Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024154.D
Acq On : 26 May 2018 18:48
Operator : MD/SY
Sample : J3091-05 DL50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 28 01:31:16 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	286710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95071	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	86213	39.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.10%			
7) Chloroethane-d5	1.68	69	74140	42.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.66%			
11) 1,1-Dichloroethene-d2	2.27	63	126976	31.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.64%			
21) 2-Butanone-d5	4.18	46	165191	95.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.33%			
24) Chloroform-d	4.65	84	174931	44.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.58%			
26) 1,2-Dichloroethane-d4	5.31	65	115401	46.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%			
32) Benzene-d6	5.35	84	344169	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.76%			
36) 1,2-Dichloropropane-d6	6.34	67	120525	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.76%			
41) Toluene-d8	7.57	98	294910	42.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.84%			
43) trans-1,3-Dichloropropene-	7.85	79	43226	42.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.58%			
47) 2-Hexanone-d5	8.31	63	113180	92.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.28%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169491	45.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.87	152	108166	51.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.78%			
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	80759	31.86	ug/L	98
46) Tetrachloroethene	8.23	164	2667	1.50	ug/L	96

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

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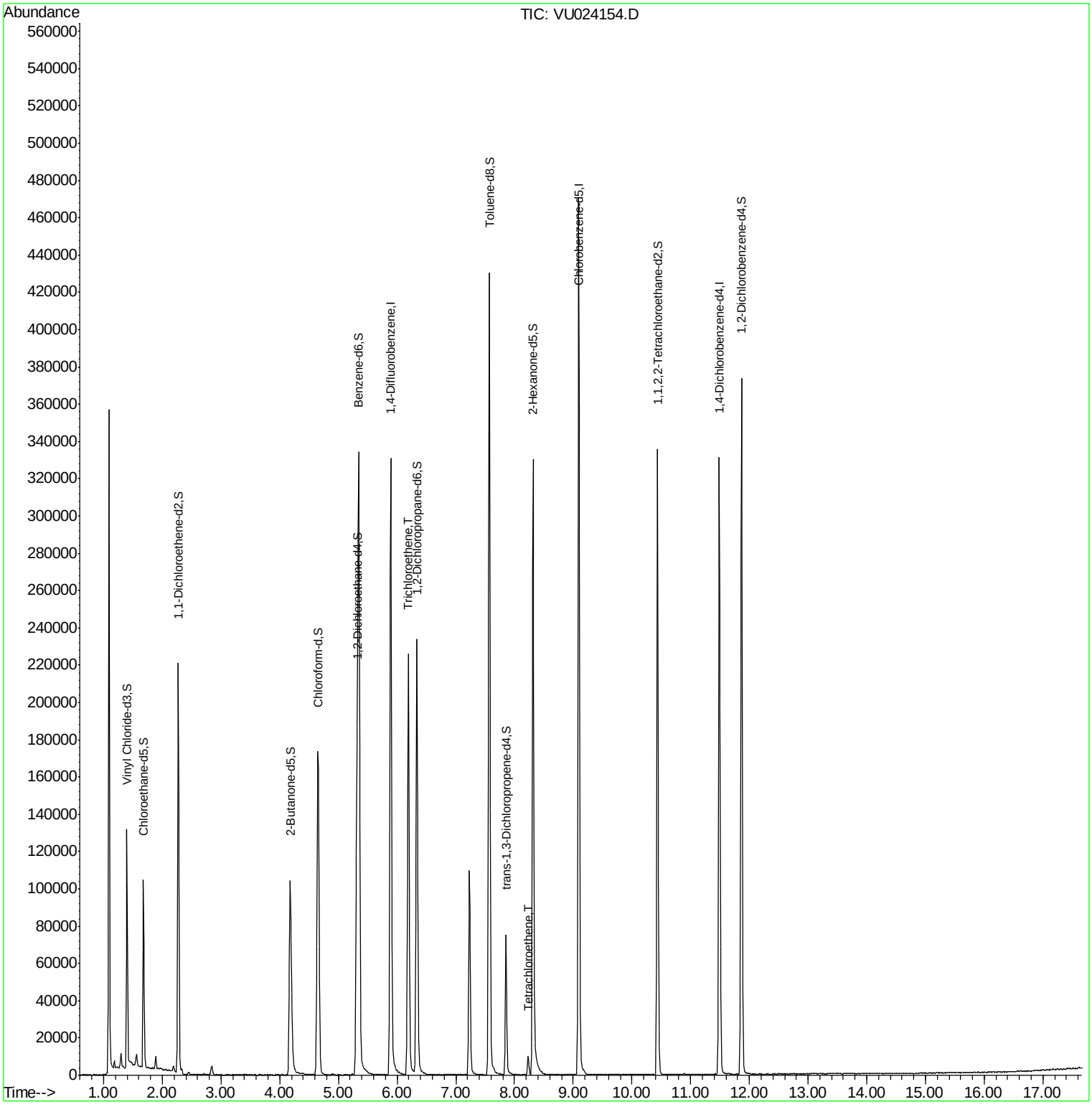
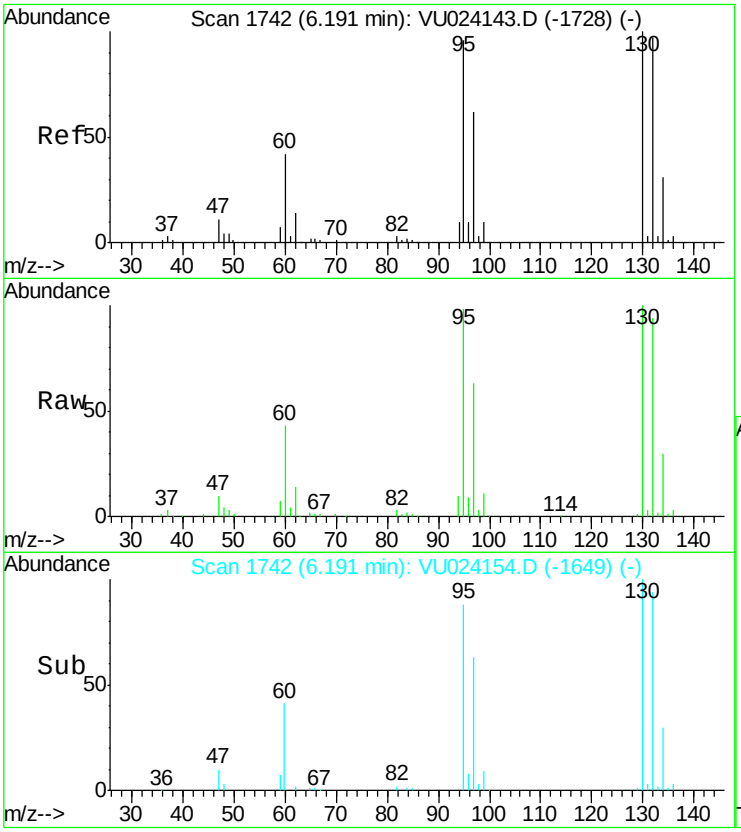
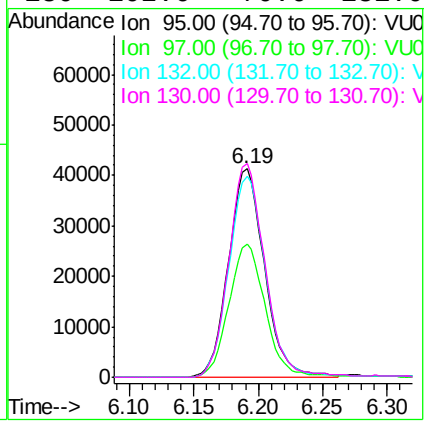


