Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024161.D
Acq On : 26 May 2018 21:46
Operator : MD/SY
Sample : J3091-14 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 02:01:06 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:49:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	286825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93806	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	86261	39.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.12%			
7) Chloroethane-d5	1.68	69	75181	43.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.84%			
11) 1,1-Dichloroethene-d2	2.27	63	127547	31.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.90%			
21) 2-Butanone-d5	4.18	46	171068	98.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.68%			
24) Chloroform-d	4.65	84	181138	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.72%			
26) 1,2-Dichloroethane-d4	5.31	65	116258	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
32) Benzene-d6	5.35	84	348684	46.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.22%			
36) 1,2-Dichloropropane-d6	6.34	67	124695	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.22%			
41) Toluene-d8	7.57	98	300705	42.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.82%			
43) trans-1,3-Dichloropropene-	7.85	79	44533	43.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.42%			
47) 2-Hexanone-d5	8.31	63	118746	96.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.03%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173530	45.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.87	152	109507	53.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.48%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	11685	3.36	ug/L	100
34) Trichloroethene	6.19	95	350956	137.35	ug/L	99
46) Tetrachloroethene	8.23	164	20912	11.70	ug/L	97

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

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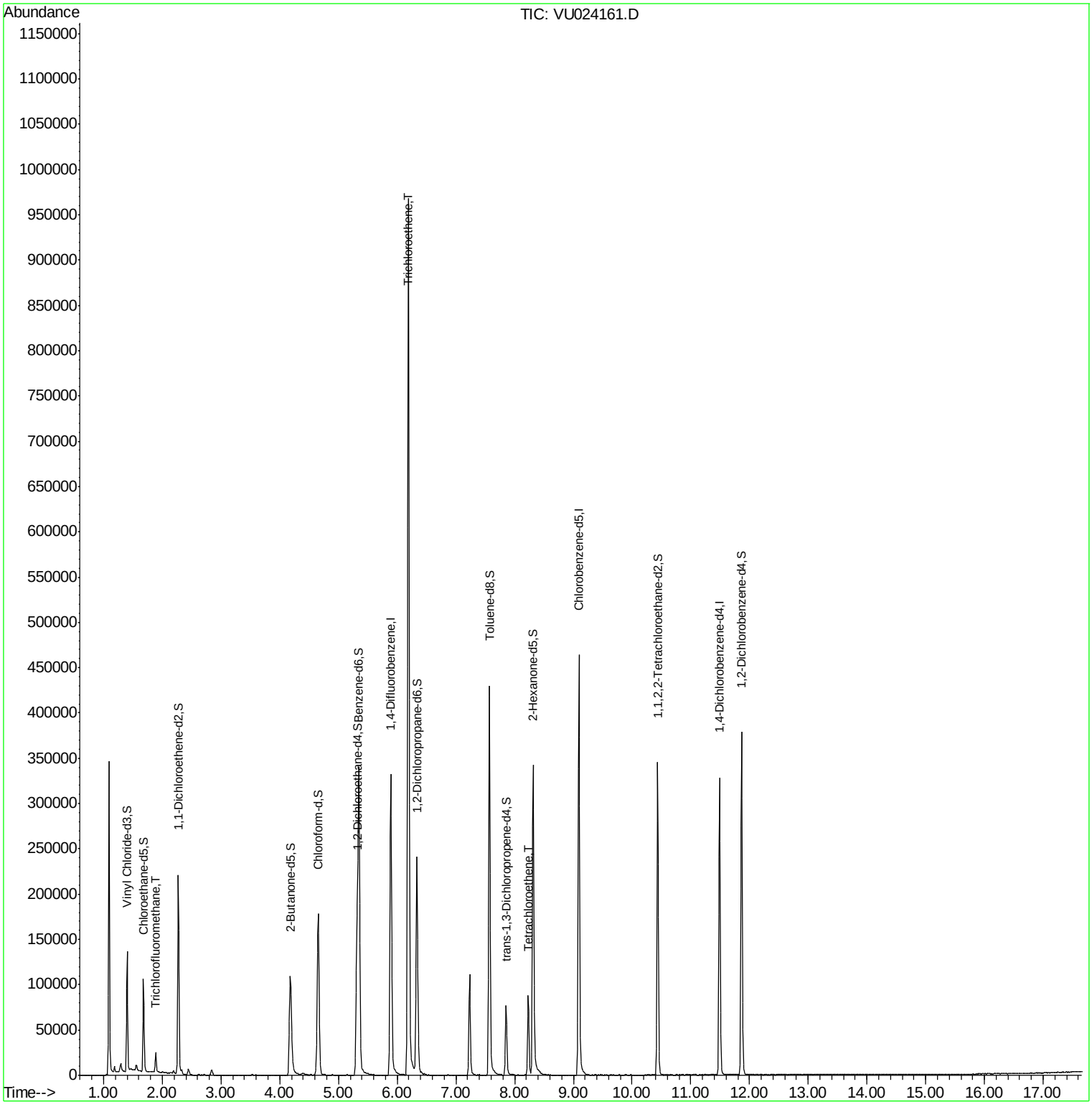
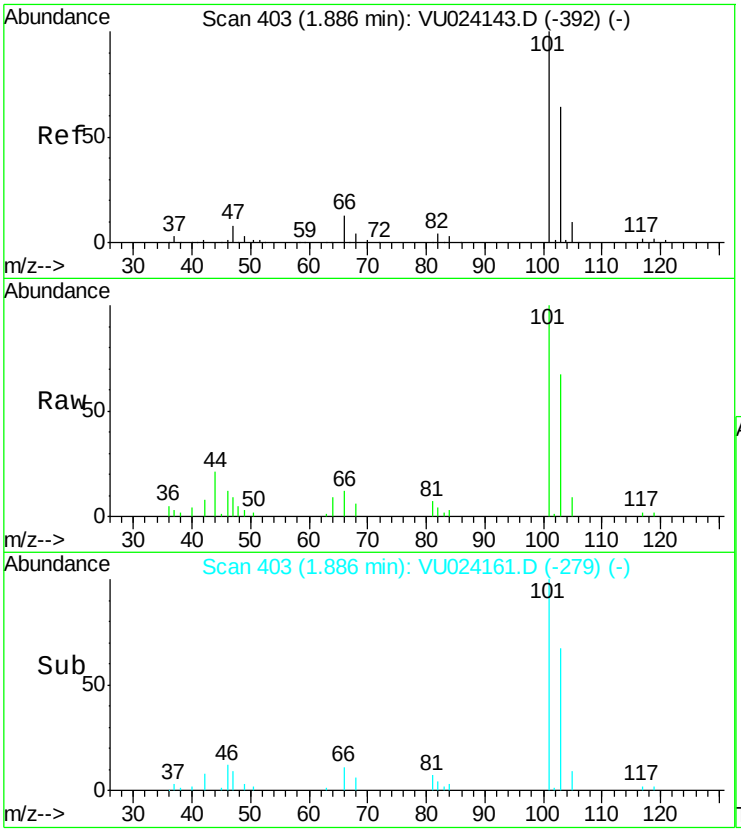
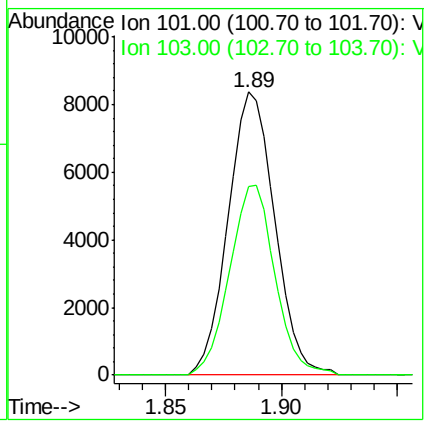


