Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

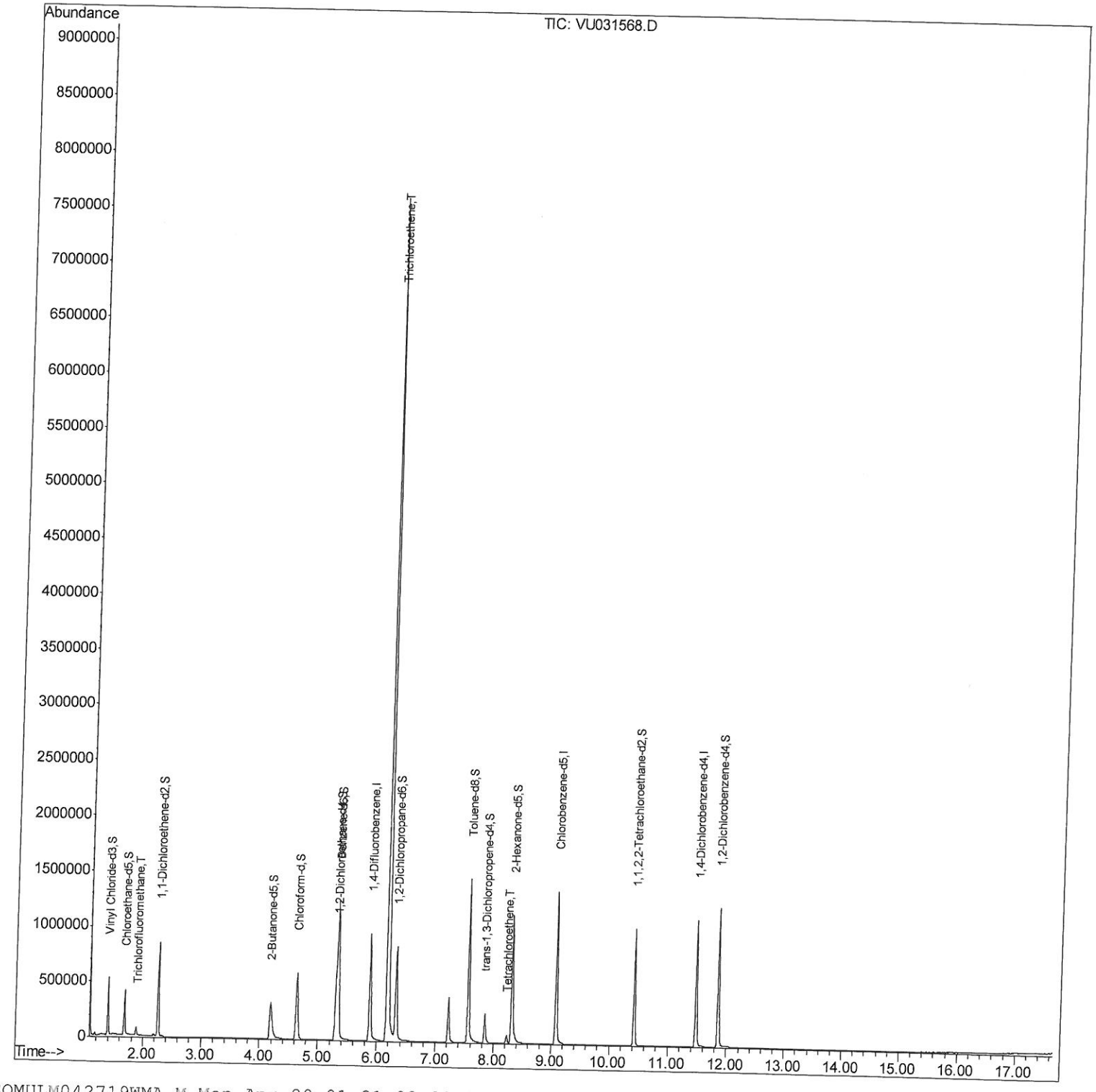
Data File : VU031568.D
Acq On : 27 Apr 2019 06:05
Operator : JC/SP
Sample : K2593-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Quantitation Report (QT Reviewed)

Quant Time: Apr 29 01:23:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XB2

Manual Integrations APPROVED
MMDadoda
4/29/2019 10:20:48 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

