Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024193.D
Acq On : 27 May 2018 17:07
Operator : MD/SY
Sample : J3092-06 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 28 04:46:57 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	307679	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285957	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	98077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	108469	46.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.74%			
7) Chloroethane-d5	1.68	69	88261	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.04%			
11) 1,1-Dichloroethene-d2	2.27	63	146967	33.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.56%			
21) 2-Butanone-d5	4.18	46	152973	82.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.26%			
24) Chloroform-d	4.65	84	183903	43.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.74%			
26) 1,2-Dichloroethane-d4	5.31	65	122086	45.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.96%			
32) Benzene-d6	5.35	84	376705	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.33	67	130964	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.56%			
41) Toluene-d8	7.57	98	328062	44.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.46%			
43) trans-1,3-Dichloropropene-	7.85	79	47007	43.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.16%			
47) 2-Hexanone-d5	8.31	63	104647	80.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.87%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167204	42.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	110161	51.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.46%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	16351	4.38	ug/L	100
34) Trichloroethene	6.19	95	434245	162.39	ug/L	99
46) Tetrachloroethene	8.23	164	50059	26.76	ug/L	99

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

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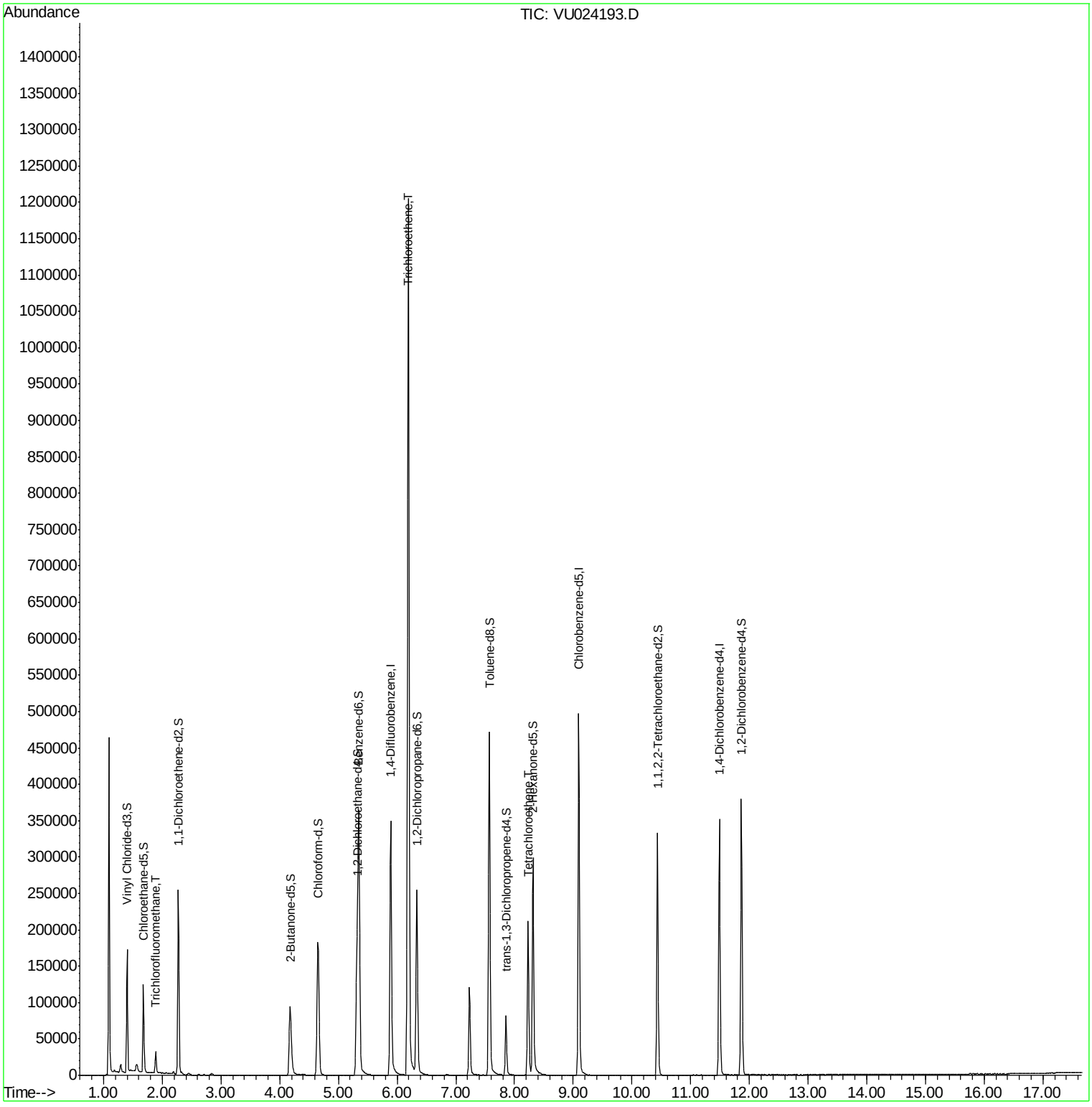
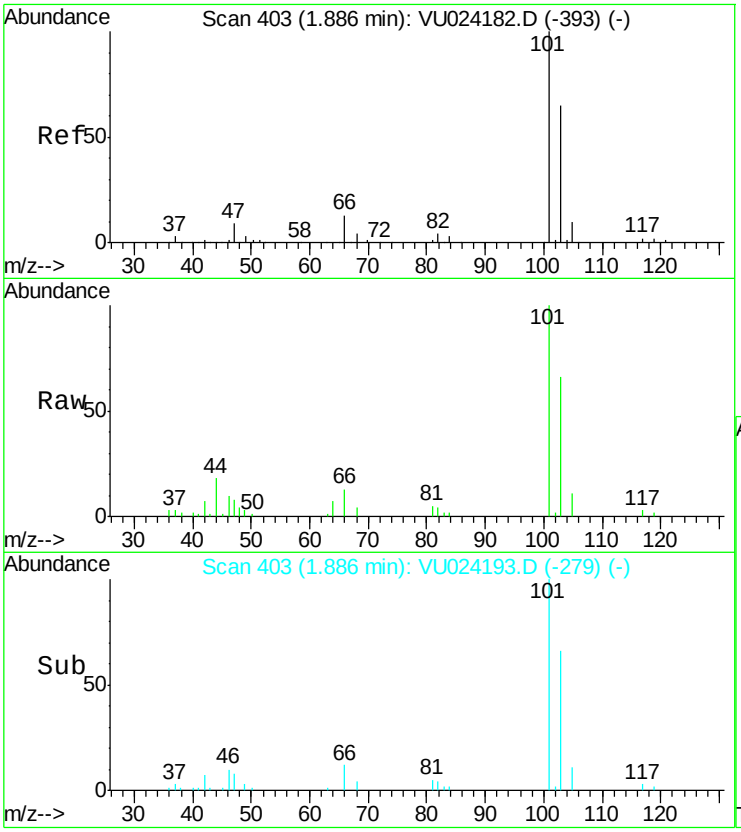
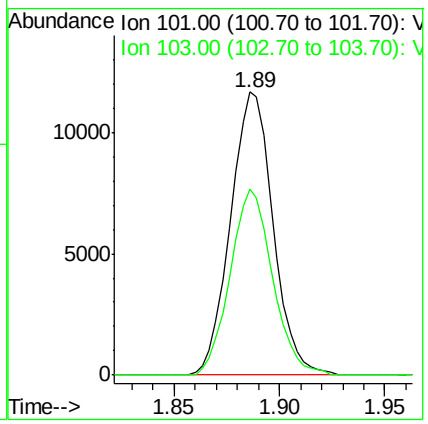