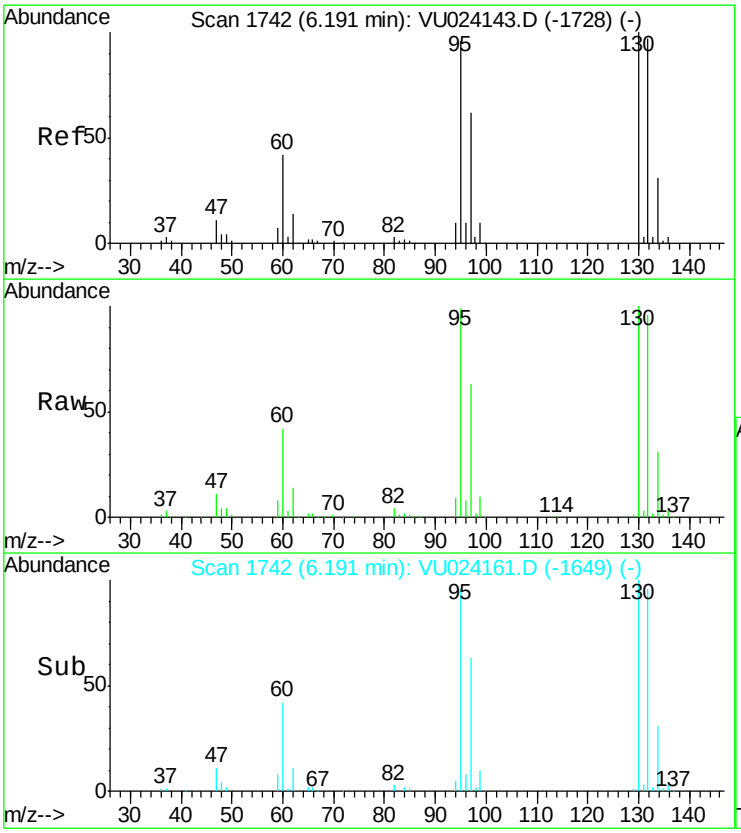


#9
Trichlorofluoromethane
Concen: 3.36 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024161.D
Acq: 26 May 2018 21:46

Tgt Ion:101 Resp: 11685

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

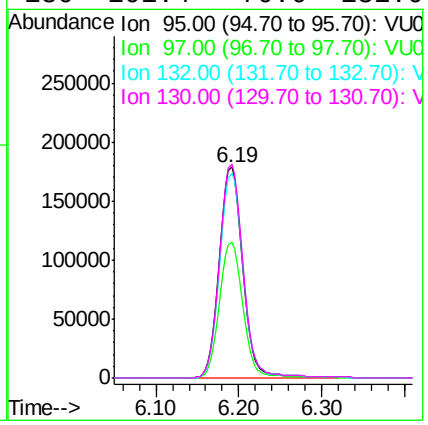


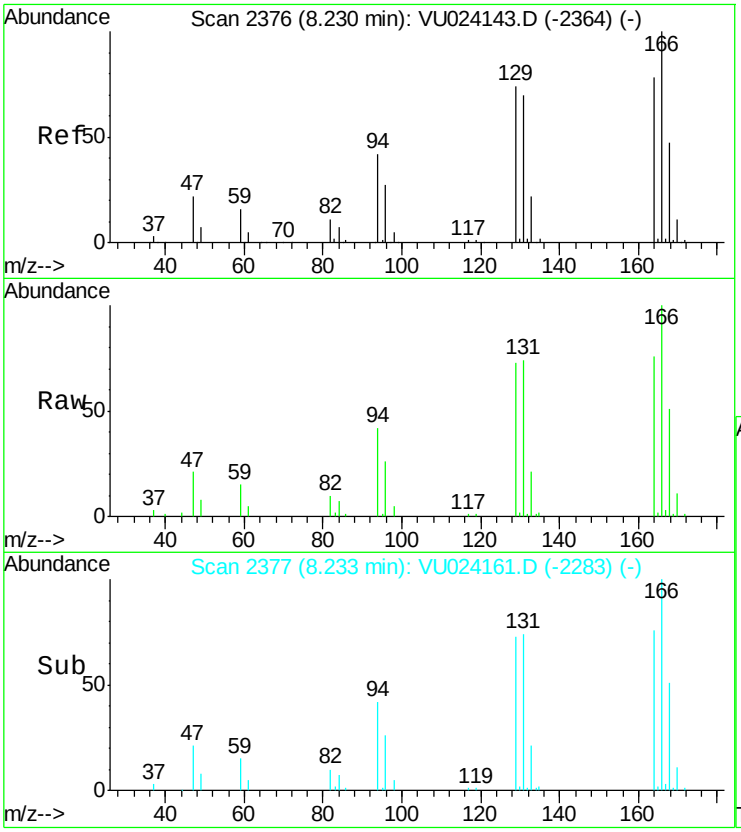


#34
Trichloroethene
Concen: 137.35 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024161.D
Acq: 26 May 2018 21:46

Tgt Ion: 95 Resp: 350956

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	97.0	69.0	128.2
130	101.4	70.6	131.0





#46
Tetrachloroethene
Concen: 11.70 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024161.D
Acq: 26 May 2018 21:46

Tgt Ion:164 Resp: 20912

Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.6	123.6
131	97.1	64.5	119.9
166	131.1	89.3	165.9