Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024209.D
Acq On : 28 May 2018 00:16
Operator : MD/SY
Sample : J3091-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 28 05:41:13 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 05:15:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96761	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	102298	44.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.28%			
7) Chloroethane-d5	1.67	69	85543	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.96%			
11) 1,1-Dichloroethene-d2	2.27	63	142742	33.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.22%			
21) 2-Butanone-d5	4.18	46	156641	85.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.01%			
24) Chloroform-d	4.65	84	181539	43.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.42%			
26) 1,2-Dichloroethane-d4	5.31	65	122075	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.80%			
32) Benzene-d6	5.35	84	373031	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.70%			
36) 1,2-Dichloropropane-d6	6.34	67	127626	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.52%			
41) Toluene-d8	7.57	98	323888	44.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.66%			
43) trans-1,3-Dichloropropene-	7.85	79	43912	41.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.66%			
47) 2-Hexanone-d5	8.31	63	103958	81.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.55%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169239	43.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	107707	50.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.54%			
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	299575	113.72	ug/L	99
46) Tetrachloroethene	8.23	164	2292	1.24	ug/L	95

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

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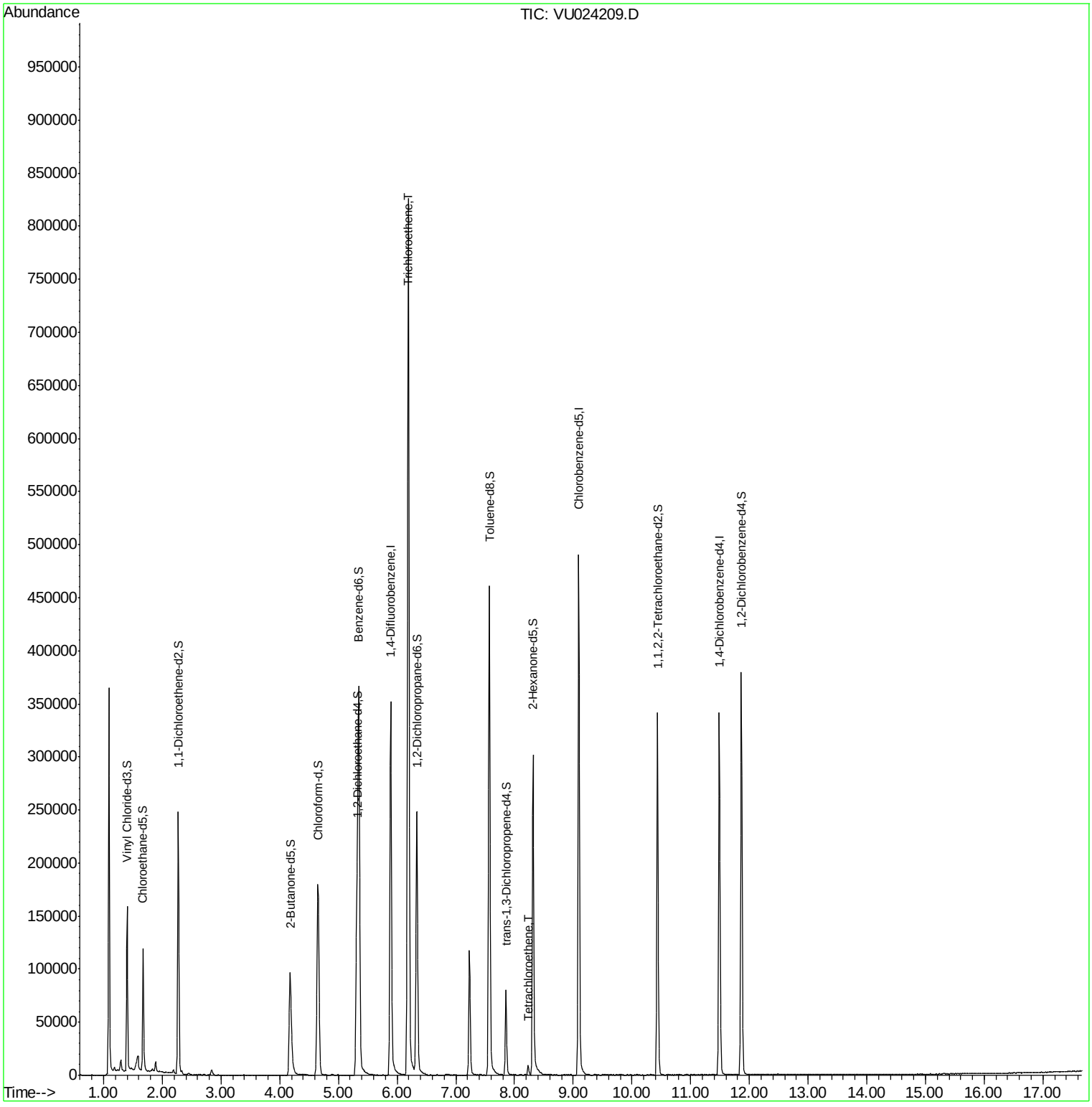
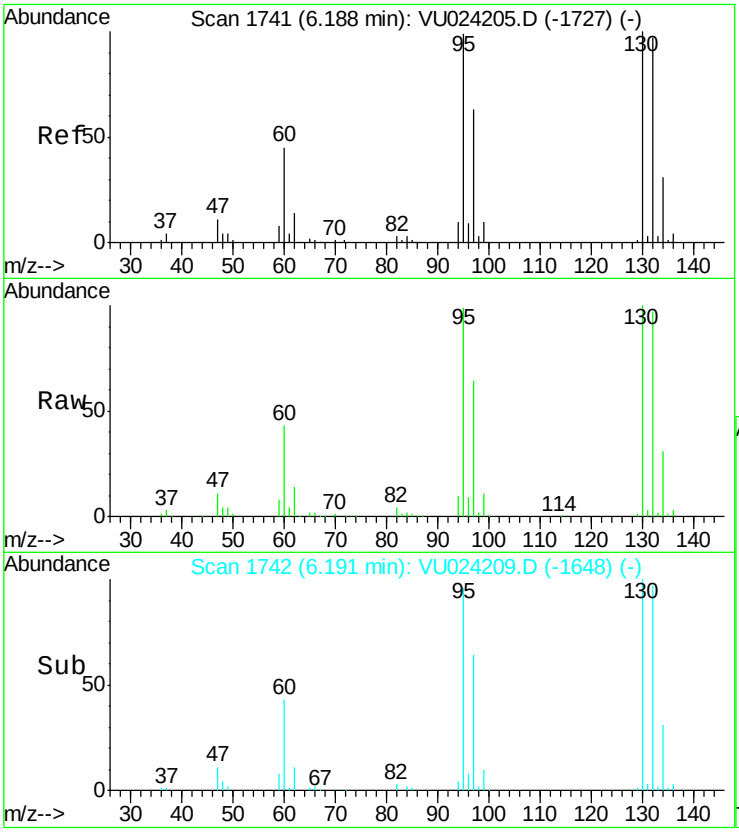
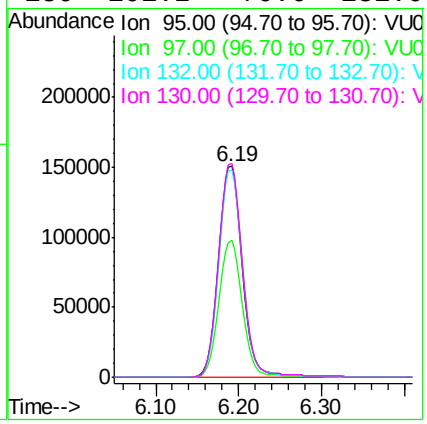


