Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024163.D
Acq On : 26 May 2018 22:37
Operator : MD/SY
Sample : J3091-18 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 28 02:06:29 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	272857	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	253833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	84545	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79387	38.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.54%			
7) Chloroethane-d5	1.68	69	71221	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.48%			
11) 1,1-Dichloroethene-d2	2.27	63	114799	29.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.50%#			
21) 2-Butanone-d5	4.18	46	170421	103.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.34%			
24) Chloroform-d	4.65	84	171094	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.06%			
26) 1,2-Dichloroethane-d4	5.31	65	114390	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.16%			
32) Benzene-d6	5.35	84	335000	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.38%			
36) 1,2-Dichloropropane-d6	6.34	67	117709	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.78%			
41) Toluene-d8	7.57	98	271200	41.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.32%			
43) trans-1,3-Dichloropropene-	7.85	79	41826	43.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.38%			
47) 2-Hexanone-d5	8.31	63	117704	102.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.47%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169479	48.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.50%			
64) 1,2-Dichlorobenzene-d4	11.87	152	98965	53.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.78%			
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	44977	18.95	ug/L	97
46) Tetrachloroethene	8.23	164	3806	2.29	ug/L	95

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

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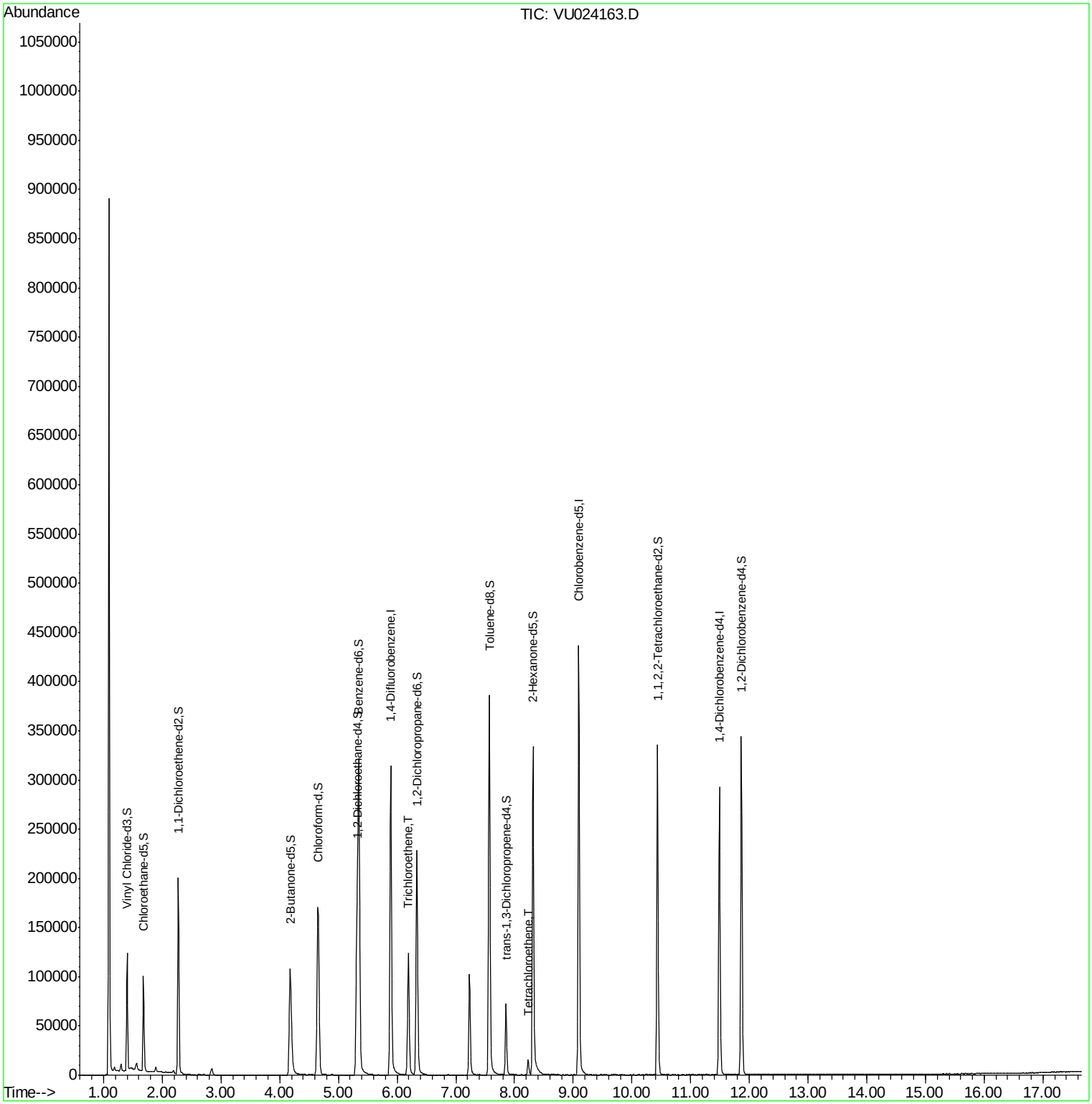
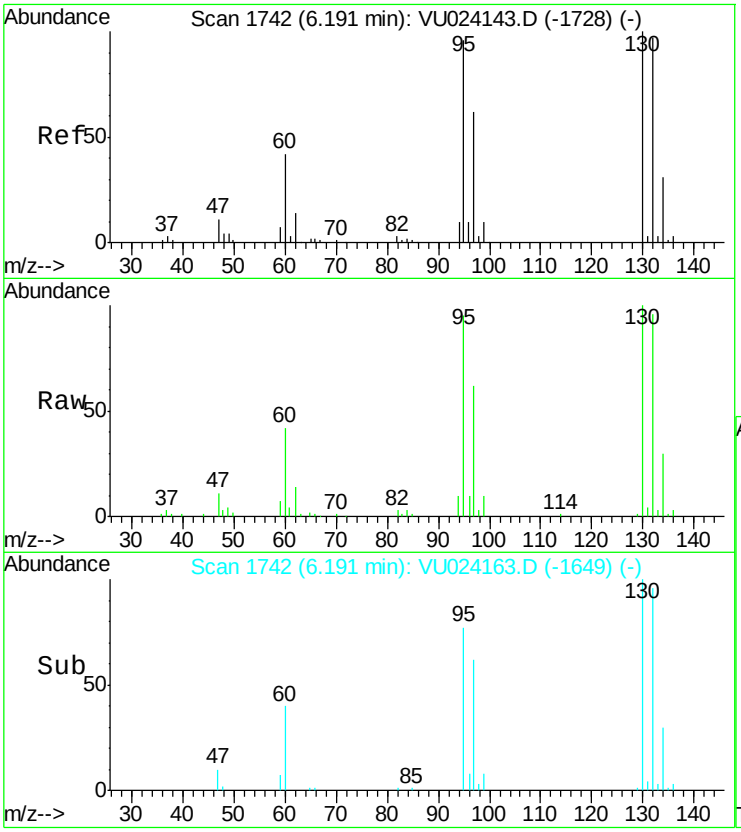
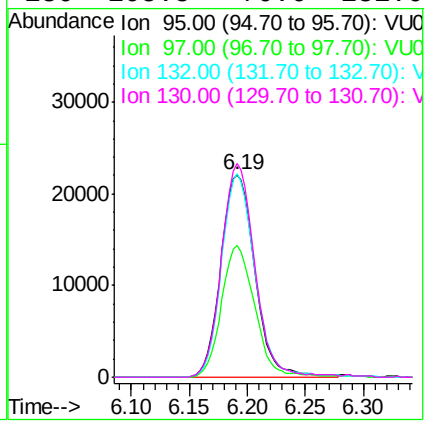


