

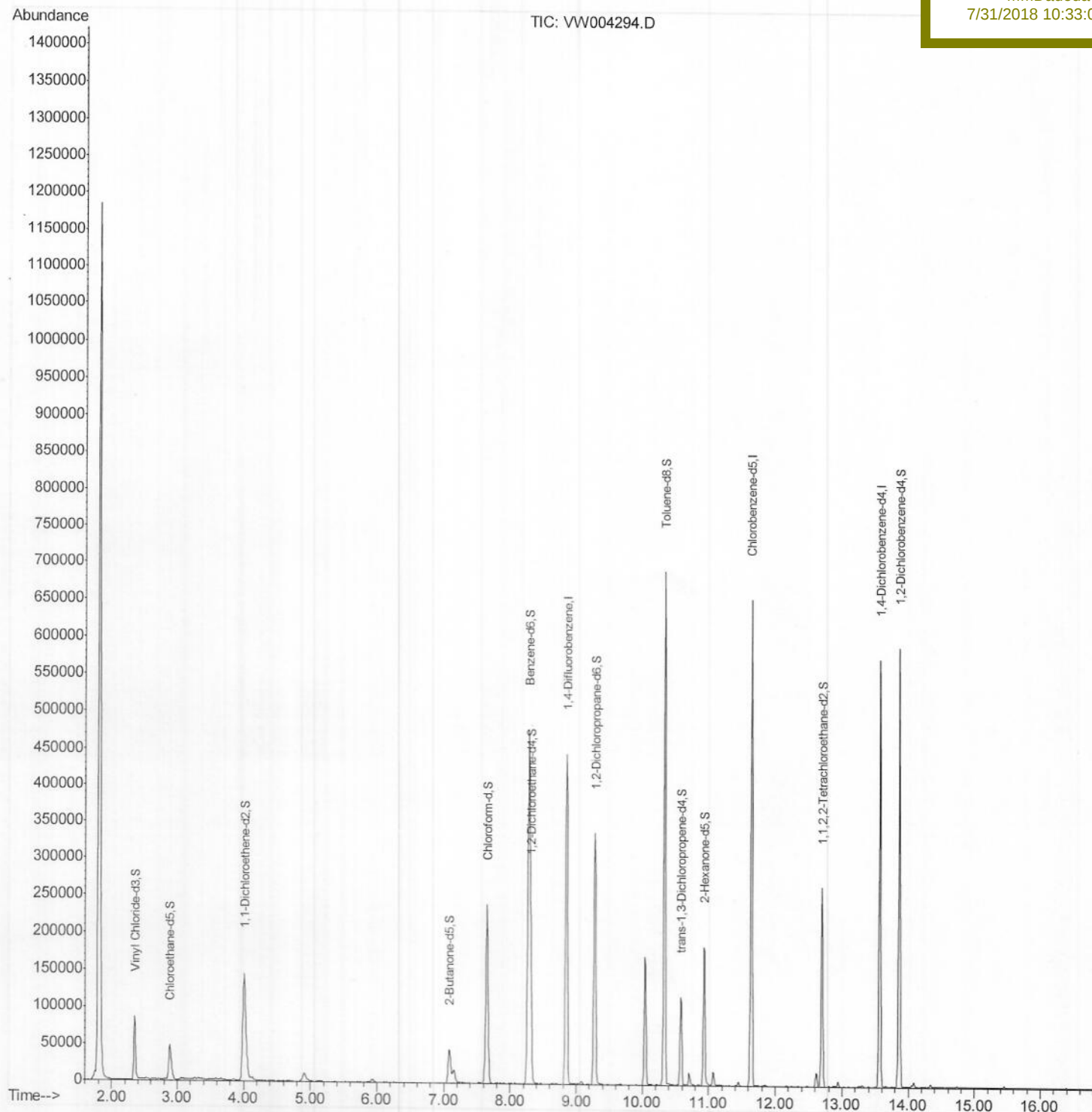
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004294.D
Acq On : 28 Jul 2018 02:15
Operator : SY/AP
Sample : J4204-10
Misc : 4.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 28 03:54:48 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 :
JJ1J7

