Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024196.D
Acq On : 27 May 2018 18:23
Operator : MD/SY
Sample : J3092-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 04:58:08 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	293097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	270335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	92148	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	107797	48.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.76%			
7) Chloroethane-d5	1.68	69	89295	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.94%			
11) 1,1-Dichloroethene-d2	2.27	63	147955	35.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.40%			
21) 2-Butanone-d5	4.18	46	161358	91.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.09%			
24) Chloroform-d	4.65	84	186612	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.48%			
26) 1,2-Dichloroethane-d4	5.31	65	125633	49.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.34%			
32) Benzene-d6	5.35	84	382660	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.30%			
36) 1,2-Dichloropropane-d6	6.34	67	129831	50.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.26%			
41) Toluene-d8	7.57	98	330309	47.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.28%			
43) trans-1,3-Dichloropropene-	7.85	79	47186	46.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.56%			
47) 2-Hexanone-d5	8.31	63	110367	90.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.22%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171936	45.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.94%			
64) 1,2-Dichlorobenzene-d4	11.87	152	109736	54.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.62%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	5704	1.60	ug/L	97
34) Trichloroethene	6.19	95	210541	83.28	ug/L	98
46) Tetrachloroethene	8.23	164	12095	6.84	ug/L	99

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

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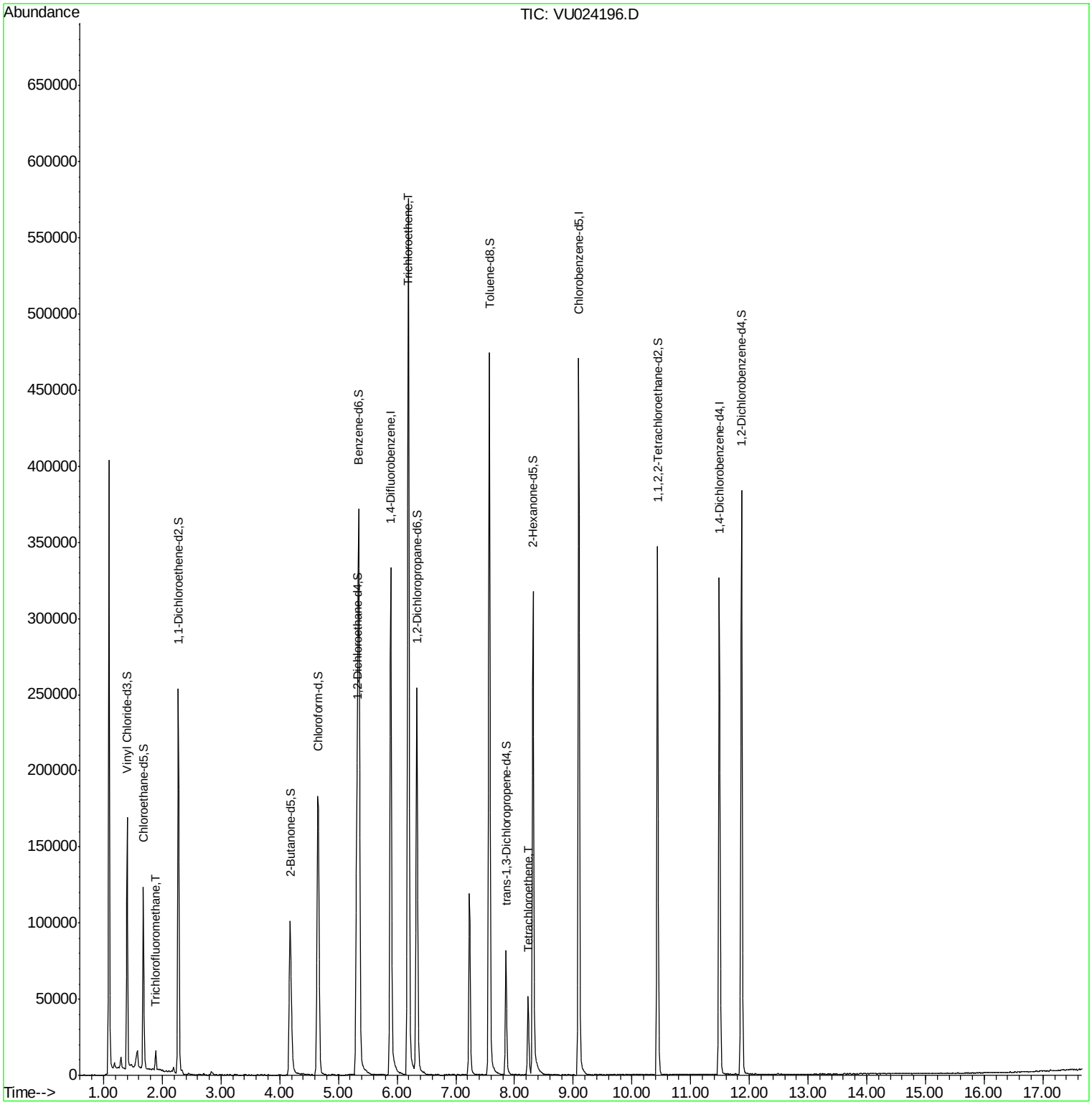
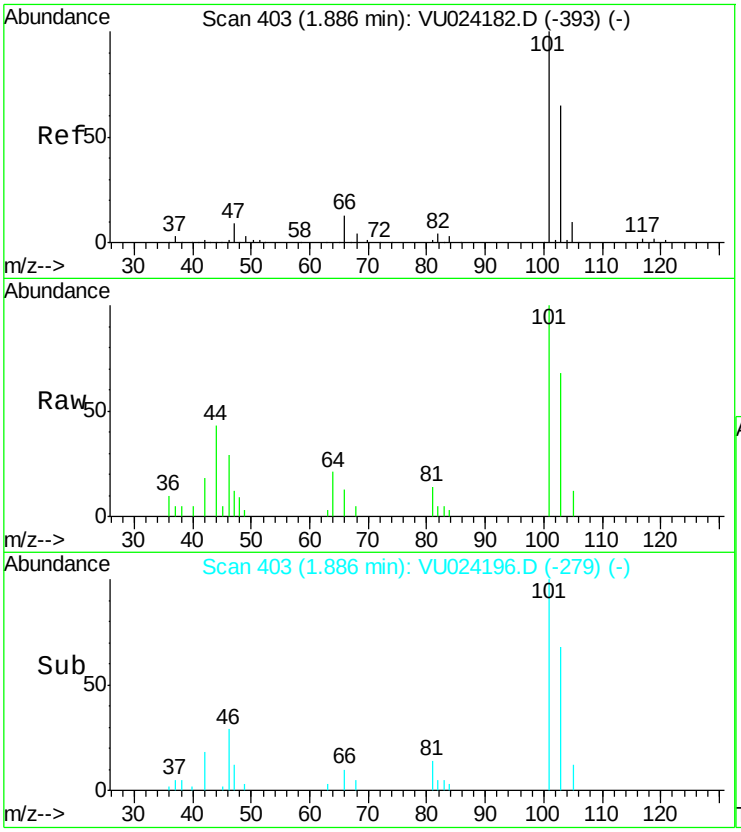
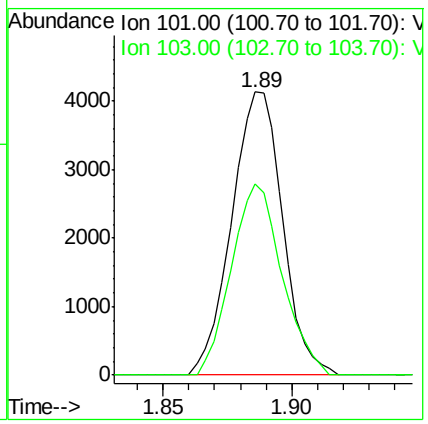


