Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031096.D
Acq On : 12 Apr 2019 02:09
Operator : JC/SP
Sample : K2339-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 88 Sample Multiplier: 1

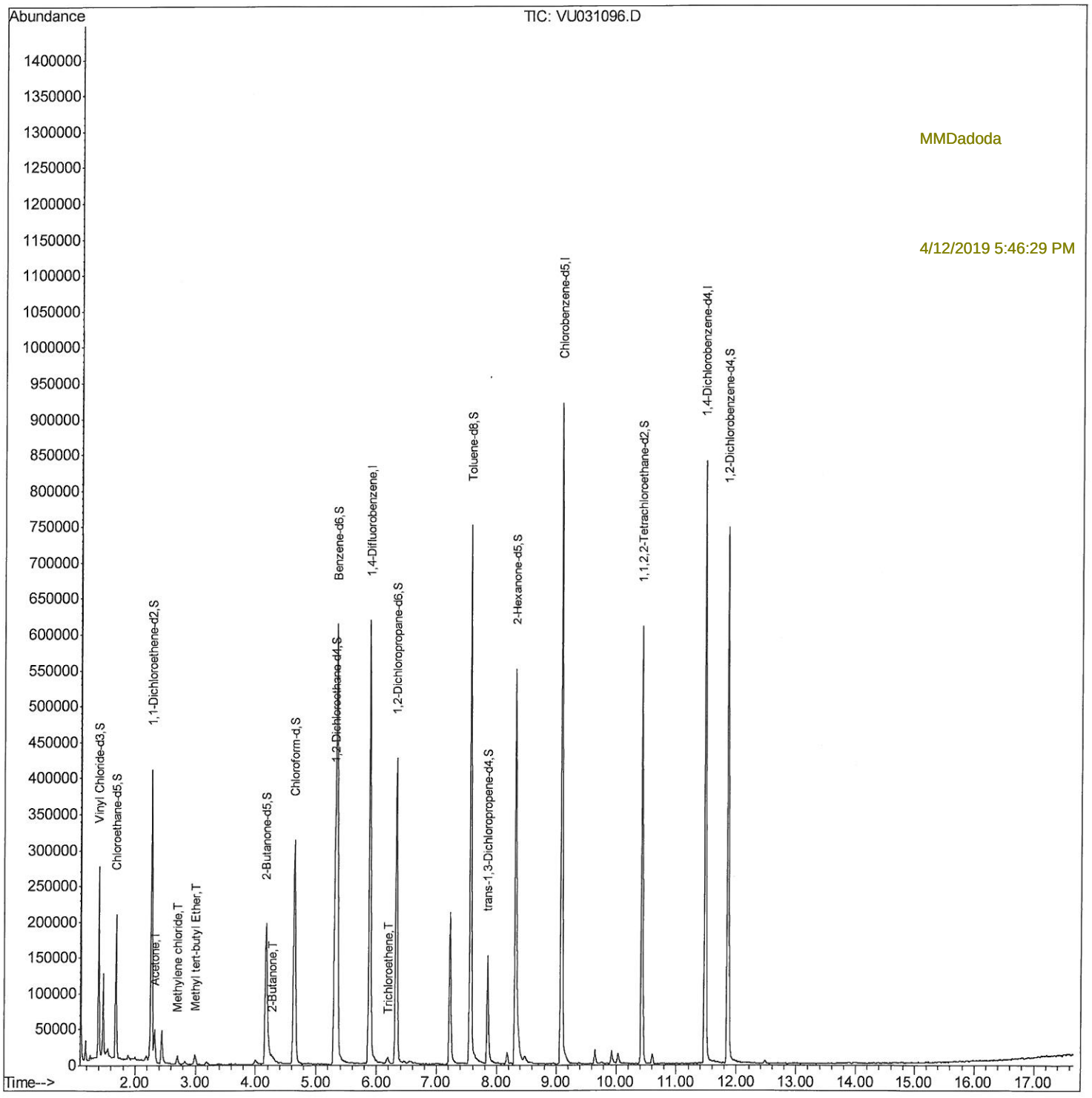
Quant Time: Apr 12 07:42:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC51