Manual Integrations
APPROVED

MMDadoda
7/31/2018 10:33:05 AM



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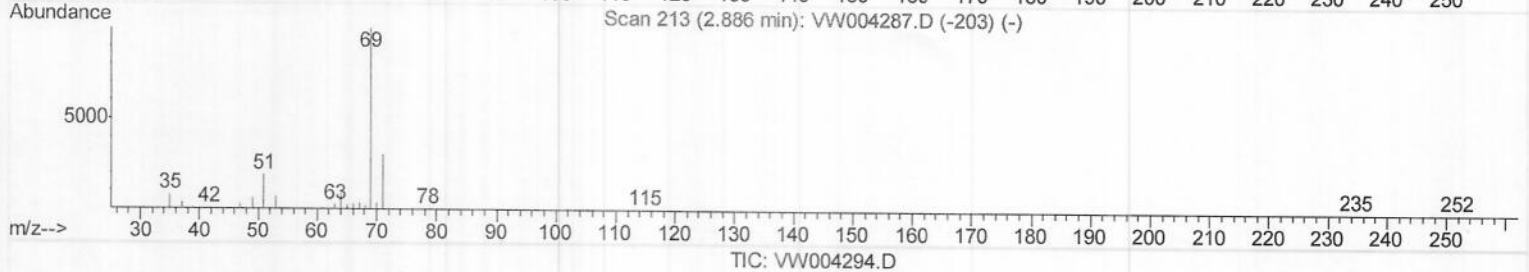
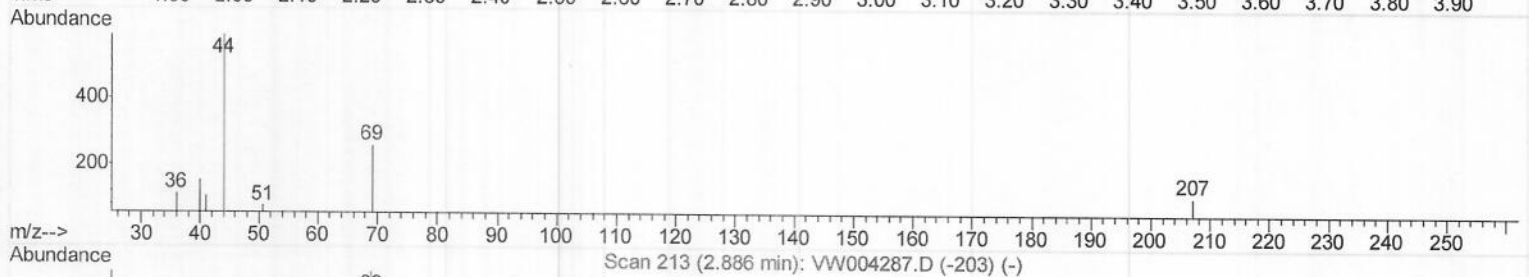
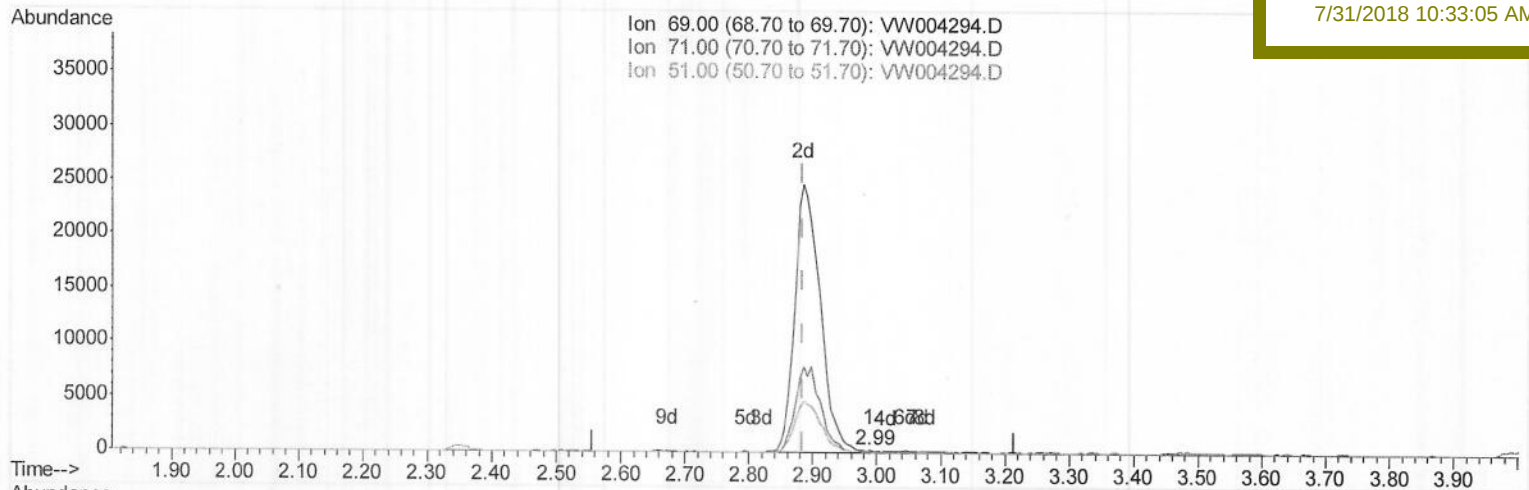
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7/31/2018 10:33:05 AM