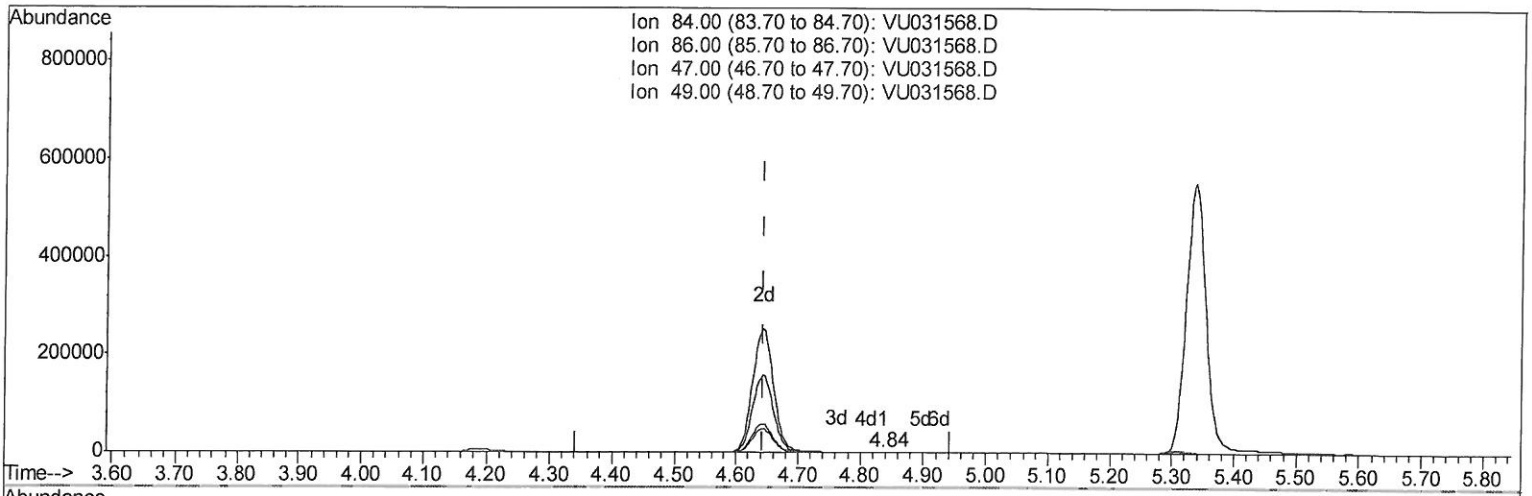
Quantitation Report (Qedit)

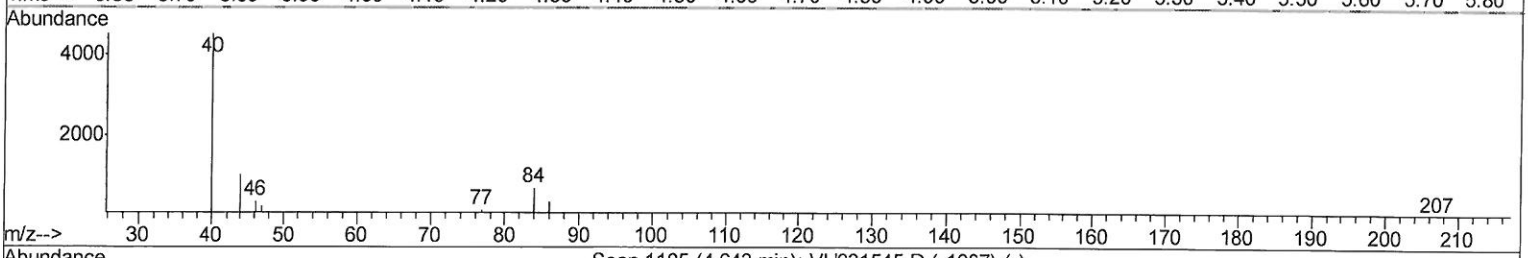
Data File : VU031568.D
Acq On : 27 Apr 2019 06:05
Operator : JC/SP
Sample : K2593-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

