

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\

Data File : VU031925.D

Acq On : 11 May 2019 12:52

Operator : JC/SP

Sample : K2705-14DL 40X

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 13 13:03:15 2019

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

Quant Title : VOC Analysis

QLast Update : Mon May 13 01:54:07 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

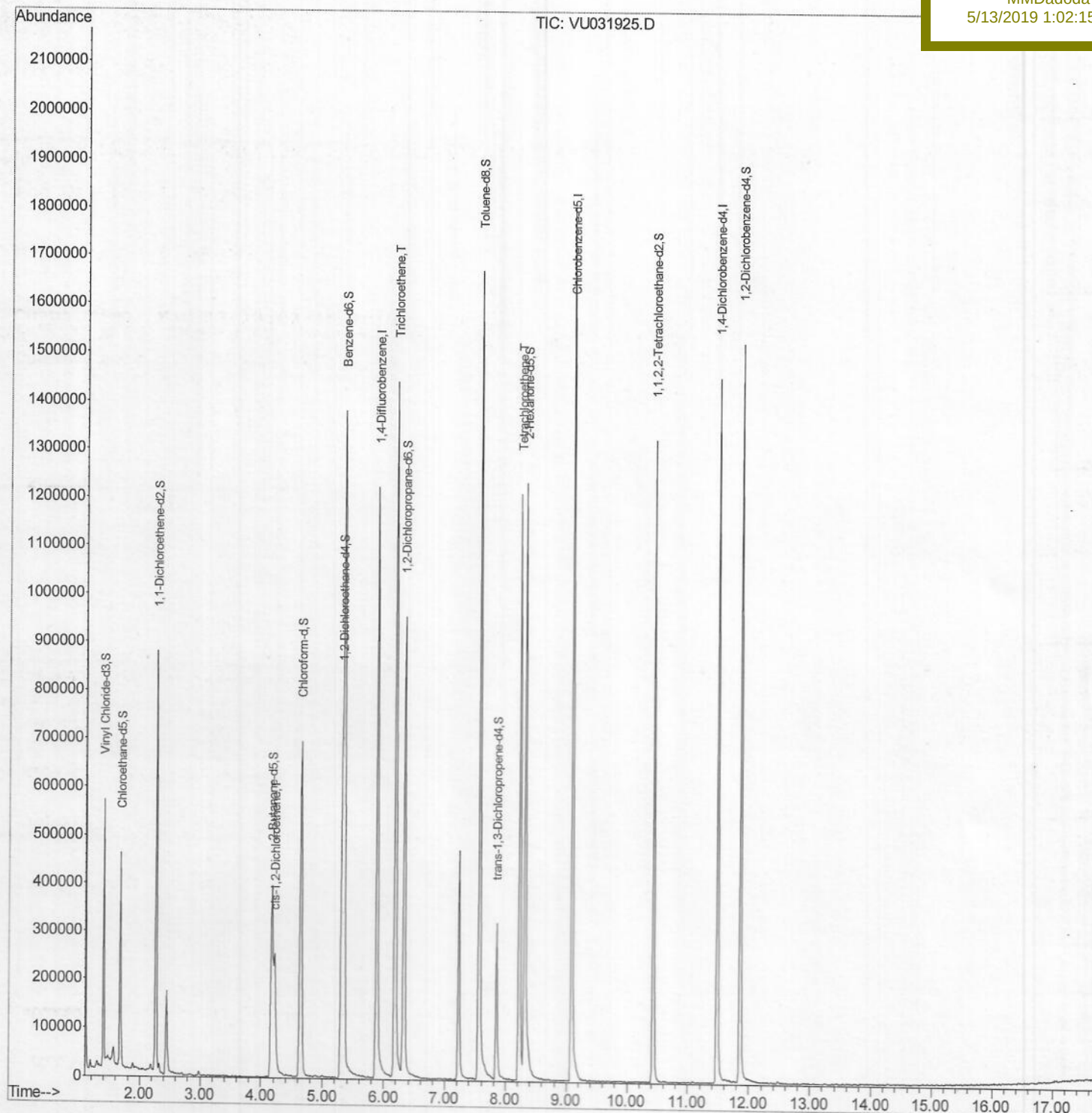
C0B52DL

Manual Integrations

APPROVED

MMDadoda

5/13/2019 1:02:15 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051119\
Quantitation Report (Qedit)