(7) Chloroethane-d5 (S)

2.989min (+0.104) 0.07ug/L

response 185

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	25.41
51.00	31.20	28.65
0.00	0.00	0.00

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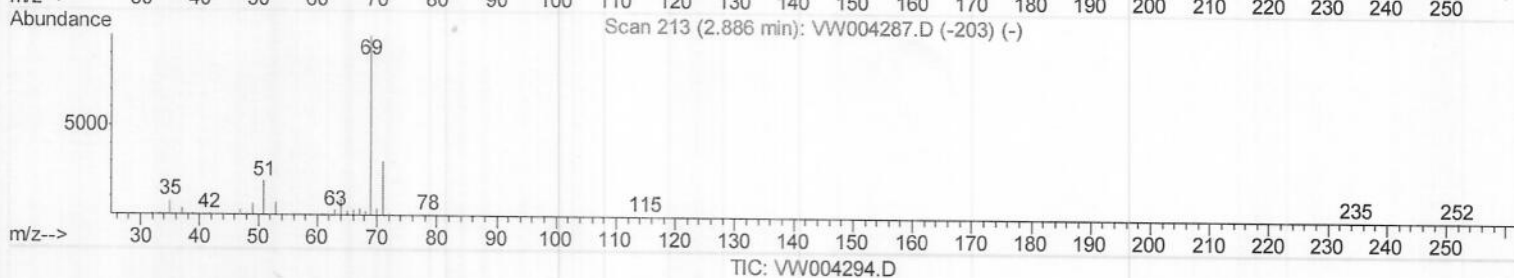
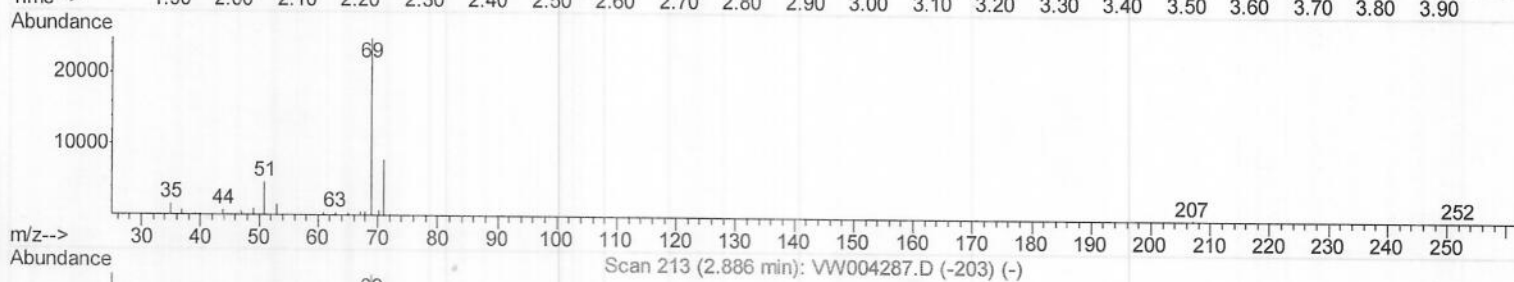
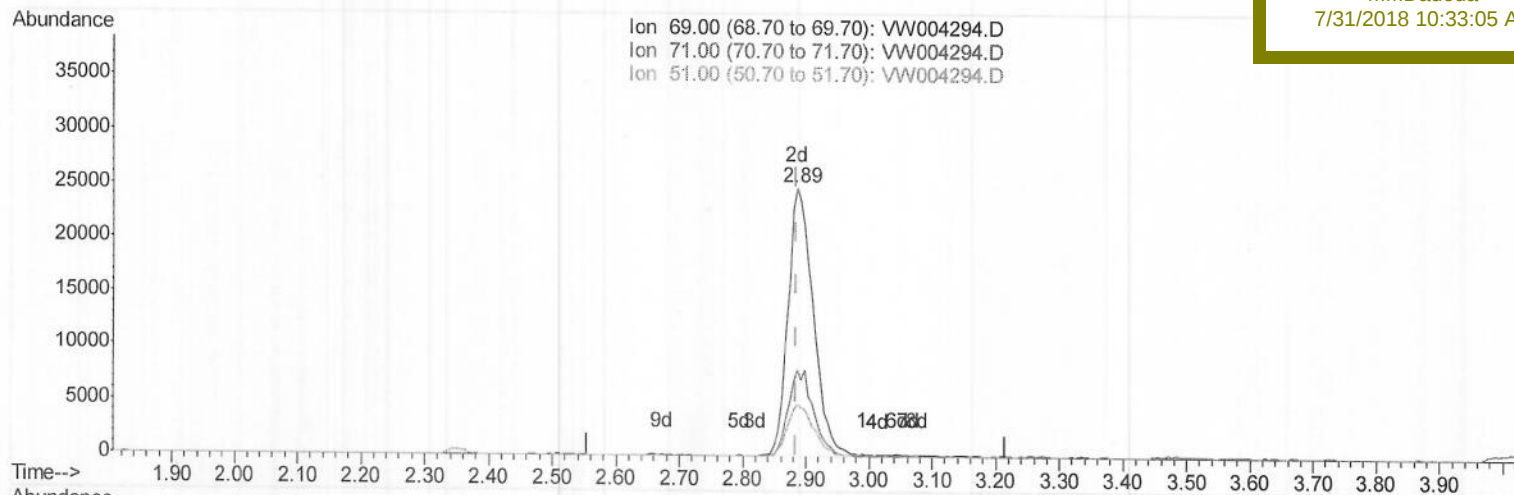
ClientSampleId :

