

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Quantitation Report (QT Reviewed)

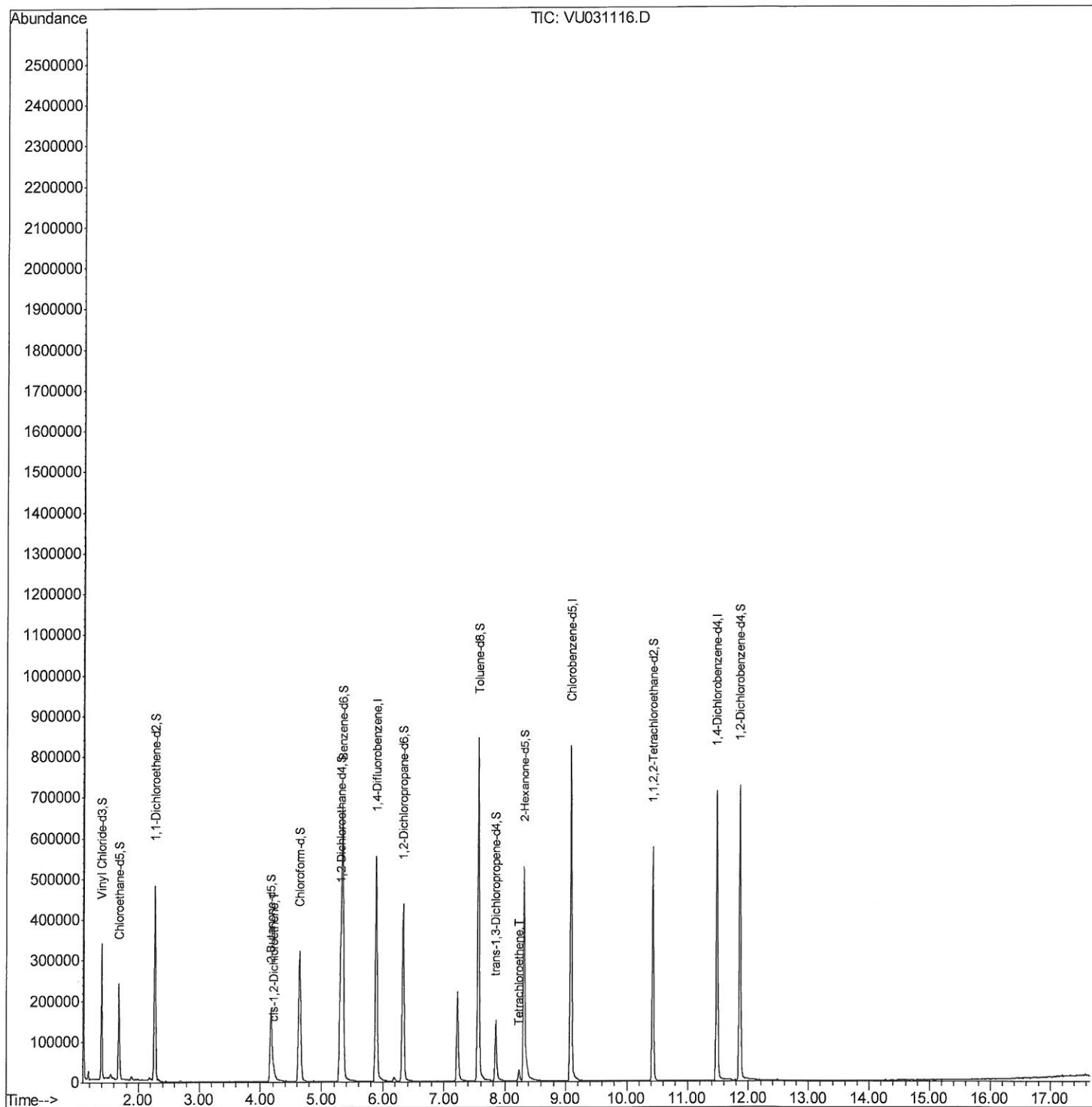
Data File : VU031116.D
Acq On : 12 Apr 2019 09:46
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Manual Integrations
APPROVED

MMDadoda
4/15/2019 9:15:45 AM

Quant Time: Apr 12 23:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Quantitation Report (Qedit)

