Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040619\

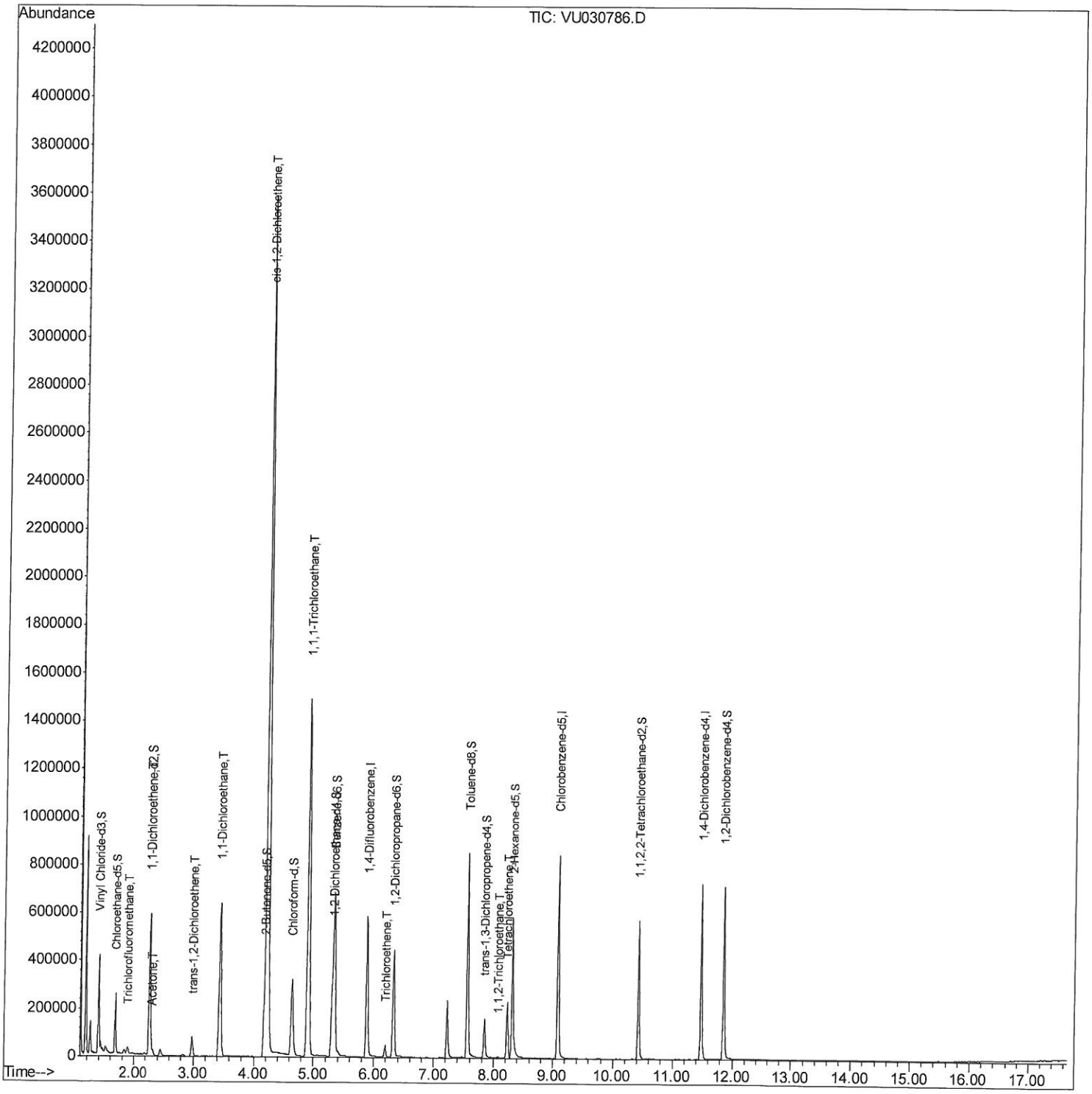
Quantitation Report (QT Reviewed)

Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 08 02:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YE1

Manual Integrations APPROVED
MMDadoda
4/8/2019 2:49:55 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040619\

Quantitation Report (Qedit)

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Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 08 01:08:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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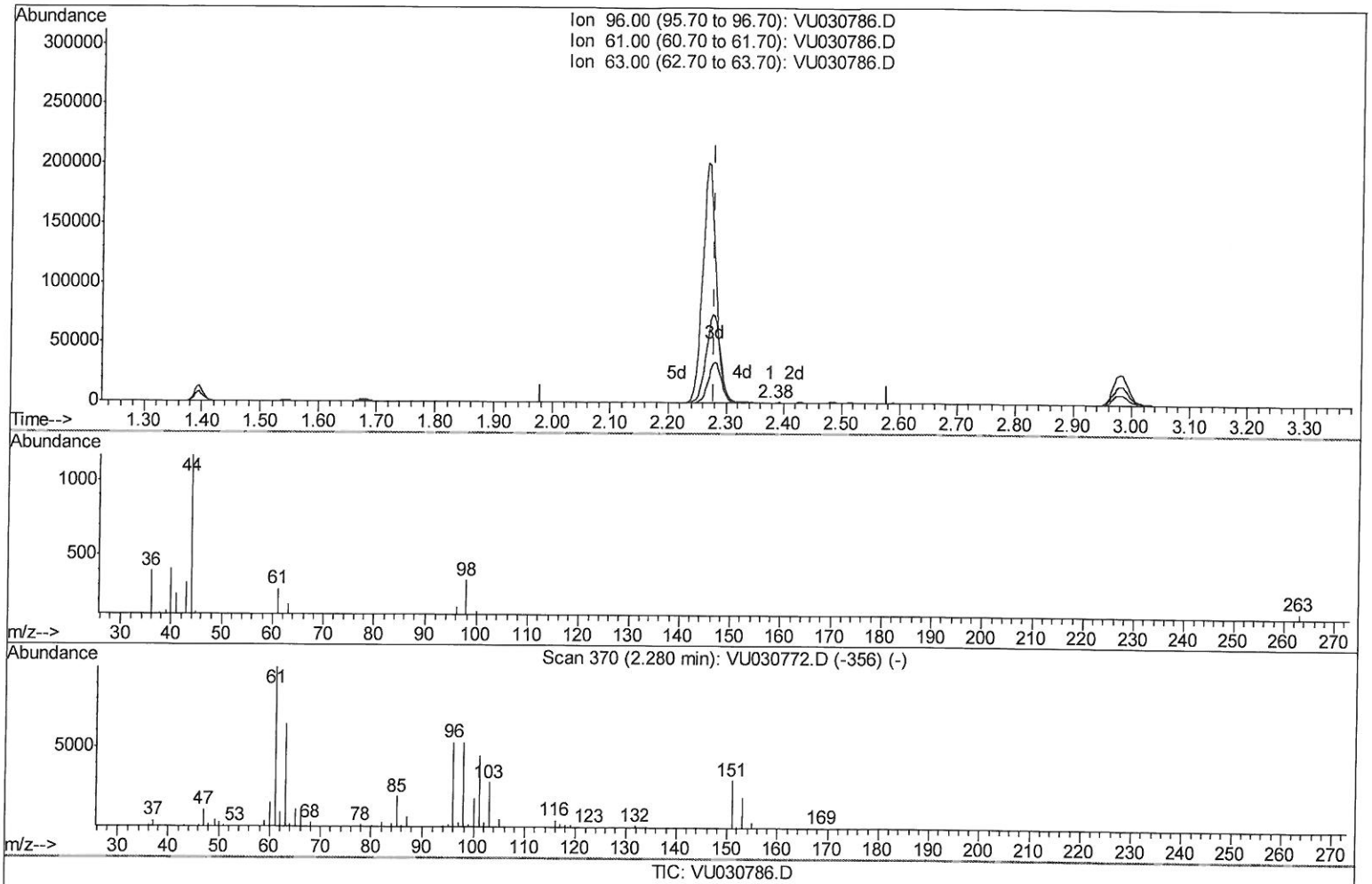
Manual Integrations APPROVED
MMDadoda
4/8/2019 2:49:55 PM