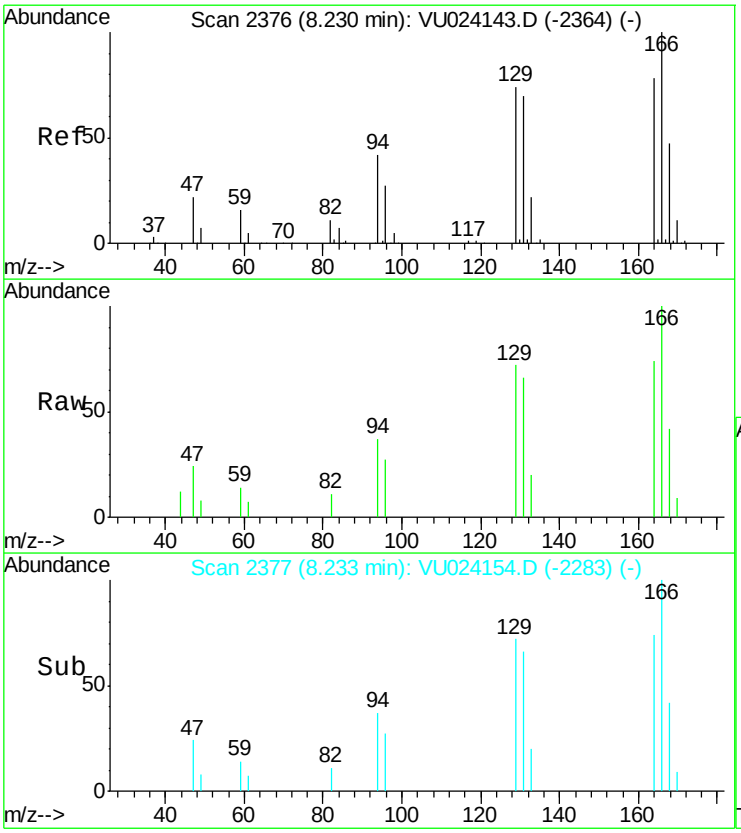


#34
Trichloroethene
Concen: 31.86 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024154.D
Acq: 26 May 2018 18:48

Tgt Ion: 95 Resp: 80759

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.5	82.7
132	96.4	69.0	128.2
130	102.6	70.6	131.0





#46
Tetrachloroethene
Concen: 1.50 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024154.D
Acq: 26 May 2018 18:48

Tgt Ion:164 Resp: 2667

Ion	Ratio	Lower	Upper
164	100		
129	96.7	66.6	123.6
131	88.2	64.5	119.9
166	134.6	89.3	165.9