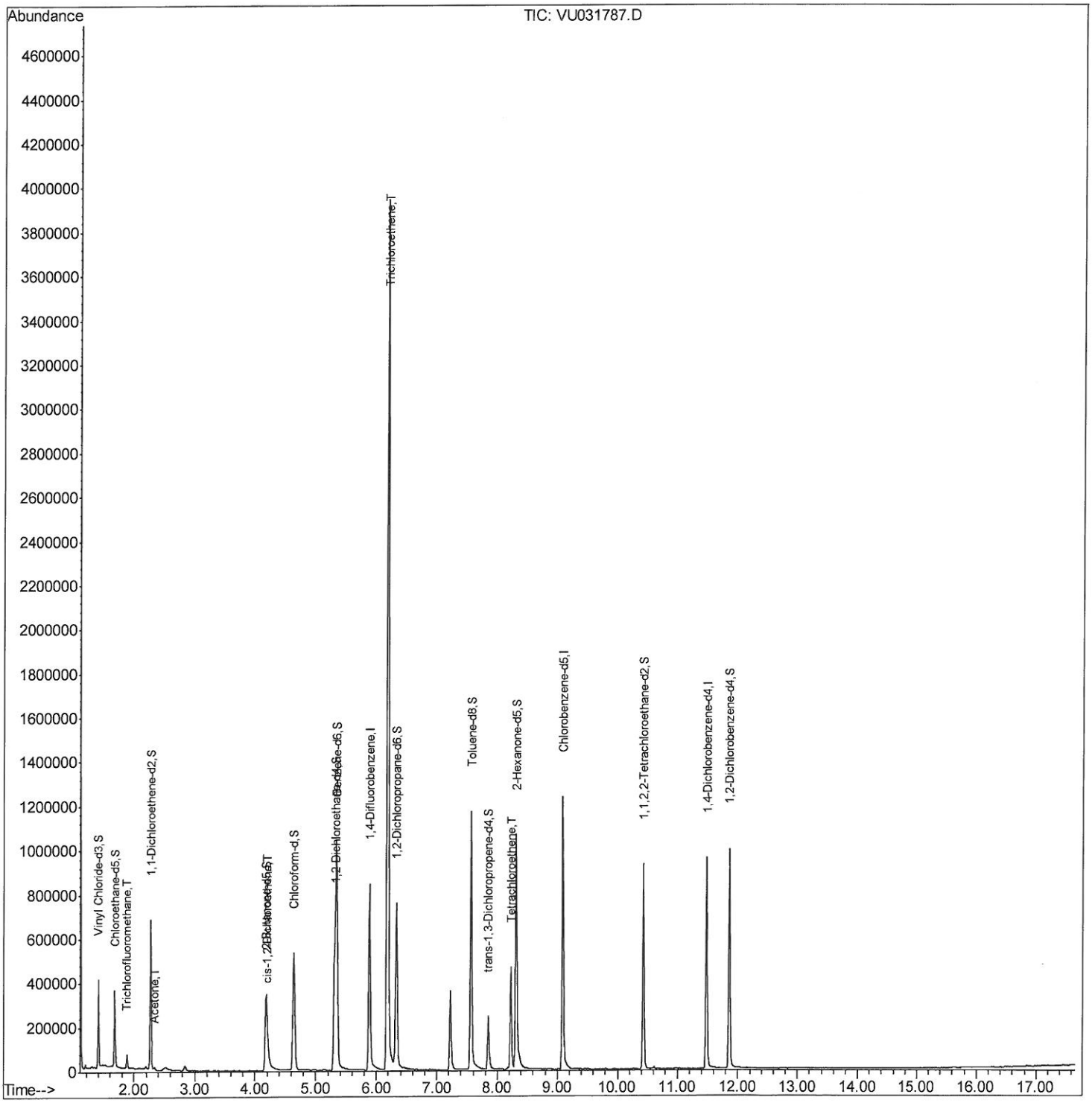
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050619\
Data File : VU031787.D
Acq On : 06 May 2019 18:16
Operator : JC/SP
Sample : K2695-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 07 09:25:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XD5