TIC: VU030786.D

(12) 1,1-Dichloroethene (T)

2.376min (+0.097) 0.03ug/L

response 110

Ion	Exp%	Act%
96.00	100	100
61.00	188.60	179.47
63.00	129.90	112.58
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040619\

Quantitation Report (Qedit)

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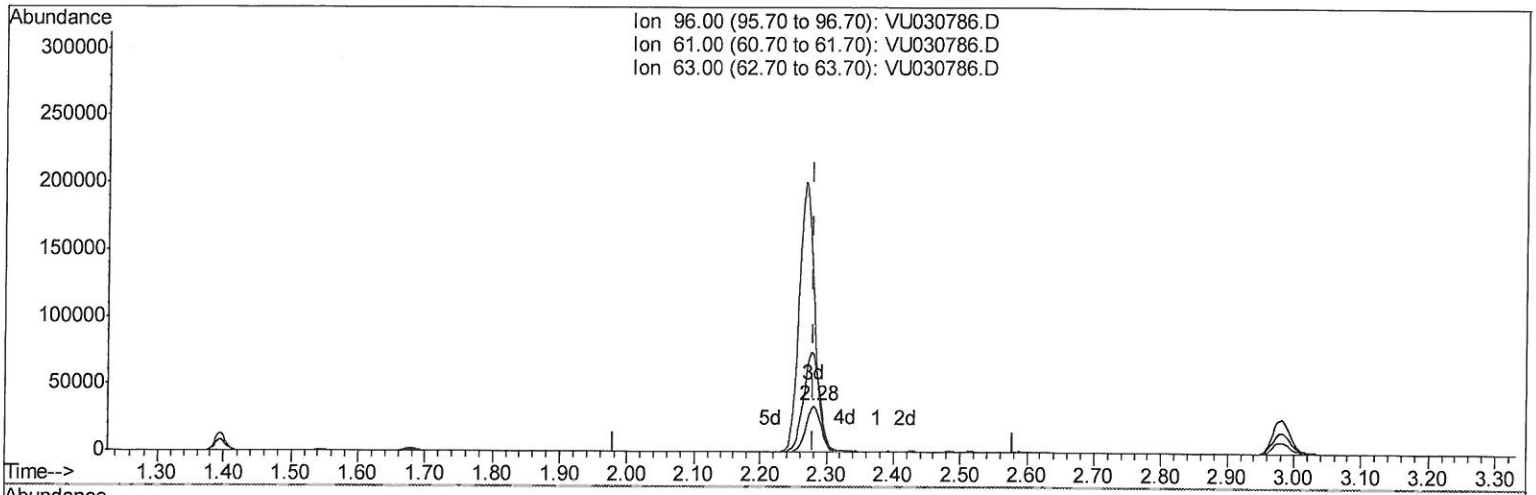
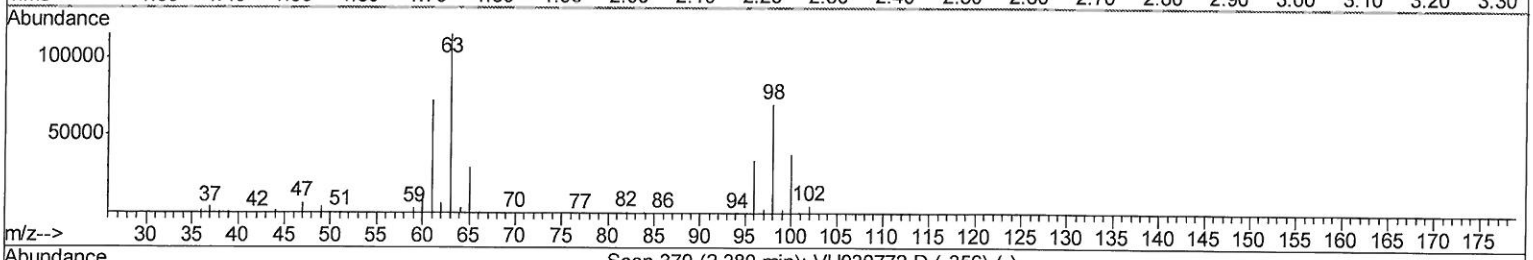
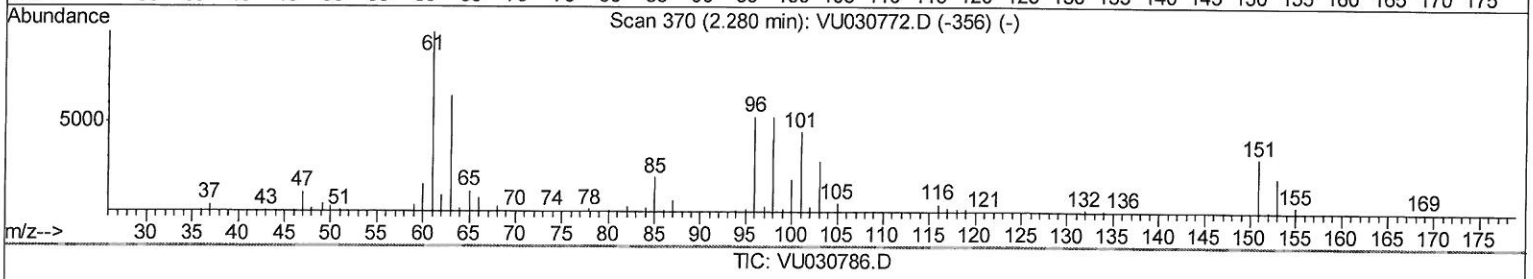
Manual Integrations APPROVED
MMDadoda
4/8/2019 2:49:55 PM







