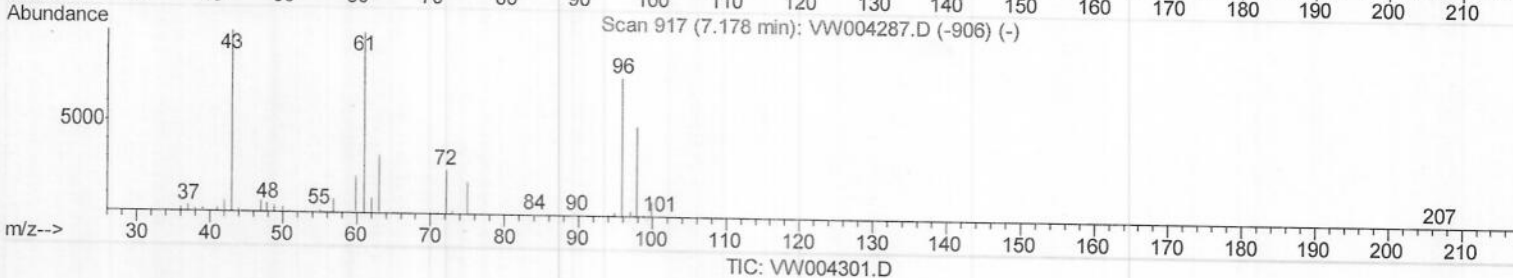
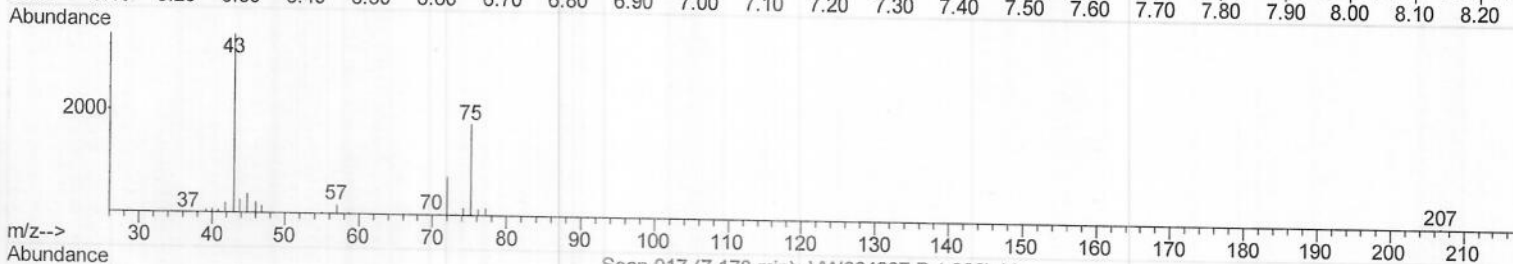
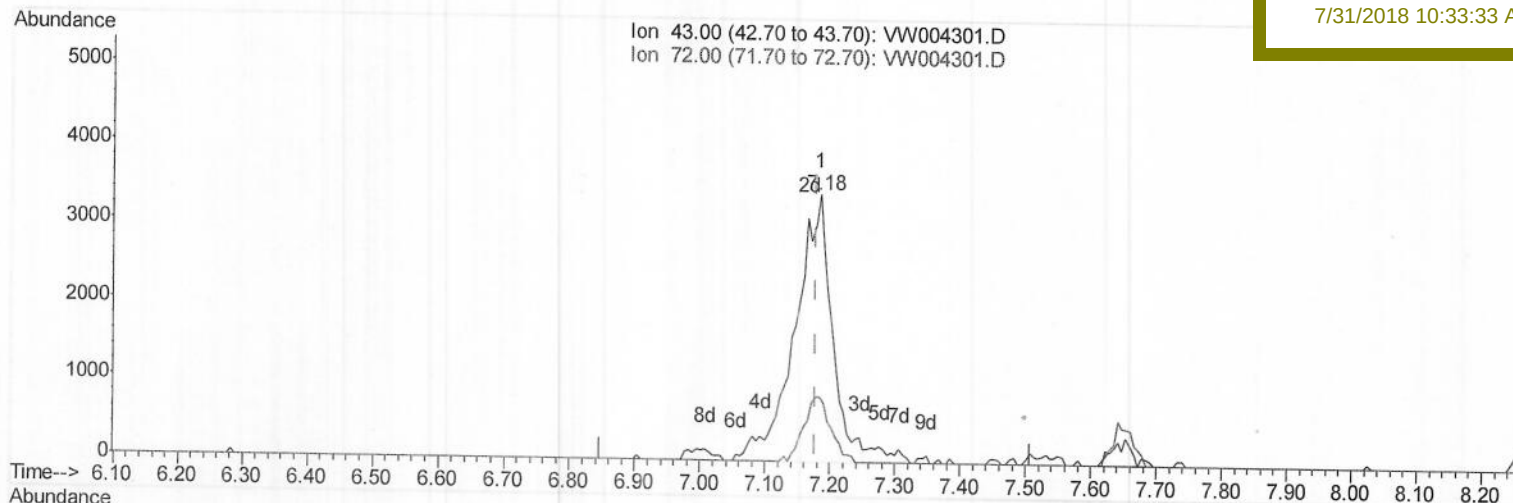
JJ1K4

Manual Integrations

APPROVED

MMDadoda

7/31/2018 10:33:33 AM



(21) 2-Butanone

7.184min (+0.006) 7.64ug/L m > M07/31/18

response 13316

Ion	Exp%	Act%
43.00	100	100
72.00	24.60	16.95
0.00	0.00	0.00
0.00	0.00	0.00

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 Client Sampled :
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Manual Integrations
 APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.85	114	240298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	171460	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	72283	29.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.52%		
7) Chloroethane-d5	2.89	69	65056	36.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	147.88%		
10) 1,1-Dichloroethene-d2	4.01	63	155962	27.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	108.04%		
20) 2-Butanone-d5	7.09	46	63384	46.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.56%		
24) Chloroform-d	7.65	84	167885	27.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	109.16%		
26) 1,2-Dichloroethane-d4	8.31	65	112183	30.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	121.24%		
29) Benzene-d6	8.28	84	363245	39.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	159.88%#		
33) 1,2-Dichloropropane-d6	9.28	67	120232	39.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	159.12%#		
37) Toluene-d8	10.33	98	283342	32.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	131.96%#		
38) trans-1,3-Dichloropropene-	10.58	79	24940	18.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.72%		
39) 2-Hexanone-d5	10.93	63	42936	54.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.12%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80886	26.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.84%		
61) 1,2-Dichlorobenzene-d4	13.86	152	45689	29.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	116.96%		
Target Compounds						
13) Acetone	4.12	43	23267	16.825	ug/L	99
14) Carbon disulfide	4.37	76	20573	2.299	ug/L	96
16) Methylene chloride	4.90	84	8672m	2.574	ug/L	
21) 2-Butanone	7.18	43	13316m	7.639	ug/L	

} MDO7/31/18

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