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:25 PM



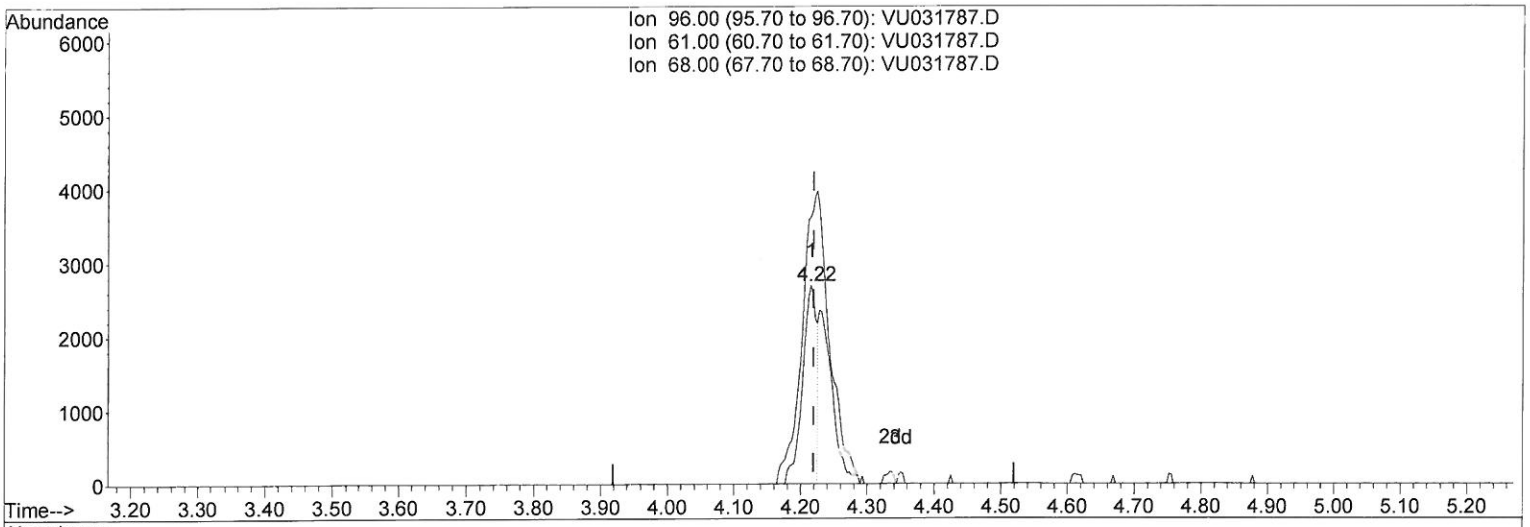
Quantitation Report (Qedit)

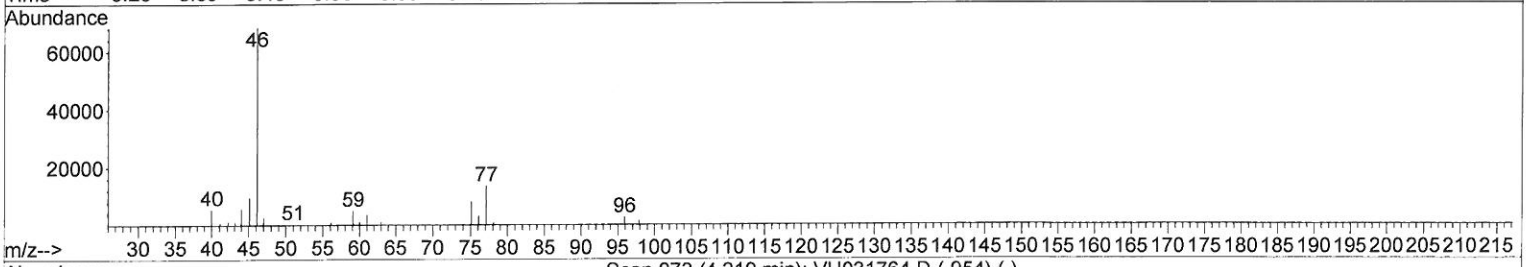
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050619\
Data File : VU031787.D
Acq On : 06 May 2019 18:16
Operator : JC/SP
Sample : K2595-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

