Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024191.D
Acq On : 27 May 2018 16:17
Operator : MD/SY
Sample : J3089-20 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 28 04:43:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 04:17:49 2018
Response via : Initial Calibration

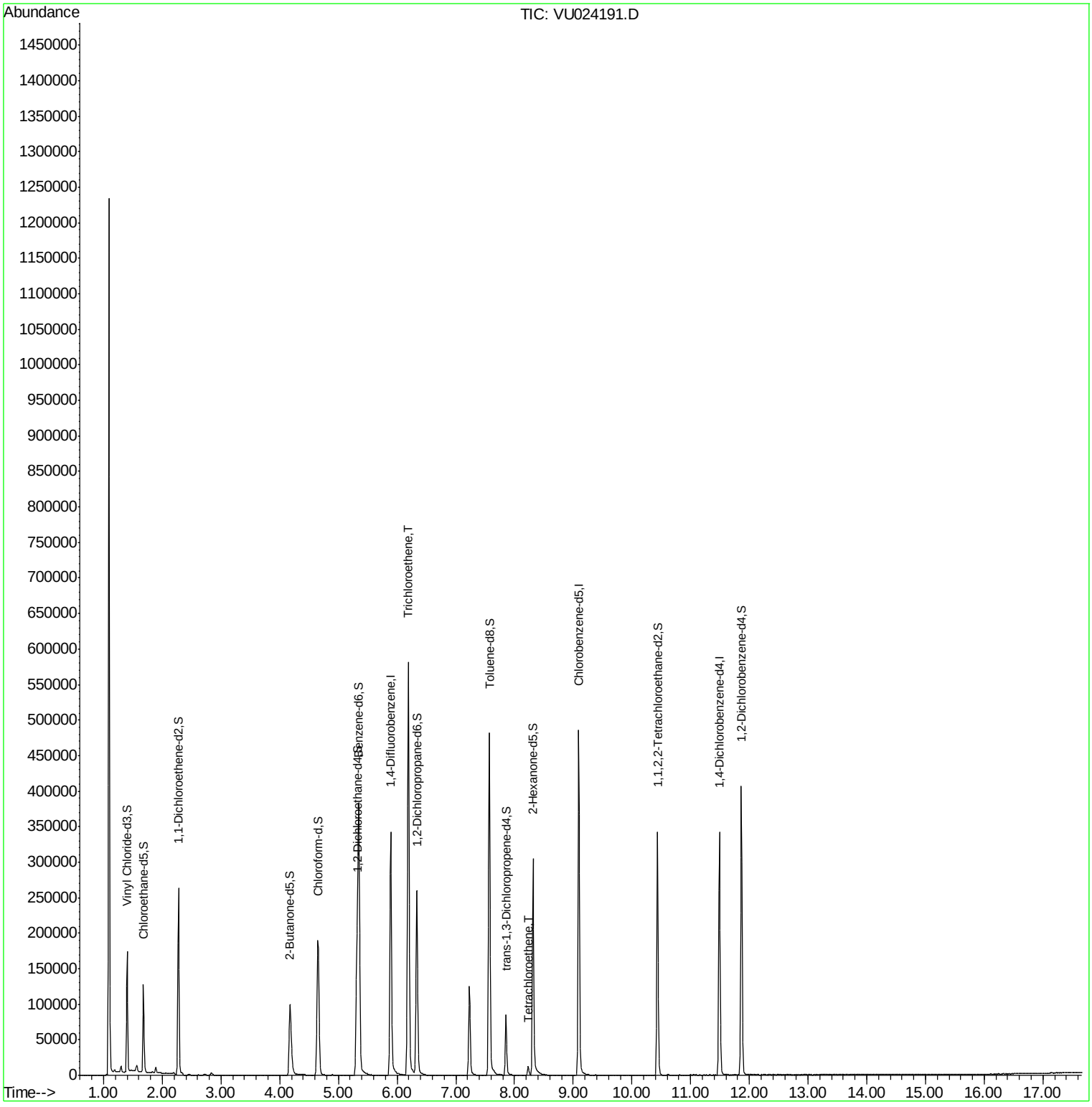
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96867	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	112617	49.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.06%			
7) Chloroethane-d5	1.68	69	91381	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.22%			
11) 1,1-Dichloroethene-d2	2.27	63	152376	36.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.04%			
21) 2-Butanone-d5	4.18	46	160386	88.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.72%			
24) Chloroform-d	4.65	84	191173	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
26) 1,2-Dichloroethane-d4	5.31	65	127103	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.48%			
32) Benzene-d6	5.35	84	391848	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.30%			
36) 1,2-Dichloropropane-d6	6.34	67	136834	52.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.24%			
41) Toluene-d8	7.57	98	340985	48.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.06%			
43) trans-1,3-Dichloropropene-	7.85	79	47828	45.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.62%			
47) 2-Hexanone-d5	8.31	63	105572	84.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.28%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172627	45.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	113865	53.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.22%			
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	210005	81.13	ug/L	98
46) Tetrachloroethene	8.23	164	2943	1.63	ug/L	97