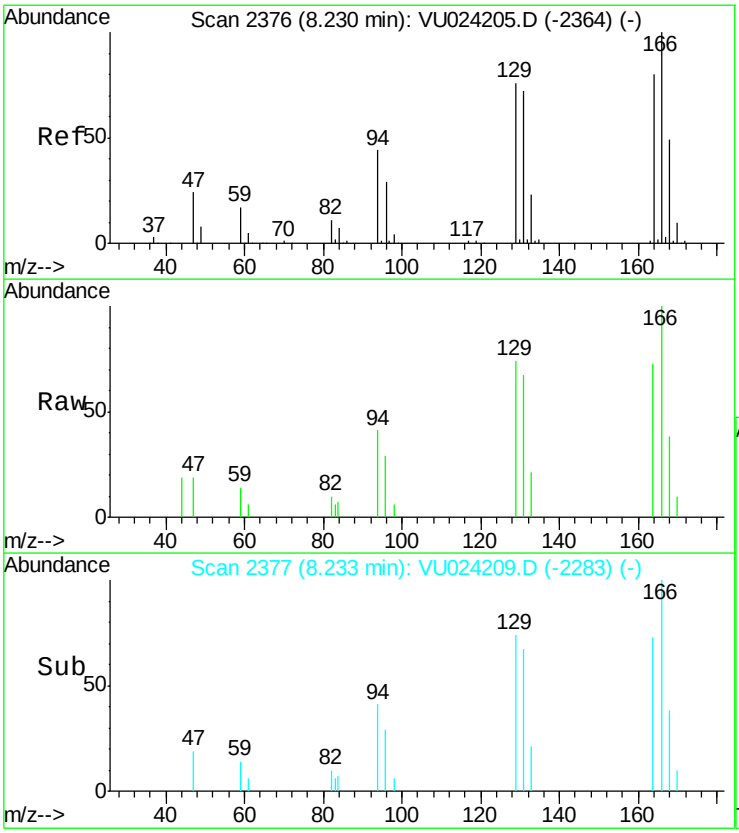


#34
Trichloroethene
Concen: 113.72 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024209.D
Acq: 28 May 2018 00:16

Tgt Ion: 95 Resp: 299575

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.5	82.7
132	98.2	69.0	128.2
130	101.2	70.6	131.0





#46
Tetrachloroethene
Concen: 1.24 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024209.D
Acq: 28 May 2018 00:16

Tgt Ion:164 Resp: 2292

Ion	Ratio	Lower	Upper
164	100		
129	100.9	66.6	123.6
131	91.5	64.5	119.9
166	136.1	89.3	165.9