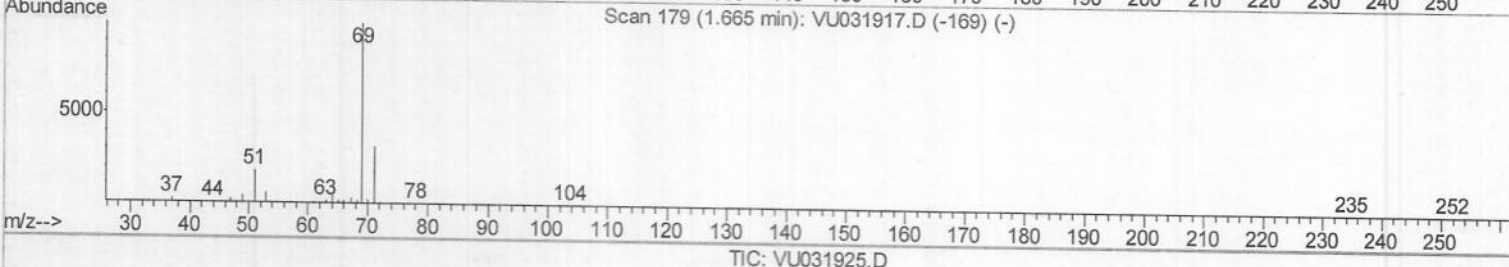
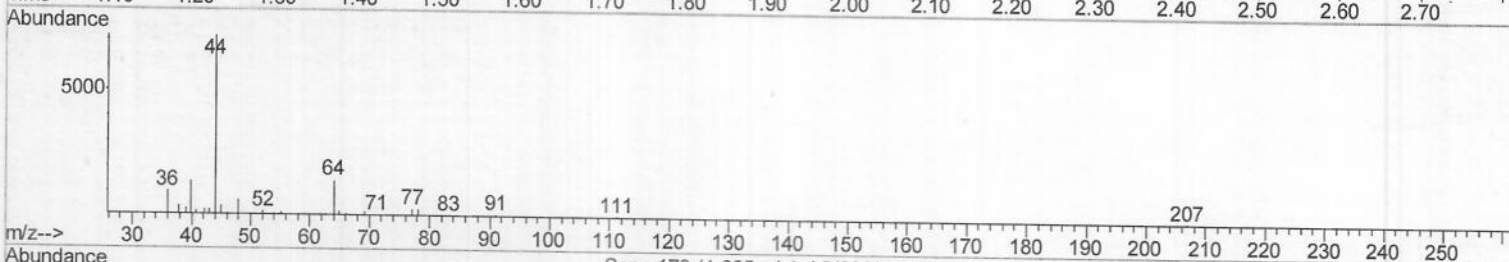
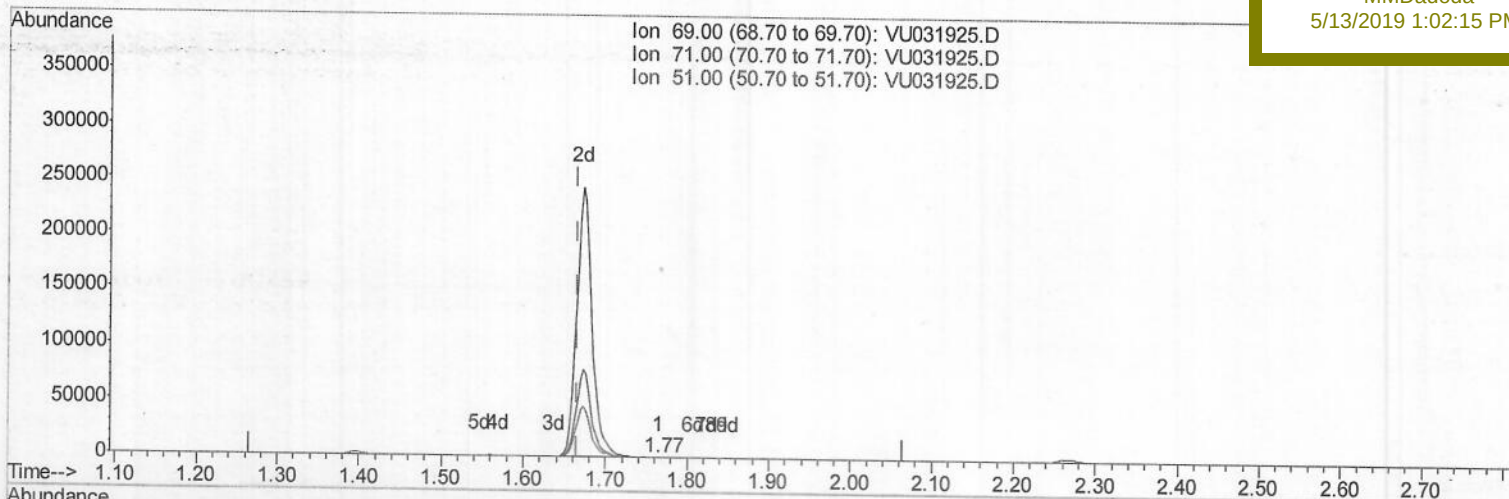
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Operator : JC/SP
Sample : K2705-14DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 13 01:57:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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(7) Chloroethane-d5 (S)