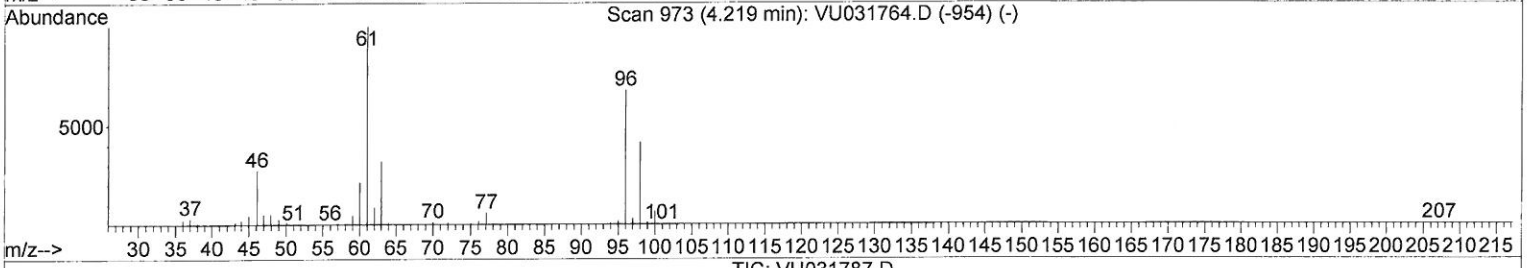
Quant Time: May 07 08:50:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XD5

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:25 PM







TIC: VU031787.D

(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 0.69ug/L

response 3993

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	134.71
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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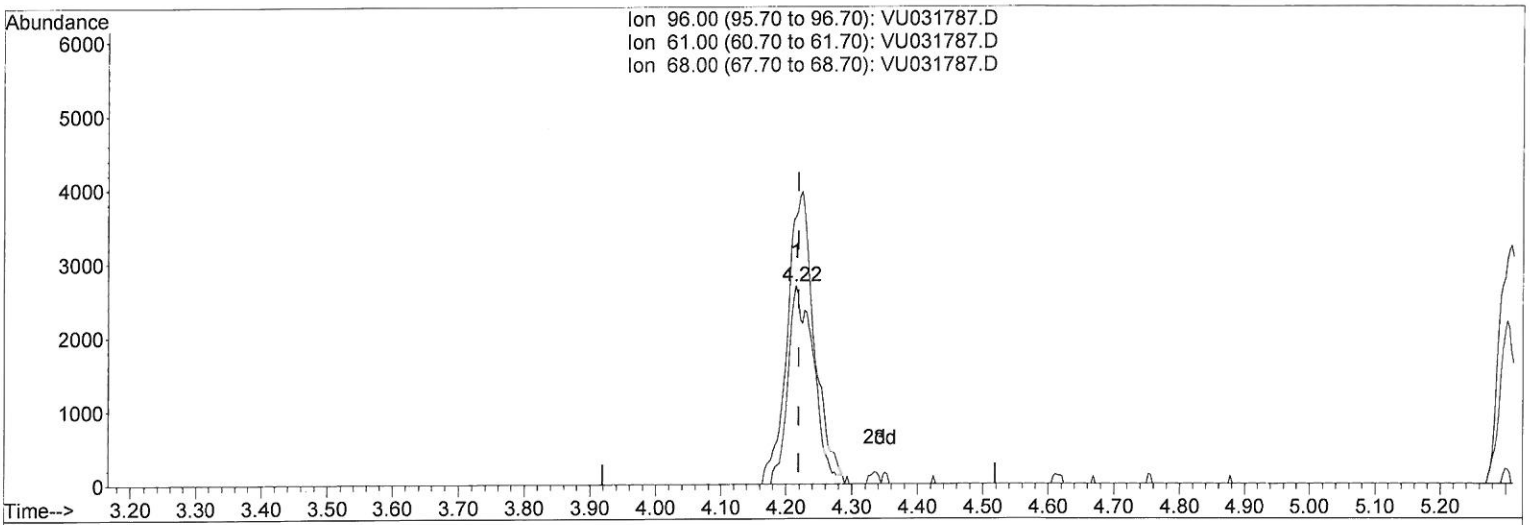
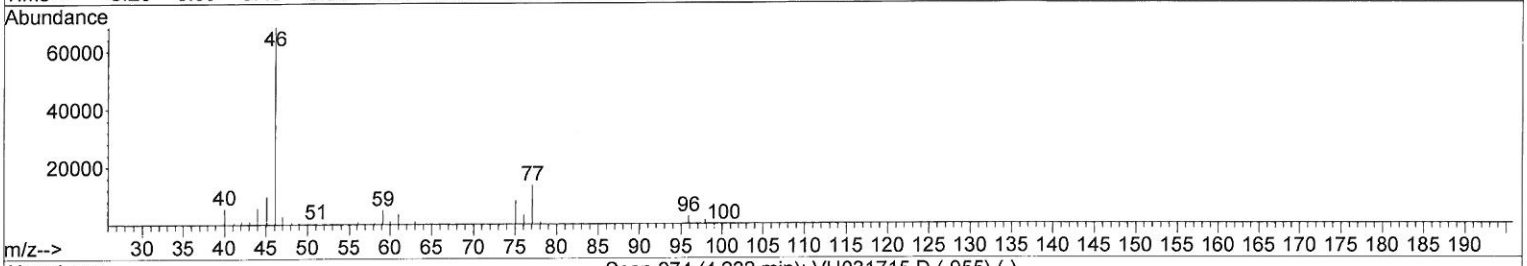
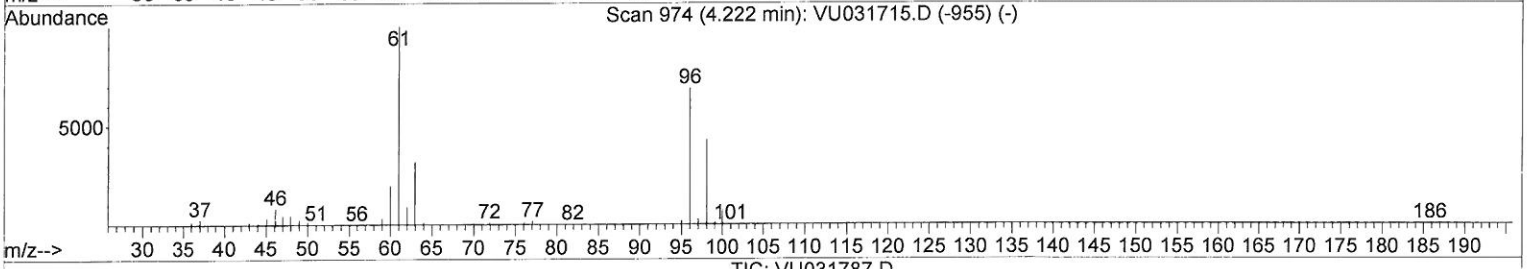
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XD5

