Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

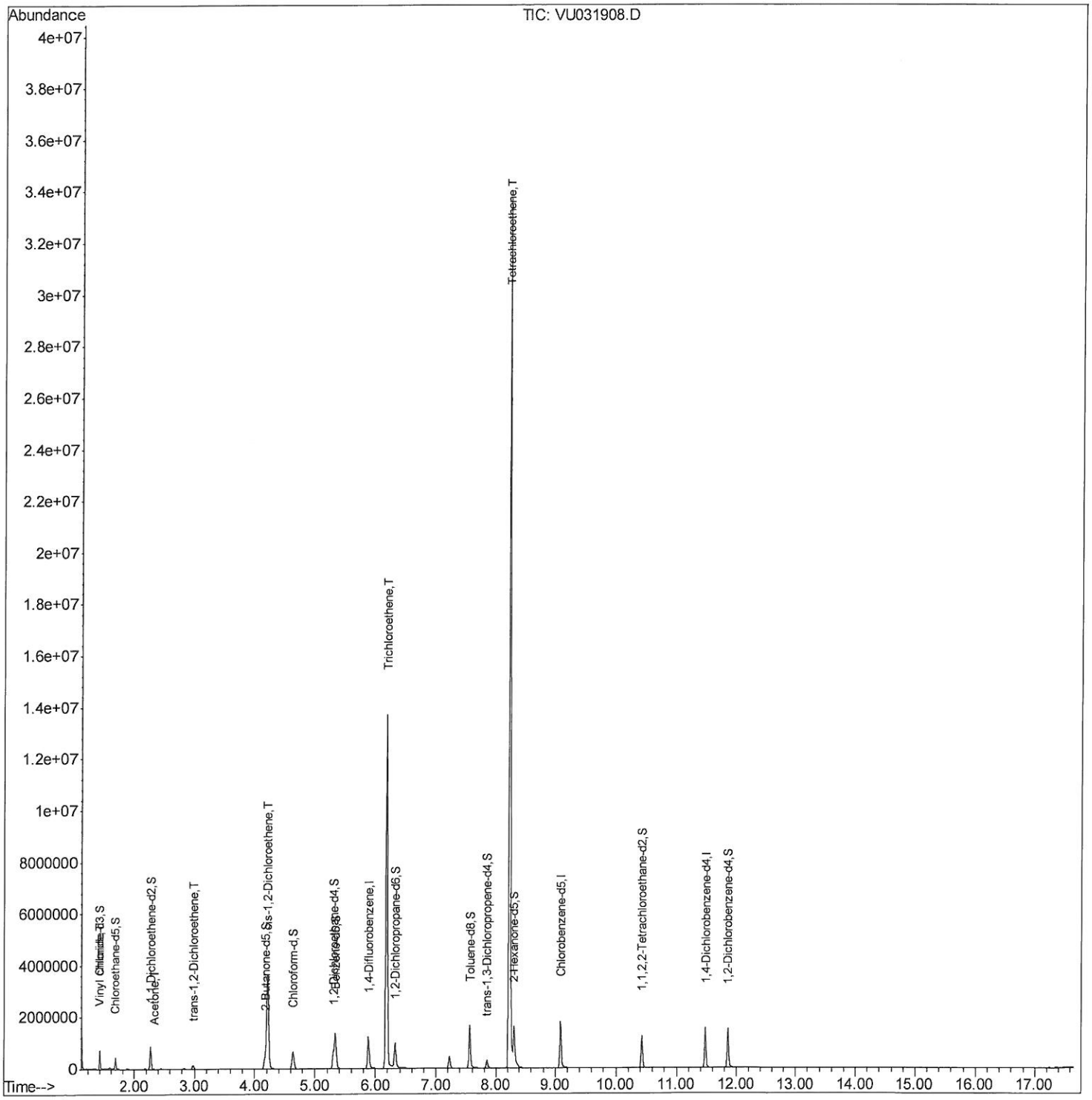
Quantitation Report (QT Reviewed)

Data File : VU031908.D
Acq On : 10 May 2019 23:05
Operator : JC/SP
Sample : K2705-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 11 04:26:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0B48

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:49:32 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Qedit)