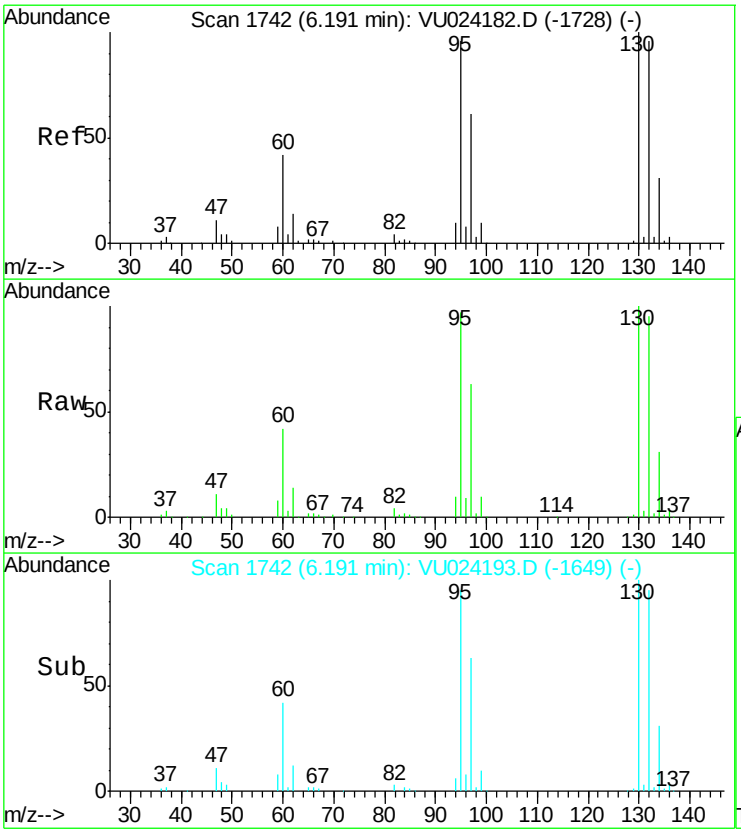


#9
Trichlorofluoromethane
Concen: 4.38 ug/L
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024193.D
Acq: 27 May 2018 17:07

Tgt Ion:101 Resp: 16351

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.1	78.1

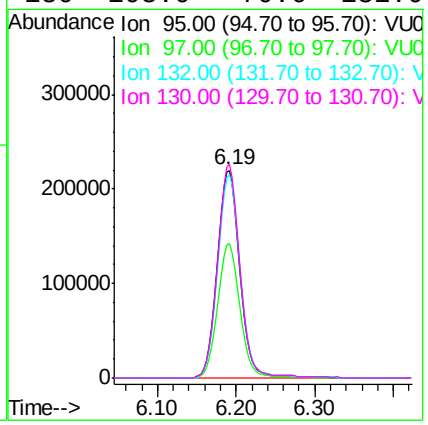


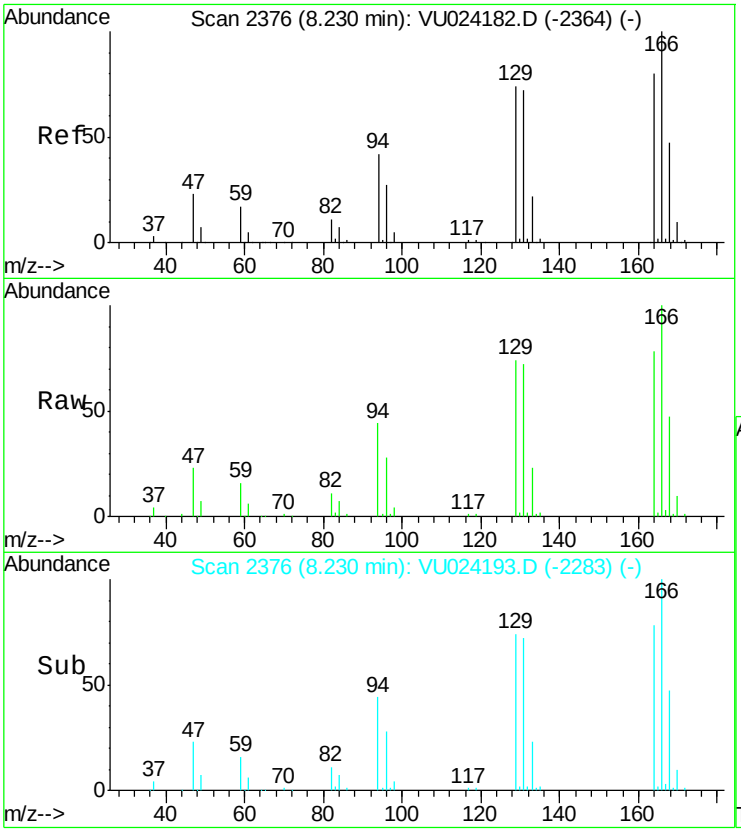


#34
Trichloroethene
Concen: 162.39 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024193.D
Acq: 27 May 2018 17:07

Tgt Ion: 95 Resp: 434245

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.5	82.7
132	98.2	69.0	128.2
130	103.0	70.6	131.0





#46
Tetrachloroethene
Concen: 26.76 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024193.D
Acq: 27 May 2018 17:07

Tgt Ion:164 Resp: 50059

Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.6	123.6
131	92.6	64.5	119.9
166	128.4	89.3	165.9