Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034804.D
Acq On : 25 Sep 2019 15:40
Operator : JC/SP
Sample : K5001-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCZ1

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:05:25 PM

Quant Time: Sep 26 06:02:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	496192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	465506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	194757	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	199442	39.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.52%			
7) Chloroethane-d5	1.67	69	175156m	44.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.22%			
11) 1,1-Dichloroethene-d2	2.26	63	264587	30.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.52%			
21) 2-Butanone-d5	4.15	46	385754	99.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.08%			
24) Chloroform-d	4.62	84	337218	45.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.32%			
26) 1,2-Dichloroethane-d4	5.29	65	241683	44.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.04%			
32) Benzene-d6	5.32	84	719690	49.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.76%			
36) 1,2-Dichloropropane-d6	6.31	67	253186	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.40%			
41) Toluene-d8	7.54	98	667773	48.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.30%			
43) trans-1,3-Dichloropropene-	7.83	79	108469	44.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.82%			
47) 2-Hexanone-d5	8.29	63	250959	99.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.08%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328222	46.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.82%			
64) 1,2-Dichlorobenzene-d4	11.84	152	214471	52.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.04%			
Target Compounds						Qvalue
13) Acetone	2.31	43	58041	12.816	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	66426	5.044	ug/L	95

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

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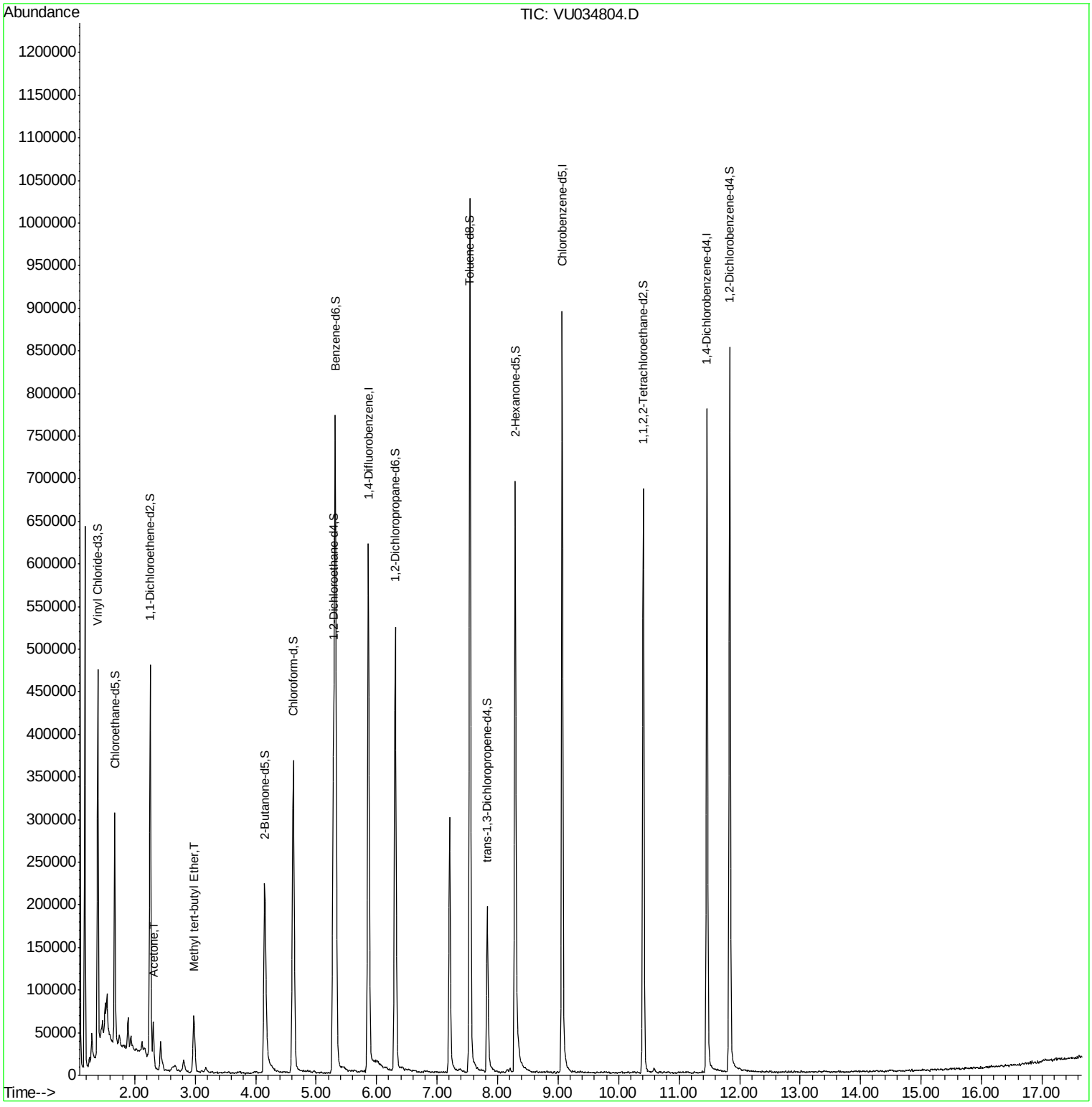

