Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (QT Reviewed)

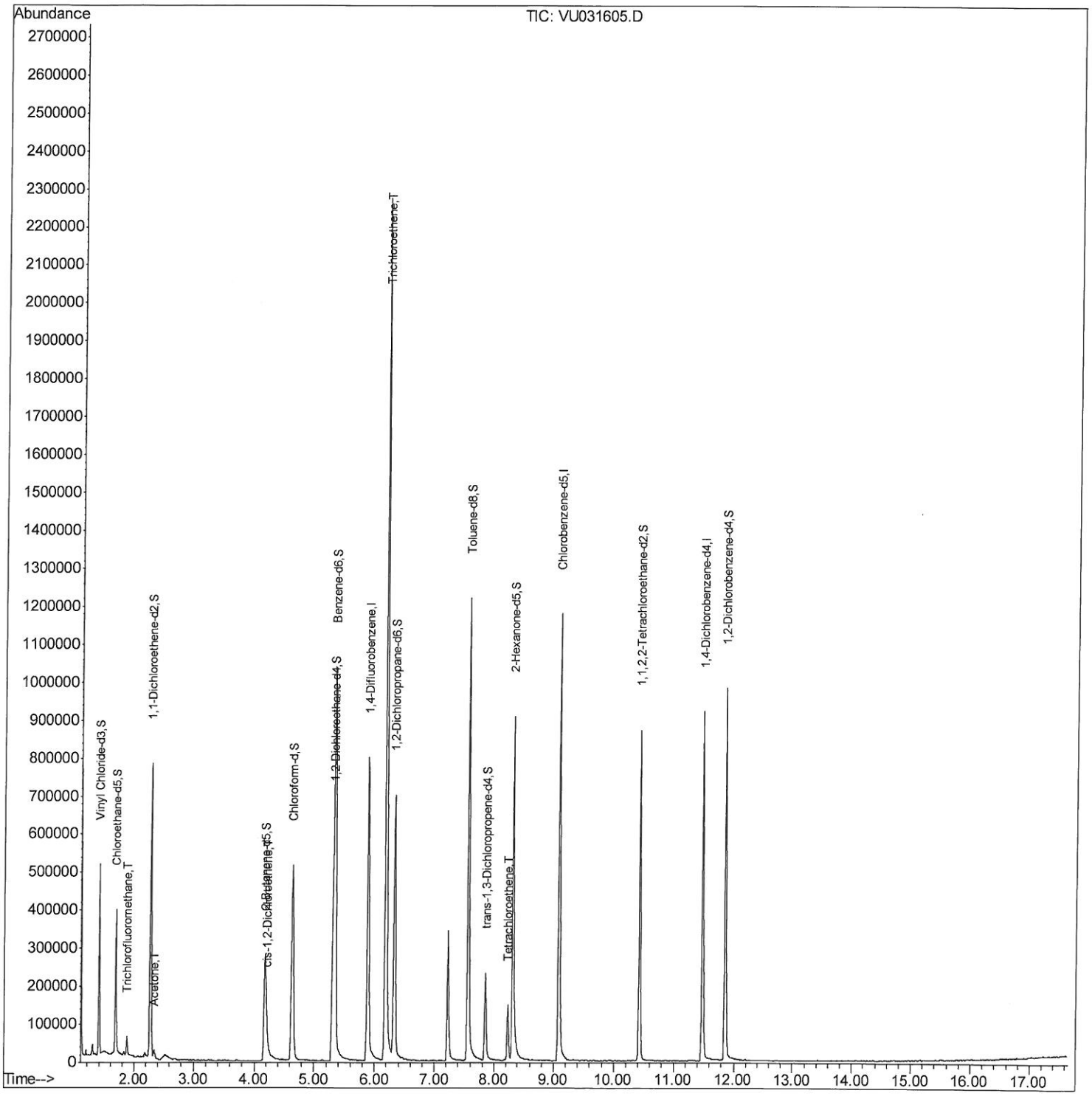
Data File : VU031605.D
Acq On : 29 Apr 2019 23:17
Operator : JC/SP
Sample : K2592-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 30 05:12:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0X84