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
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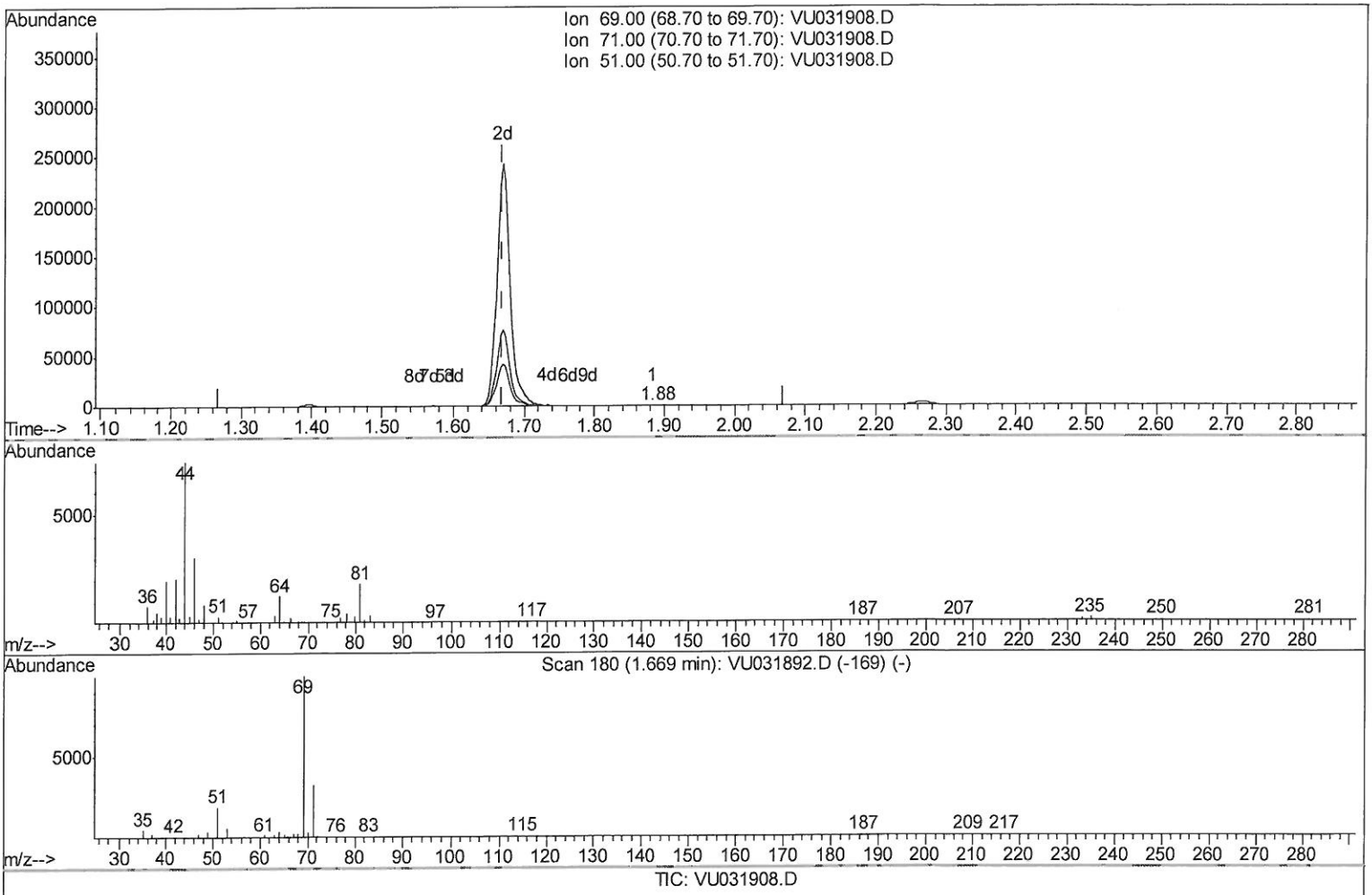

TIC: VU031908.D

(7) Chloroethane-d5 (S)

1.884min (+0.215) 0.03ug/L

response 182

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	23.08
51.00	29.10	32.97
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Qedit)