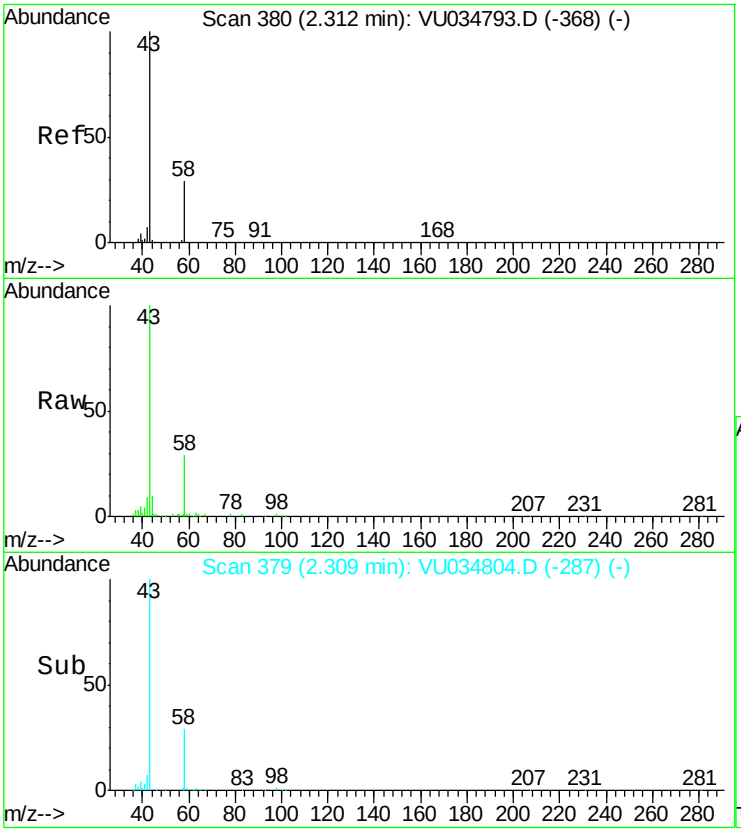

#13
Acetone
Concen: 12.816 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VU034804.D
Acq: 25 Sep 2019 15:40

Tgt Ion: 43 Resp: 58041

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	53.4

Instrument :
MSVOA_U
ClientSampleId :
BFCZ1

Manual Integrations APPROVED
MMDadoda
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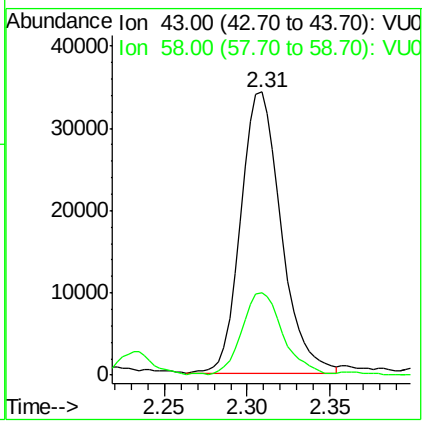

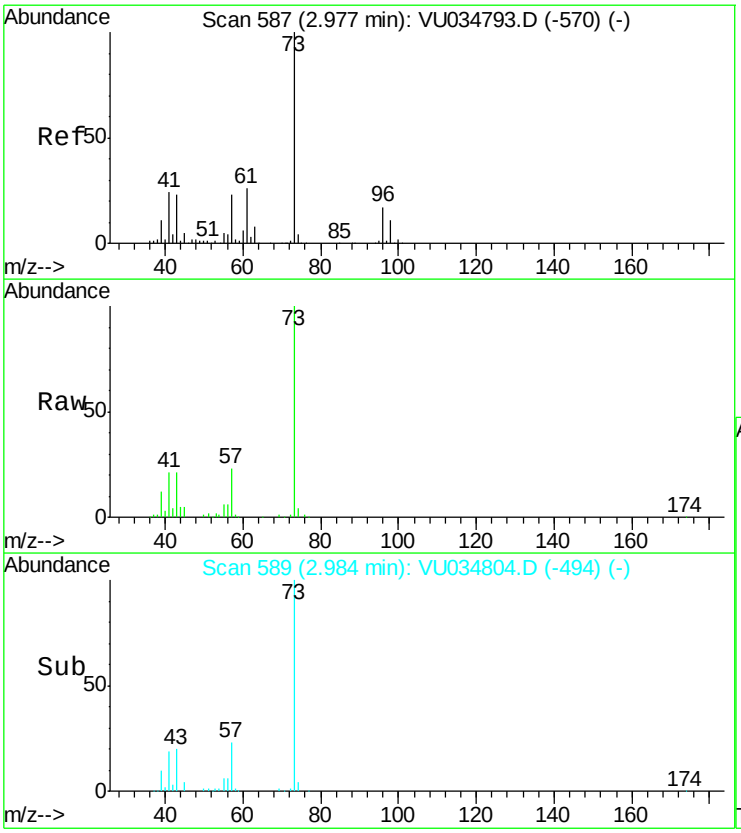

#18
Methyl tert-butyl Ether
Concen: 5.044 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU034804.D
Acq: 25 Sep 2019 15:40

Tgt Ion: 73 Resp: 66426

Ion	Ratio	Lower	Upper
73	100		
43	23.4	20.9	31.3
57	27.0	19.5	29.3