(12) 1,1-Dichloroethene (T)

2.280min (+0.000) 16.73ug/L m

response 54009

Ion	Exp%	Act%
96.00	100	100
61.00	188.60	212.90
63.00	129.90	336.25#
0.00	0.00	0.00

MD 4/9/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040619\

Quantitation Report (QT Reviewed)

Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE1

Manual Integrations APPROVED
MMDadoda
4/8/2019 2:49:55 PM

Quant Time: Apr 08 02:23:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467086	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191136	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	213594	51.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.46%			
7) Chloroethane-d5	1.68	69	164540	51.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.98%			
11) 1,1-Dichloroethene-d2	2.27	63	321937	42.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.38%			
21) 2-Butanone-d5	4.17	46	334198	101.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.13%			
24) Chloroform-d	4.64	84	307857	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
26) 1,2-Dichloroethane-d4	5.31	65	220369	50.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.42%			
32) Benzene-d6	5.34	84	667108	50.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.44%			
36) 1,2-Dichloropropane-d6	6.32	67	227940	50.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.14%			
41) Toluene-d8	7.56	98	565894	48.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.12%			
43) trans-1,3-Dichloropropene-	7.85	79	93850	45.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.42%			
47) 2-Hexanone-d5	8.31	63	195911	94.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.15%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299641	48.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	192794	51.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.58%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	3715	0.621	ug/L	96
12) 1,1-Dichloroethene	2.28	96	54009m	16.728	ug/L	
13) Acetone	2.32	43	21932	6.486	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	30346	8.852	ug/L	96
19) 1,1-Dichloroethane	3.44	63	713259	100.817	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1917271	506.502	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	1154804	208.227	ug/L	100
34) Trichloroethene	6.19	95	17833	4.882	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	2127	0.595	ug/L	90
46) Tetrachloroethene	8.22	164	52149	19.638	ug/L	94

TMD 4/19/19

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