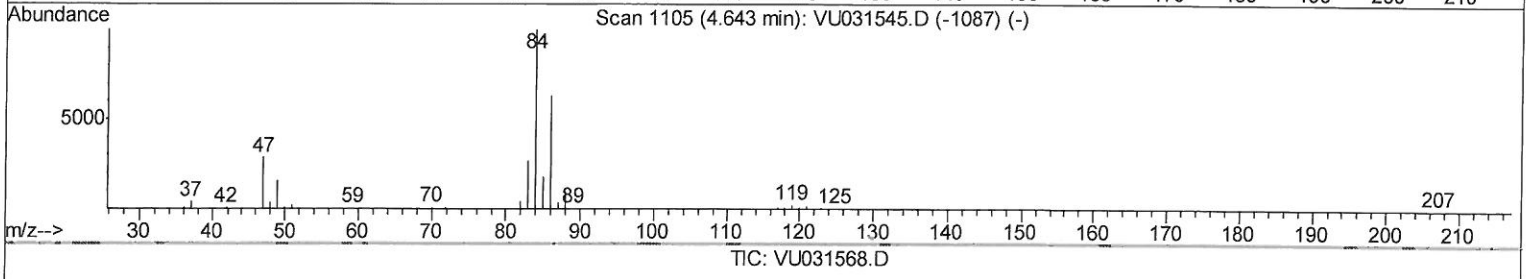
Quant Time: Apr 29 01:03:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XB2

Manual Integrations APPROVED
MMDadoda
4/29/2019 10:20:48 AM







TIC: VU031568.D

(24) Chloroform-d (S)

4.836min (+0.193) 0.03ug/L

response 313

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	66.13
47.00	45.70	52.08
49.00	27.20	22.36

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

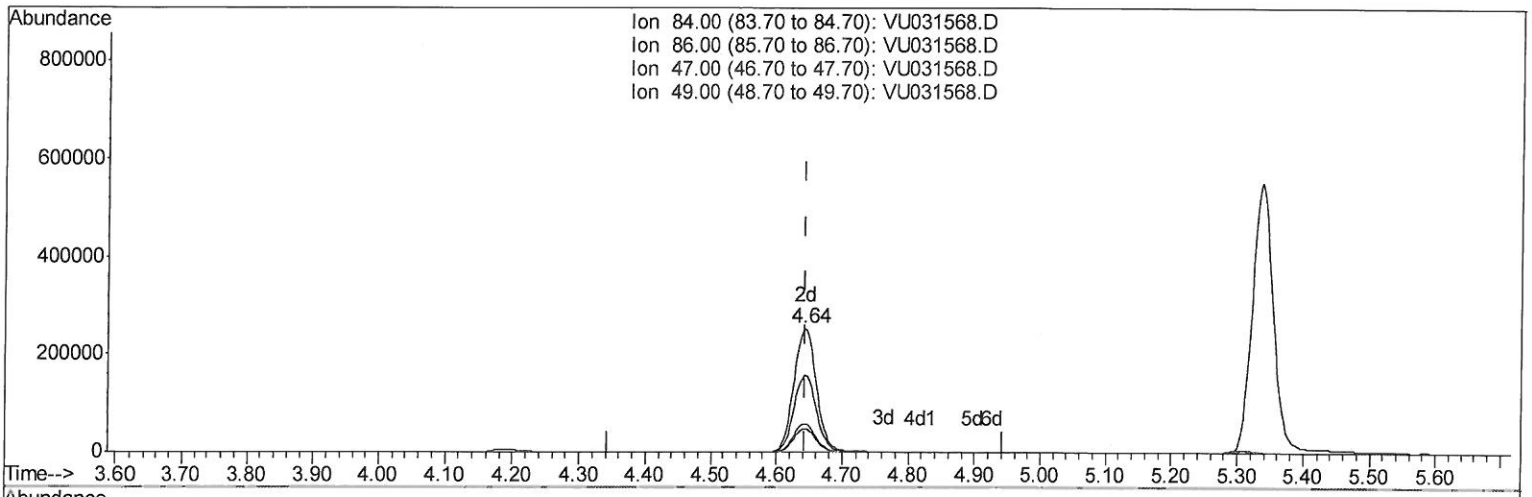
Quantitation Report (Qedit)