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:25 PM







TIC: VU031787.D

(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 1.27ug/L m

response 7332

7 MO 5/12/19

Ion	Exp%	Act%
96.00	100	100
61.00	142.10	134.71
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050619\
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MSVOA_U
ClientSampleId :
C0XD5

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:25 PM

Quant Time: May 07 09:25:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	661469	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233983	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	264032	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.38%			
7) Chloroethane-d5	1.68	69	213180	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.66%			
11) 1,1-Dichloroethene-d2	2.27	63	410132	37.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.40%			
21) 2-Butanone-d5	4.18	46	634096	126.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.42%			
24) Chloroform-d	4.64	84	510714	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.74%			
26) 1,2-Dichloroethane-d4	5.31	65	368596	55.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.30%			
32) Benzene-d6	5.34	84	970376	49.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.16%			
36) 1,2-Dichloropropane-d6	6.33	67	367692	53.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.78%			
41) Toluene-d8	7.56	98	766183	44.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.88%			
43) trans-1,3-Dichloropropene-	7.85	79	137856	46.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.28%			
47) 2-Hexanone-d5	8.31	63	335457	112.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.55%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	472716	51.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	243484	49.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.96%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	31651	3.374	ug/L	98
13) Acetone	2.33	43	9789	1.733	ug/L	62
20) cis-1,2-Dichloroethene	4.22	96	7332m	1.271	ug/L	
34) Trichloroethene	6.18	95	1457382	256.548	ug/L	94
46) Tetrachloroethene	8.22	164	100982	26.075	ug/L	95

MO 5/7/19

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