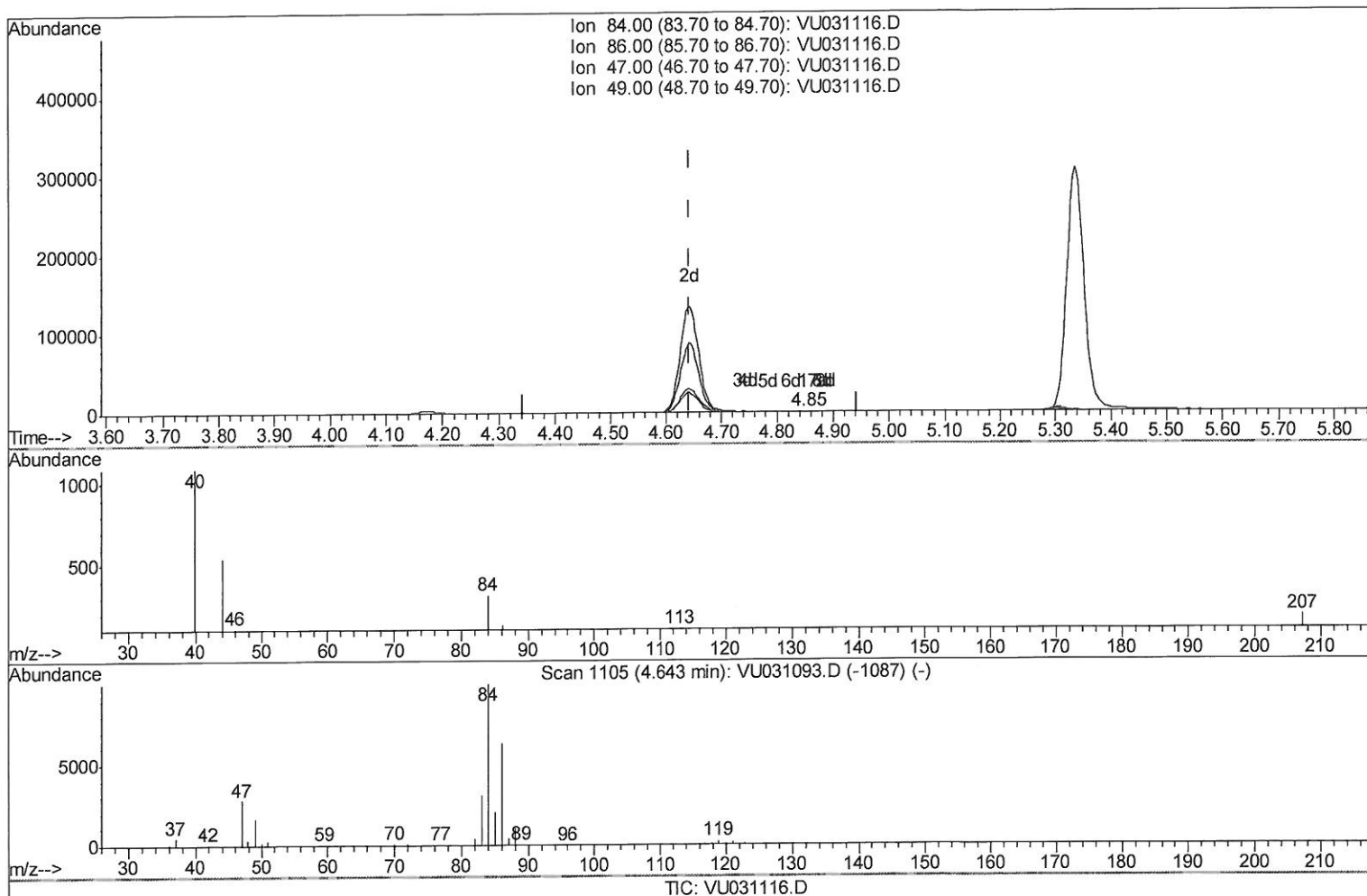
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4/15/2019 9:15:45 AM

Quant Time: Apr 12 23:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration



(24) Chloroform-d (S)

4.849min (+0.206) 0.02ug/L

response 148

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	64.86
47.00	47.00	54.05
49.00	26.80	28.38

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Quantitation Report (Qedit)