1.765min (+0.100) 0.04ug/L

response 242

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	41.32
51.00	29.10	31.40
0.00	0.00	0.00

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MSVOA_U

ClientSampleId :

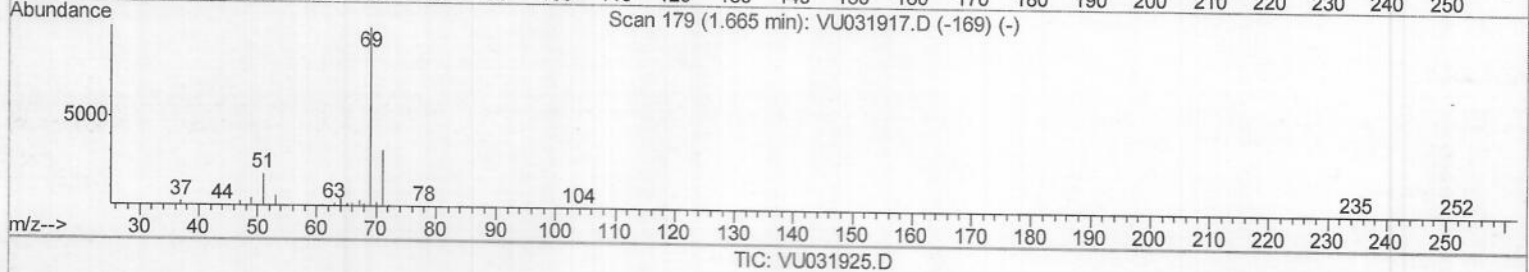
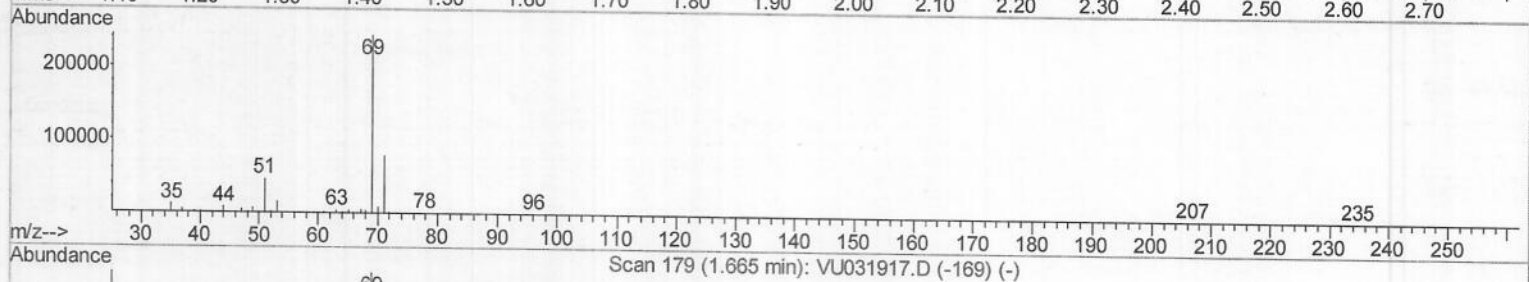
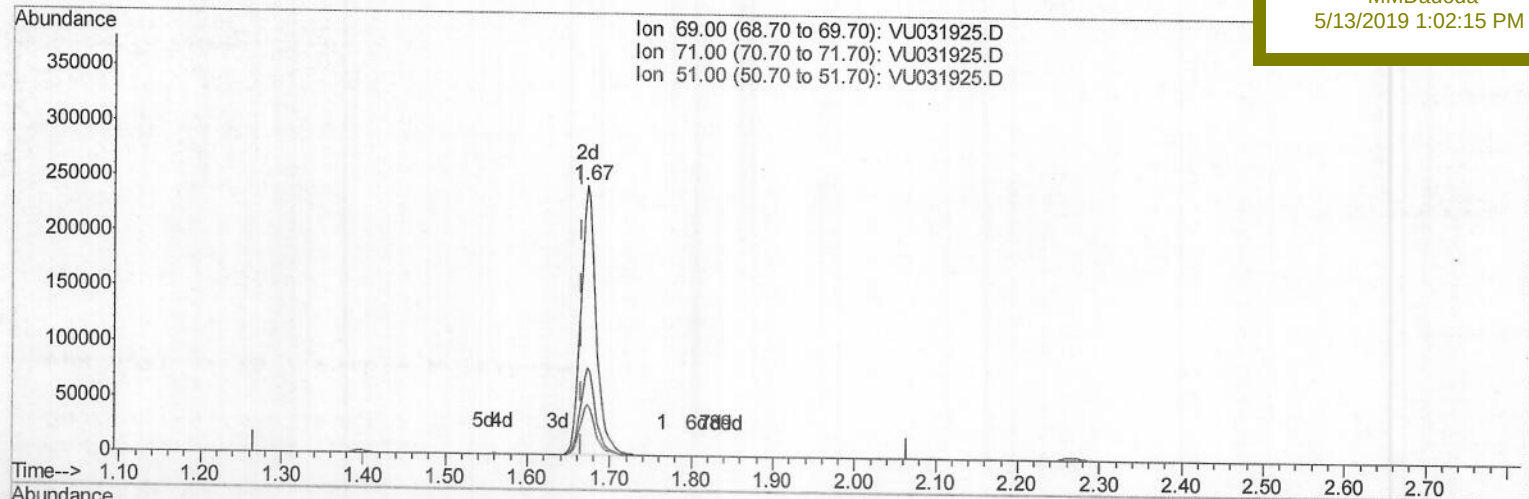
C0B52DL