Manual Integrations APPROVED

MMDadoda
4/30/2019 11:44:39 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Qedit)

Data File : VU031605.D
Acq On : 29 Apr 2019 23:17
Operator : JC/SP
Sample : K2592-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 30 04:53:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
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Manual Integrations APPROVED

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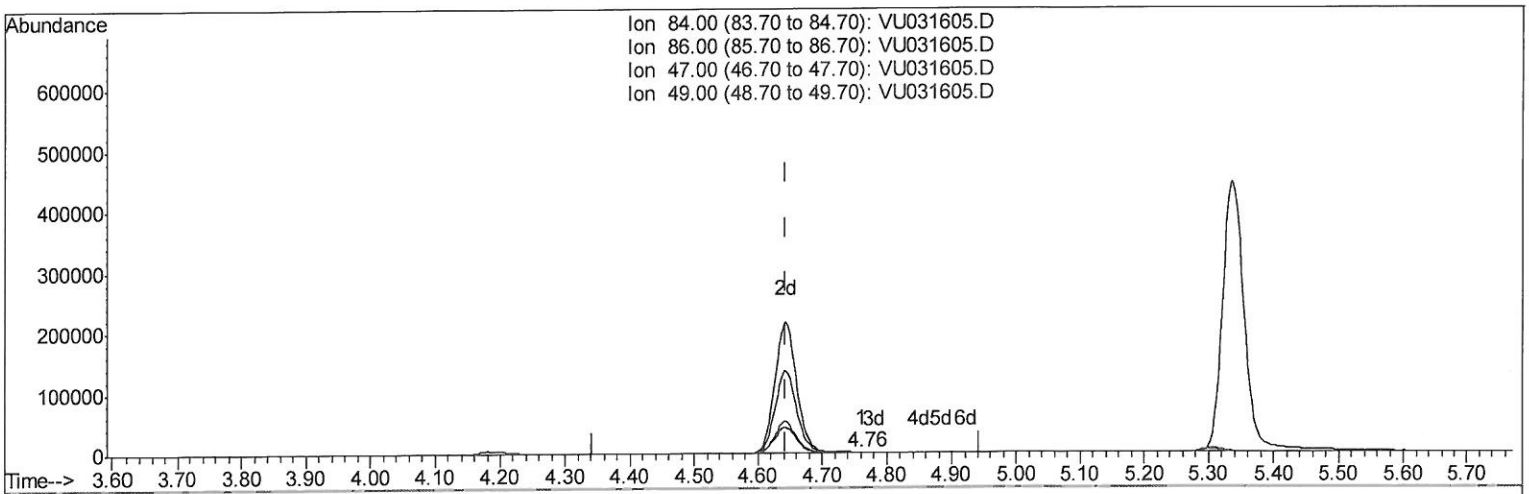
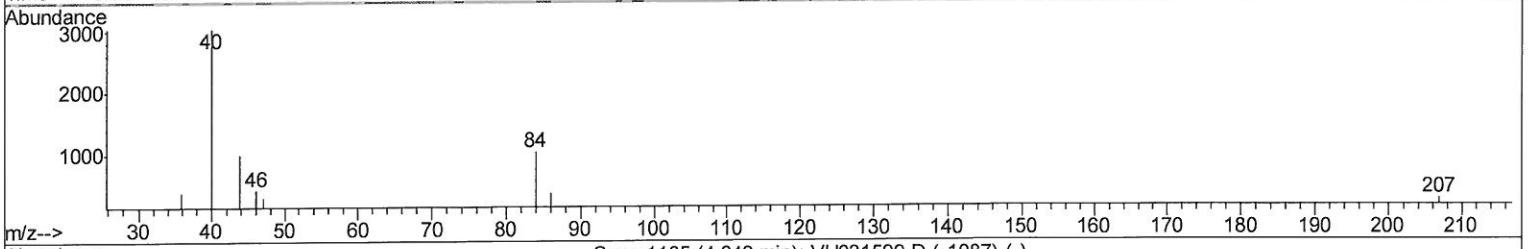
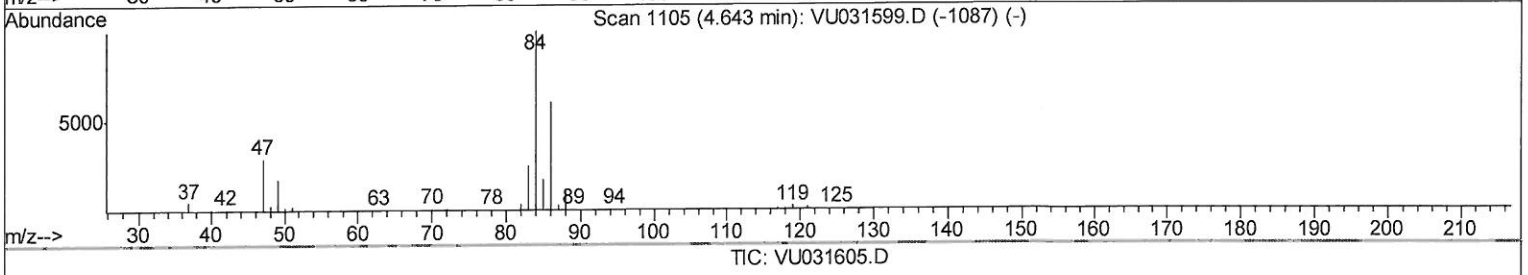
4/30/2019 11:44:39 AM