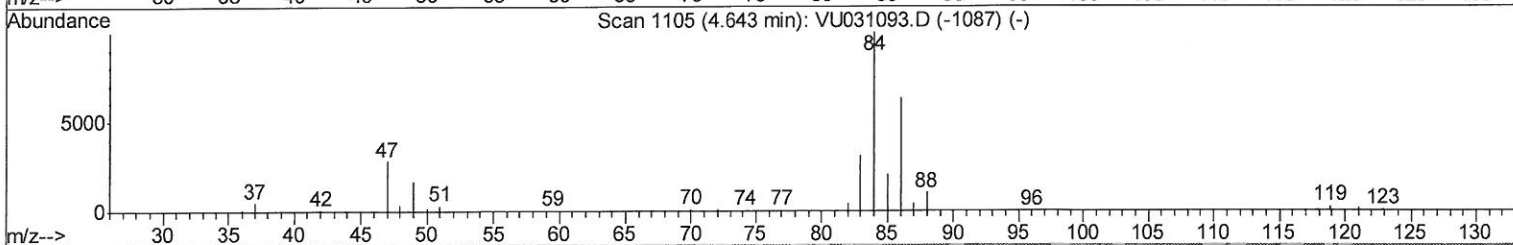
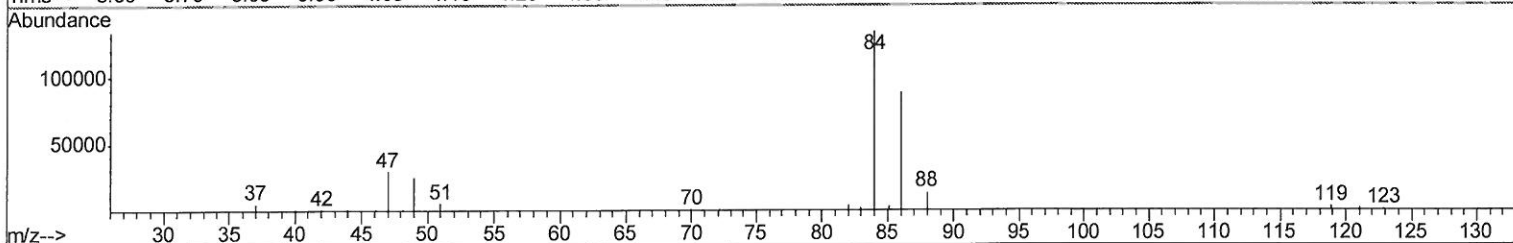
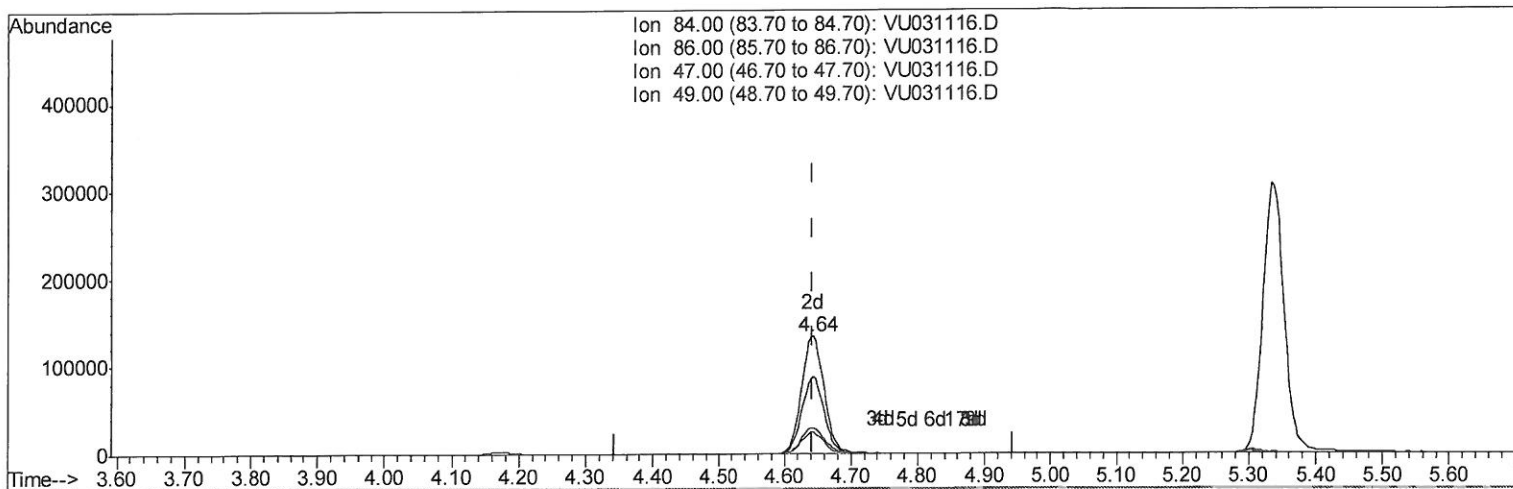
Data File : VU031116.D
Acq On : 12 Apr 2019 09:46
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
VIBLK41

Manual Integrations
APPROVED

MMDadoda
4/15/2019 9:15:45 AM

Quant Time: Apr 12 23:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration



TIC: VU031116.D

(24) Chloroform-d (S)

4.643min (-0.000) 48.77ug/L m

response 312796

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	0.03#
47.00	47.00	0.03#
49.00	26.80	0.01#

MMD
4/13/19

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Quantitation Report (QT Reviewed)

Data File : VU031116.D
Acq On : 12 Apr 2019 09:46
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Manual Integrations
APPROVED

MMDadoda
4/15/2019 9:15:45 AM

Quant Time: Apr 12 23:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221381	52.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	105.46%		
7) Chloroethane-d5	1.68	69	163114	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.38%		
11) 1,1-Dichloroethene-d2	2.27	63	278720	36.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.40%		
21) 2-Butanone-d5	4.17	46	306095	91.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.99%		
24) Chloroform-d	4.64	84	312796m	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.54%		
26) 1,2-Dichloroethane-d4	5.30	65	222648	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.76%		
32) Benzene-d6	5.33	84	669954	49.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.36%		
36) 1,2-Dichloropropane-d6	6.32	67	225209	48.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.46%		
41) Toluene-d8	7.56	98	568763	47.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.16%		
43) trans-1,3-Dichloropropene-	7.85	79	89727	42.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.14%		
47) 2-Hexanone-d5	8.31	63	183615	86.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.92%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297155	47.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.32%		
64) 1,2-Dichlorobenzene-d4	11.86	152	199351	53.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.52%		

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4/13/19

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	5580	1.464 ug/L	82
46) Tetrachloroethene	8.23	164	6520	2.419 ug/L	92

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