Manual Integrations

APPROVED

MMDadoda

5/13/2019 1:02:15 PM



(7) Chloroethane-d5 (S)

1.672min (+0.007) 47.11ug/L m

response 314185

Ion Exp% Act%

69.00 100 100

71.00 32.30 0.03#

51.00 29.10 0.02#

0.00 0.00 0.00

M.D.
5/20/19

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Quant Time: May 13 13:03:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52DL

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 1:02:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1031190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1006946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	380586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	348925	40.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.86%		
7) Chloroethane-d5	1.67	69	314185m	47.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.22%		
11) 1,1-Dichloroethene-d2	2.27	63	502690	29.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.50%#		
21) 2-Butanone-d5	4.17	46	655563	83.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.84%		
24) Chloroform-d	4.64	84	696292	44.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.10%		
26) 1,2-Dichloroethane-d4	5.30	65	462697	44.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.62%		
32) Benzene-d6	5.34	84	1402027	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.68%		
36) 1,2-Dichloropropane-d6	6.32	67	494617	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.94%		
41) Toluene-d8	7.56	98	1163242	43.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.38%		
43) trans-1,3-Dichloropropene-	7.85	79	195861	41.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.88%		
47) 2-Hexanone-d5	8.31	63	418202	88.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.82%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	687367	47.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.16%		
64) 1,2-Dichlorobenzene-d4	11.85	152	394451	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.56%		

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	116697	12.977 ug/L	96
34) Trichloroethene	6.18	95	527925	58.828 ug/L	99
46) Tetrachloroethene	8.22	164	275456	45.024 ug/L	96

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