Manual Integrations APPROVED

MMDadoda

4/12/2019 5:46:29 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031096.D
Acq On : 12 Apr 2019 02:09
Operator : JC/SP
Sample : K2339-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 88 Sample Multiplier: 1

Quant Time: Apr 12 07:29:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC51

Manual Integrations APPROVED

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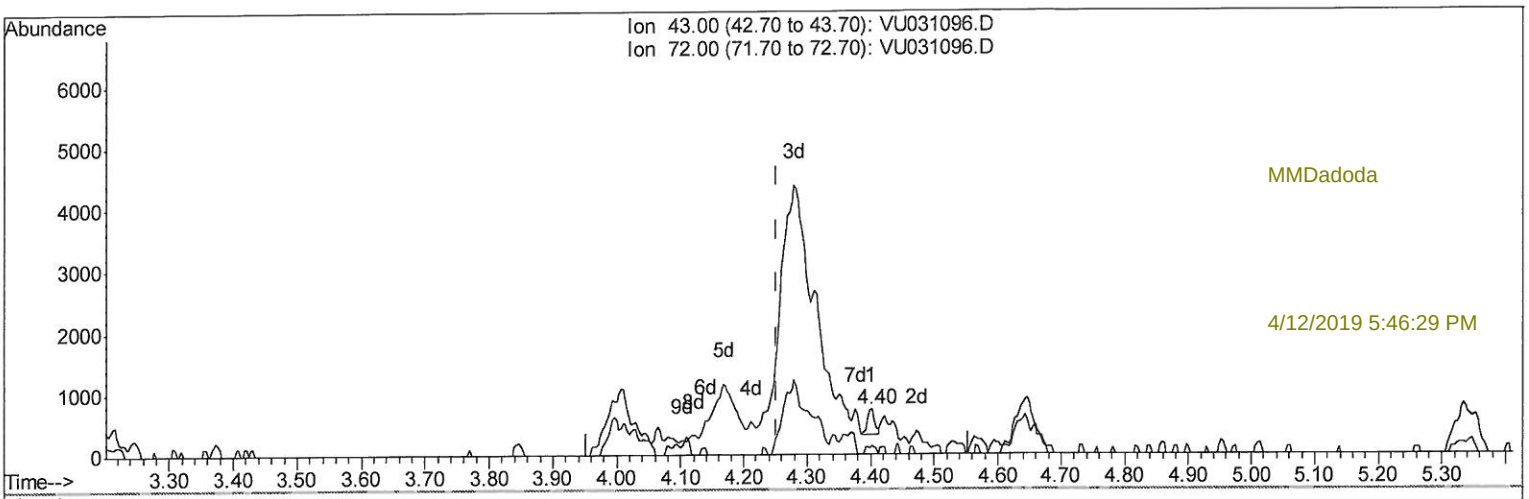
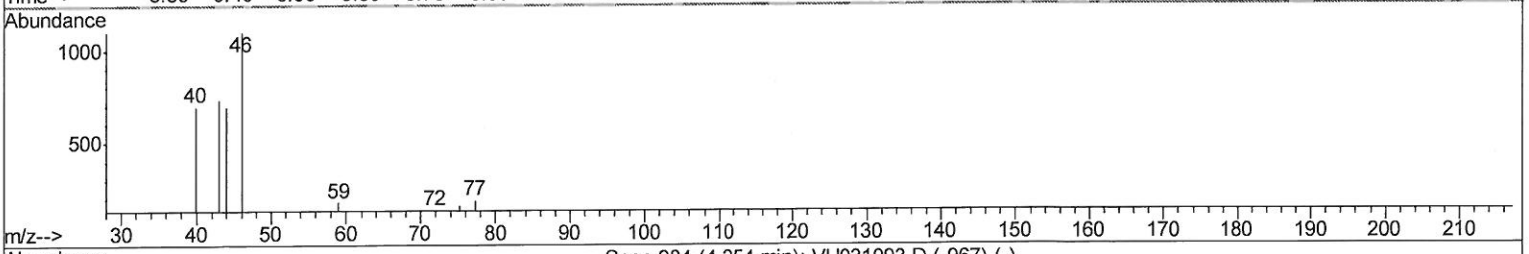
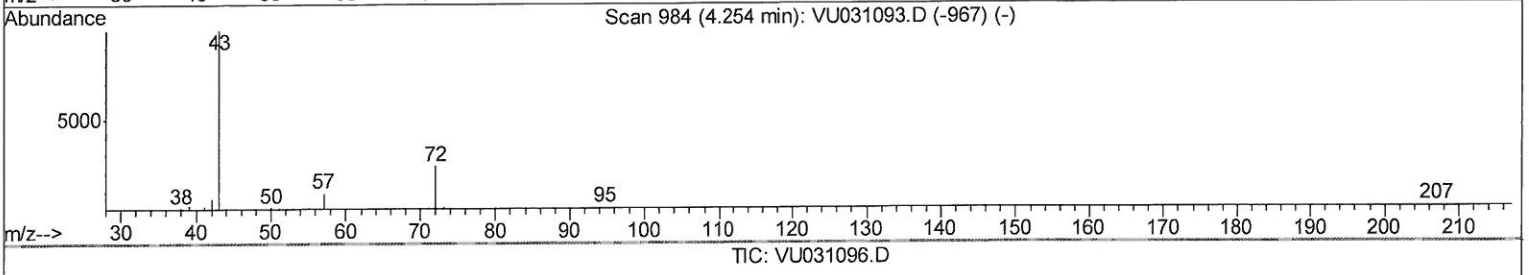
4/12/2019 5:46:29 PM