TIC: VU031605.D

(24) Chloroform-d (S)

4.762min (+0.119) 0.05ug/L

response 460

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	80.87
47.00	45.70	49.35
49.00	27.20	21.52

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (Qedit)

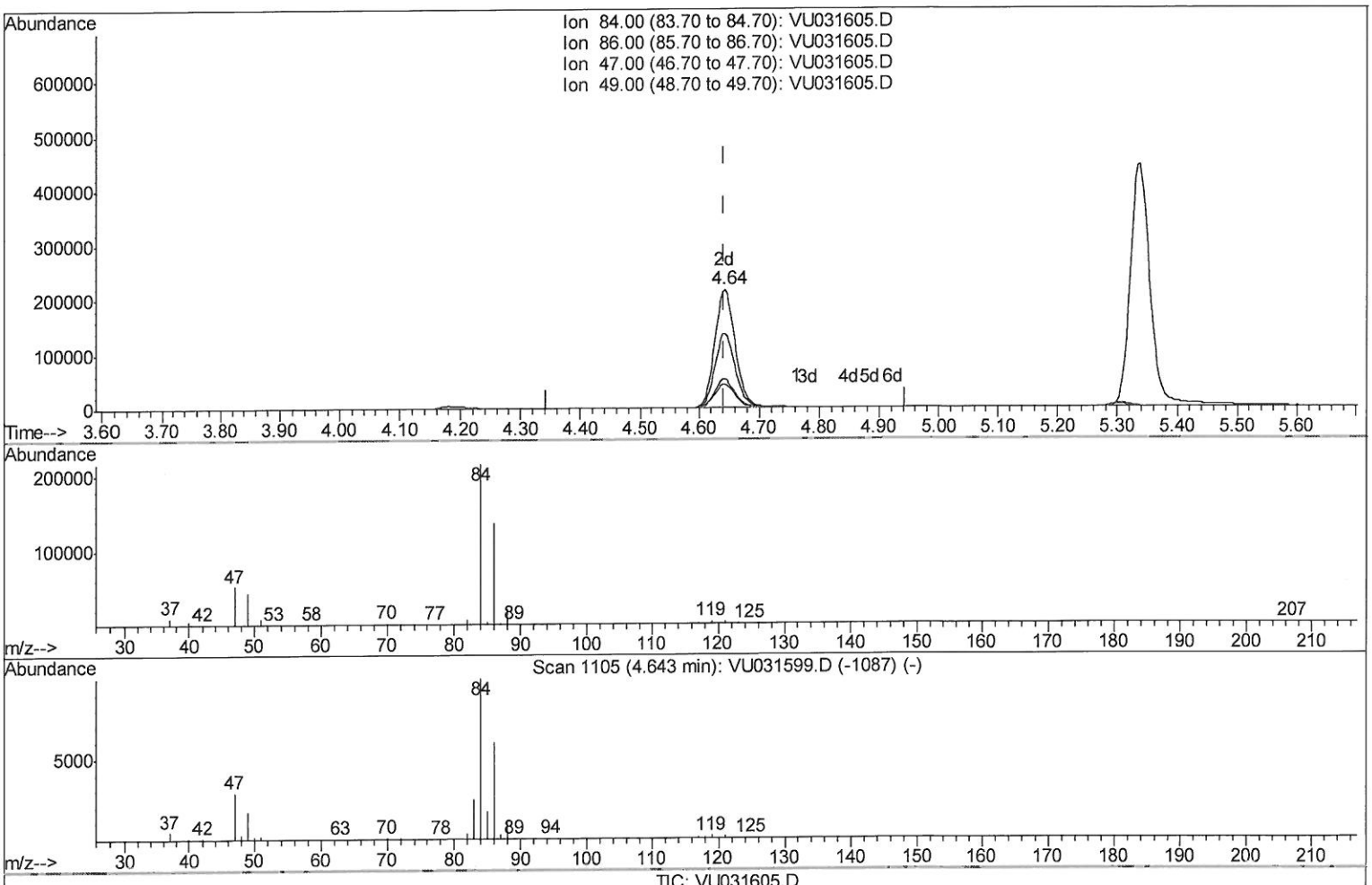
Data File : VU031605.D
Acq On : 29 Apr 2019 23:17
Operator : JC/SP
Sample : K2592-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 30 04:53:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0X84

Manual Integrations APPROVED

MMDadoda
4/30/2019 11:44:39 AM



TIC: VU031605.D

(24) Chloroform-d (S)

4.643min (-0.000) 52.58ug/L m

response 507212

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	0.07#
47.00	45.70	0.04#
49.00	27.20	0.02#

MMD
5/2/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\

Quantitation Report (QT Reviewed)

Data File : VU031605.D
Acq On : 29 Apr 2019 23:17
Operator : JC/SP
Sample : K2592-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X84

Manual Integrations APPROVED
MMDadoda
4/30/2019 11:44:39 AM

Quant Time: Apr 30 05:12:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	629344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	605872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223790	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	338469	64.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.52%			
7) Chloroethane-d5	1.68	69	245110	60.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.44%			
11) 1,1-Dichloroethene-d2	2.27	63	469052	44.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.44%			
21) 2-Butanone-d5	4.18	46	531181	111.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.31%			
24) Chloroform-d	4.64	84	507212m	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.16%			
26) 1,2-Dichloroethane-d4	5.31	65	353365	56.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.14%			
32) Benzene-d6	5.34	84	1010841	54.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.66%			
36) 1,2-Dichloropropane-d6	6.32	67	355537	54.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.64%			
41) Toluene-d8	7.56	98	825867	50.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.94%			
43) trans-1,3-Dichloropropene-	7.85	79	137183	48.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.64%			
47) 2-Hexanone-d5	8.31	63	294384	103.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.91%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443101	50.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	246904	52.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.92%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	24502	2.746	ug/L	100
13) Acetone	2.33	43	19200	3.572	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	3860	0.703	ug/L	83
34) Trichloroethene	6.18	95	845792	156.638	ug/L	96
46) Tetrachloroethene	8.22	164	31261	8.492	ug/L	97

MD 5/2/19

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