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ClientSampleId :
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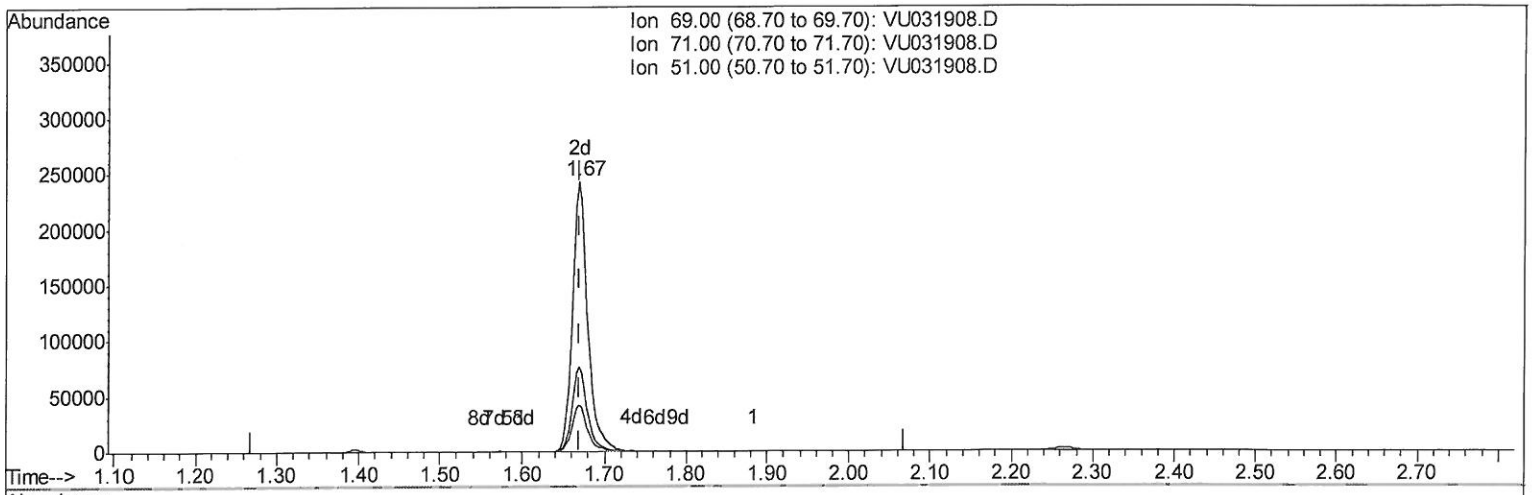
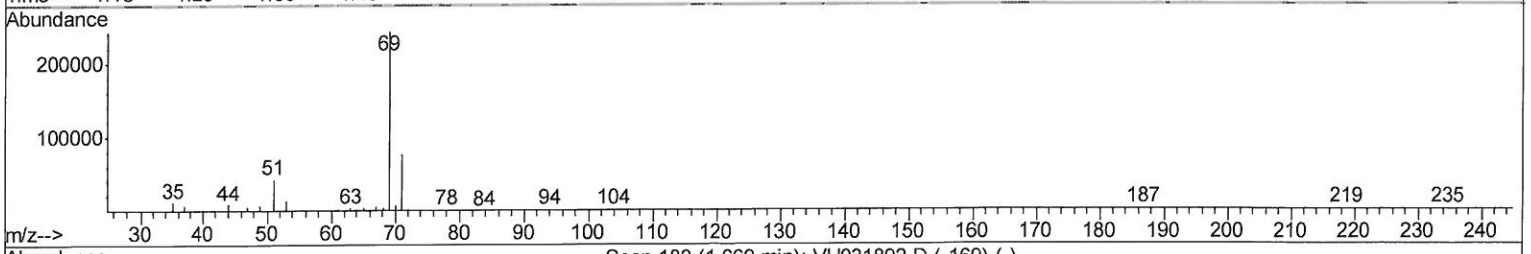
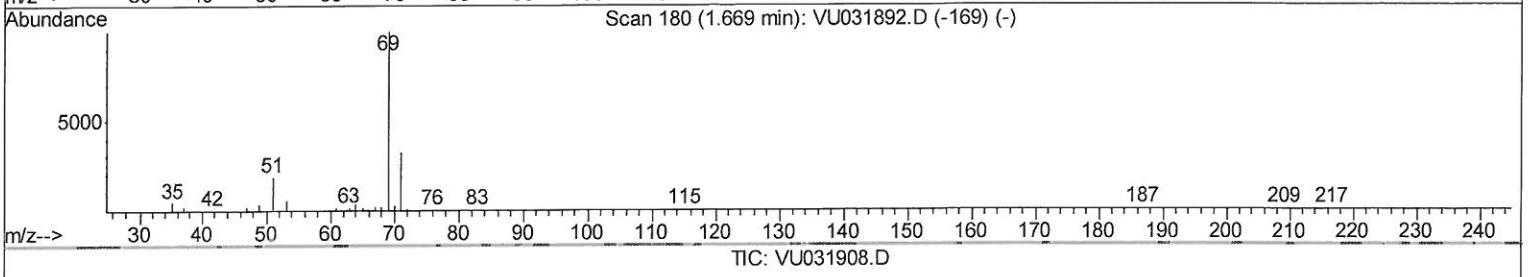
Manual Integrations APPROVED
MMDadoda
5/11/2019 11:49:32 AM







TIC: VU031908.D

(7) Chloroethane-d5 (S)

1.669min (-0.000) 46.77ug/L m

response 314444

DMD 5/15/19

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.01#
51.00	29.10	0.02#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

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QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0B48

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:49:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1039485	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1037466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399232	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	356681	41.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.00%			
7) Chloroethane-d5	1.67	69	314444m	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.54%			
11) 1,1-Dichloroethene-d2	2.26	63	511602	29.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.06%#			
21) 2-Butanone-d5	4.17	46	655333	83.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.14%			
24) Chloroform-d	4.64	84	665738	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
26) 1,2-Dichloroethane-d4	5.30	65	449702	43.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.40%			
32) Benzene-d6	5.33	84	1391897	43.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.38%			
36) 1,2-Dichloropropane-d6	6.32	67	477592	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.22%			
41) Toluene-d8	7.56	98	1184089	42.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.34%			
43) trans-1,3-Dichloropropene-	7.85	79	186863	38.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.68%			
47) 2-Hexanone-d5	8.31	63	456931	94.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.19%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	657684	43.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.44%			
64) 1,2-Dichlorobenzene-d4	11.85	152	399176	47.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.08%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	140287	10.850	ug/L	95
13) Acetone	2.32	43	11642	1.311	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	60276	7.133	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	2006096	221.303	ug/L	95
34) Trichloroethene	6.18	95	4939779	534.255	ug/L	97
46) Tetrachloroethene	8.22	164	7479245	1186.543	ug/L	97

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

JMC 5/15/19