TIC: VU031096.D

(22) 2-Butanone (T)

4.402min (+0.148) 0.07ug/L

response 319

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	22.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
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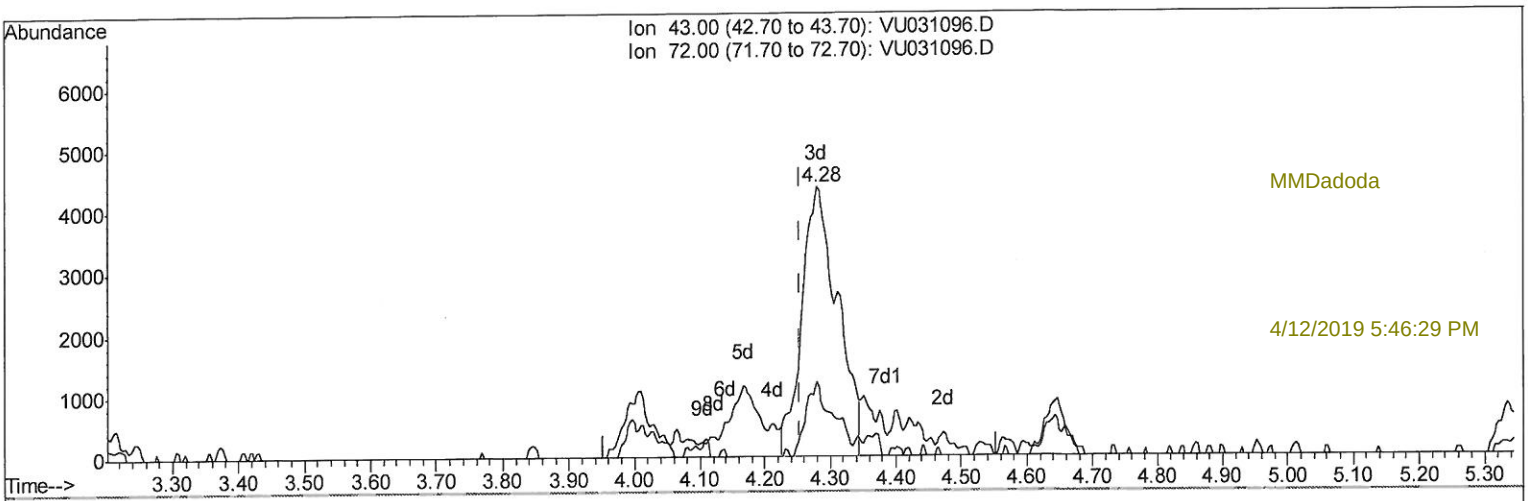
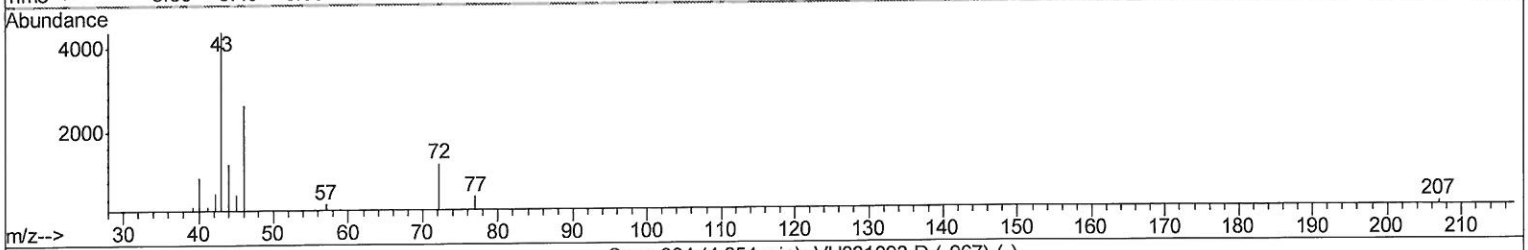
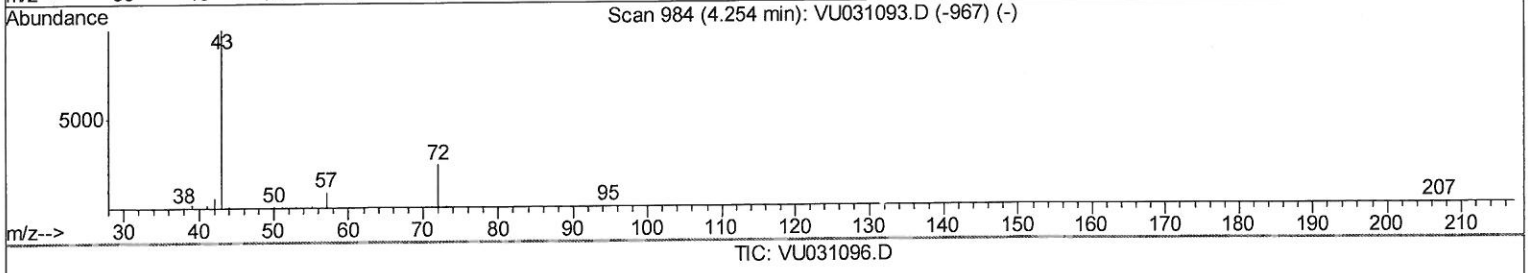
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFC51

Manual Integrations APPROVED







TIC: VU031096.D

(22) 2-Butanone (T)

4.280min (+0.026) 3.83ug/L m

response 16552

DMD 4/13/19

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	0.43#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BFC51

Manual Integrations APPROVED

MMDadoda

4/12/2019 5:46:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	509510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	506795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220302	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	169292	37.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.44%			
7) Chloroethane-d5	1.68	69	139645	40.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.90%			
11) 1,1-Dichloroethene-d2	2.27	63	240571	29.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.48%#			
21) 2-Butanone-d5	4.17	46	335870	93.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.17%			
24) Chloroform-d	4.64	84	317534	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.30	65	216617	45.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.38%			
32) Benzene-d6	5.34	84	601673	40.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.34%			
36) 1,2-Dichloropropane-d6	6.32	67	216639	42.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.46%			
41) Toluene-d8	7.56	98	517214	39.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.88%#			
43) trans-1,3-Dichloropropene-	7.85	79	90023	38.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.88%			
47) 2-Hexanone-d5	8.31	63	186970	80.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313488	45.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	202081	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
Target Compounds						Qvalue
13) Acetone	2.32	43	48607	13.177	ug/L	98
16) Methylene chloride	2.70	84	4552	1.064	ug/L	97
18) Methyl tert-butyl Ether	2.99	73	13275	1.060	ug/L #	89
22) 2-Butanone	4.28	43	16552m	3.827	ug/L	
34) Trichloroethene	6.19	95	2270	0.558	ug/L	86

MD 4/13/19

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