JJ1J7

Manual Integrations
APPROVED

MMDadoda

7/31/2018 10:33:05 AM



(7) Chloroethane-d5 (S)

2.886min (+0.000) 25.83ug/L m

> M07/31/18

response 69724

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.07#
51.00	31.20	0.08#
0.00	0.00	0.00

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Manual Integrations
APPROVEDMMDadoda
7/31/2018 10:33:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	359167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	145892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98715	26.60	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	106.40%	
7) Chloroethane-d5	2.89	69	69724m	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	103.32%	
10) 1,1-Dichloroethene-d2	4.01	63	183446	20.71	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	82.84%	
20) 2-Butanone-d5	7.08	46	76072	36.21	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	72.42%	
24) Chloroform-d	7.65	84	245253	25.99	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	103.96%	
26) 1,2-Dichloroethane-d4	8.31	65	148552	26.17	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	104.68%	
29) Benzene-d6	8.28	84	494255	25.97	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	103.88%	
33) 1,2-Dichloropropane-d6	9.28	67	166301	26.27	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	105.08%	
37) Toluene-d8	10.33	98	453461	25.20	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	100.80%	
38) trans-1,3-Dichloropropene-	10.58	79	64982	22.61	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	90.44%	
39) 2-Hexanone-d5	10.93	63	58924	35.42	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	70.84%	
48) 1,1,2,2-Tetrachloroethane-	12.70	84	136374	21.09	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	84.36%	
61) 1,2-Dichlorobenzene-d4	13.86	152	152655	27.99	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	111.96%	

Target Compounds Qvalue

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

) MD 07/31/18