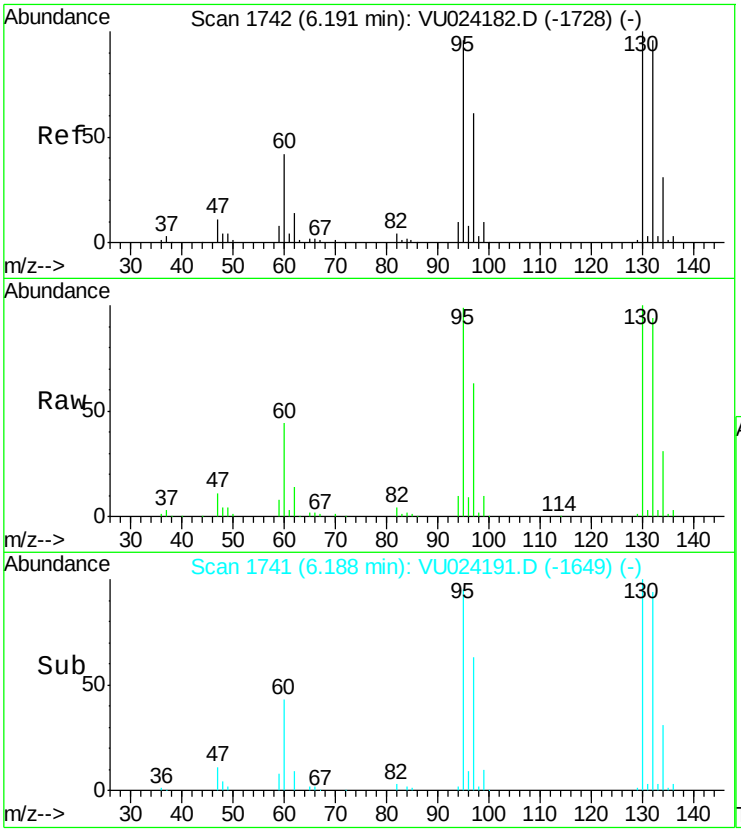
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024191.D
Acq On : 27 May 2018 16:17
Operator : MD/SY
Sample : J3089-20 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 28 04:43:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 04:17:49 2018
Response via : Initial Calibration

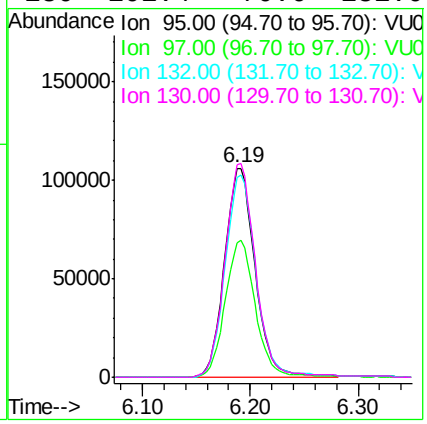


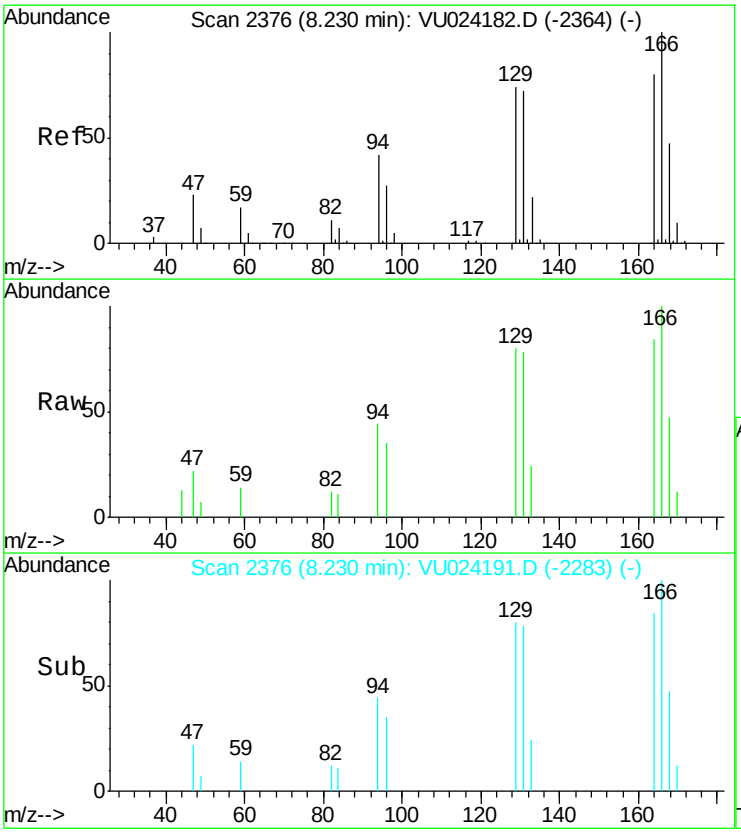


#34
Trichloroethene
Concen: 81.13 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024191.D
Acq: 27 May 2018 16:17

Tgt Ion: 95 Resp: 210005

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	95.3	69.0	128.2
130	101.4	70.6	131.0





#46
Tetrachloroethene
Concen: 1.63 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024191.D
Acq: 27 May 2018 16:17

Tgt Ion:164 Resp: 2943

Ion	Ratio	Lower	Upper
164	100		
129	95.6	66.6	123.6
131	92.5	64.5	119.9
166	118.9	89.3	165.9