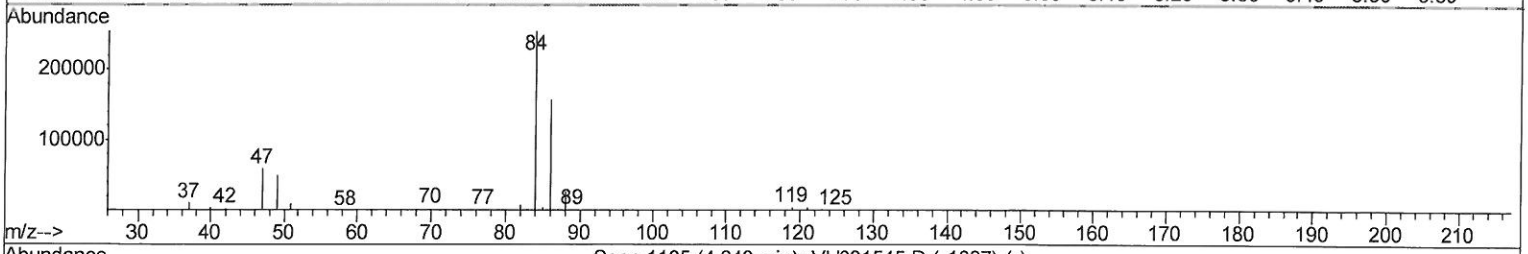
Data File : VU031568.D
Acq On : 27 Apr 2019 06:05
Operator : JC/SP
Sample : K2593-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

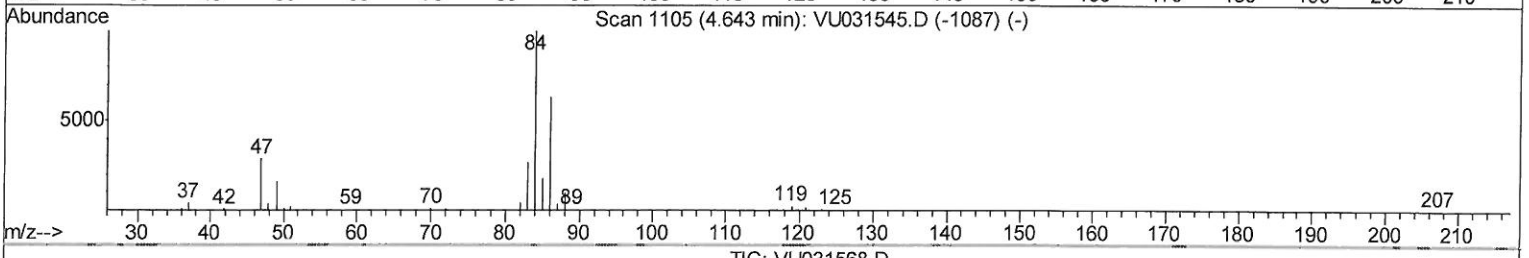
Quant Time: Apr 29 01:03:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XB2

Manual Integrations APPROVED
MMDadoda
4/29/2019 10:20:48 AM







TIC: VU031568.D

(24) Chloroform-d (S)

4.643min (+0.000) 48.68ug/L m → MMD 4/29/19

response 601471

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	0.03#
47.00	45.70	0.03#
49.00	27.20	0.01#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042719\

Quantitation Report (QT Reviewed)

Data File : VU031568.D
Acq On : 27 Apr 2019 06:05
Operator : JC/SP
Sample : K2593-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Apr 29 01:23:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 01:00:30 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0XB2

Manual Integrations APPROVED
MMDadoda
4/29/2019 10:20:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	806018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	763748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	285874	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	348798	51.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.42%			
7) Chloroethane-d5	1.68	69	278839	53.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.98%			
11) 1,1-Dichloroethene-d2	2.27	63	513656	38.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.48%			
21) 2-Butanone-d5	4.19	46	663650	108.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.58%			
24) Chloroform-d	4.64	84	601471m	48.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.36%			
26) 1,2-Dichloroethane-d4	5.31	65	411487	50.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.96%			
32) Benzene-d6	5.34	84	1217457	51.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.82%			
36) 1,2-Dichloropropane-d6	6.32	67	429830	52.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.18%			
41) Toluene-d8	7.56	98	1019356	49.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	7.85	79	162935	46.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.00%			
47) 2-Hexanone-d5	8.31	63	405510	113.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	543057	49.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.08%			
64) 1,2-Dichlorobenzene-d4	11.86	152	321097	53.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.82%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	40254	3.522	ug/L	97
34) Trichloroethene	6.18	95	2843419	417.740	ug/L	97
46) Tetrachloroethene	8.22	164	16482	3.552	ug/L	96

MMD 4/29/19

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