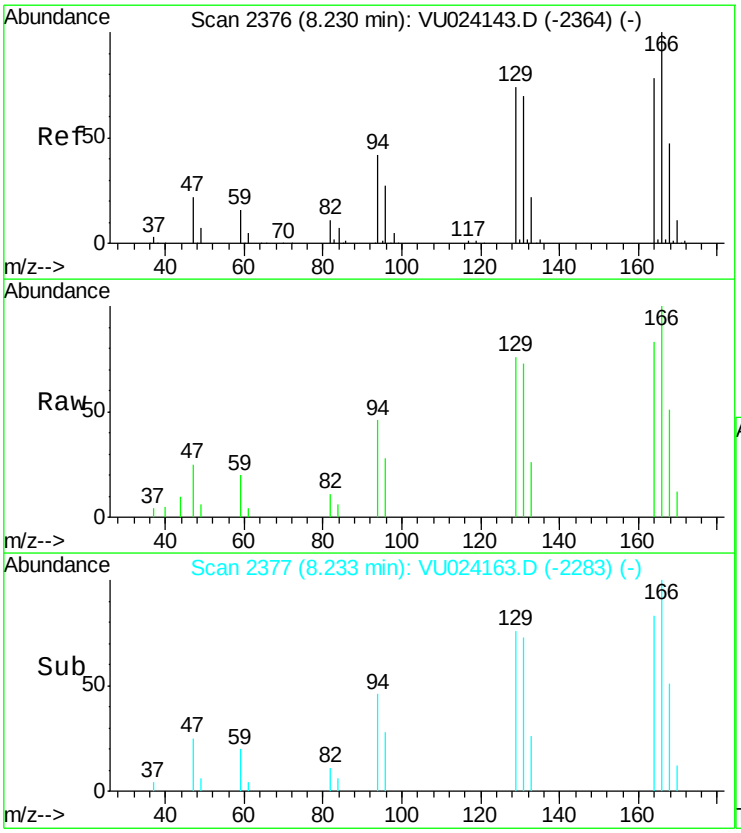


#34
Trichloroethene
Concen: 18.95 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024163.D
Acq: 26 May 2018 22:37

Tgt Ion: 95 Resp: 44977

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	100.8	69.0	128.2
130	105.5	70.6	131.0





#46
Tetrachloroethene
Concen: 2.29 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024163.D
Acq: 26 May 2018 22:37

Tgt Ion:164 Resp: 3806

Ion	Ratio	Lower	Upper
164	100		
129	91.5	66.6	123.6
131	87.9	64.5	119.9
166	119.8	89.3	165.9