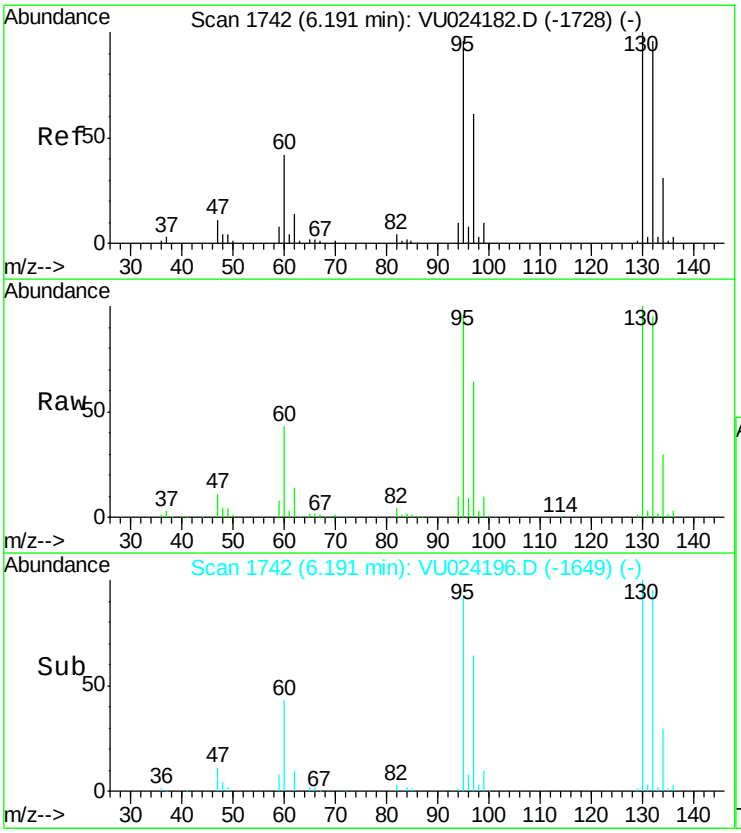


#9
Trichlorofluoromethane
Concen: 1.60 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024196.D
Acq: 27 May 2018 18:23

Tgt Ion:101 Resp: 5704

Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.1	78.1

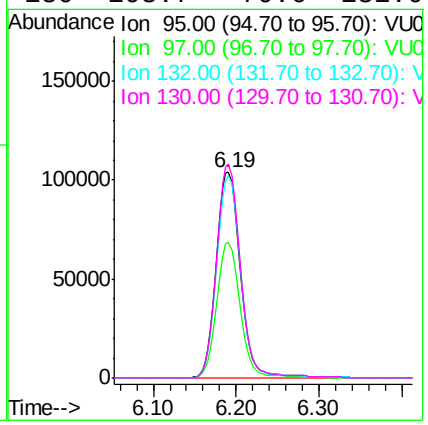


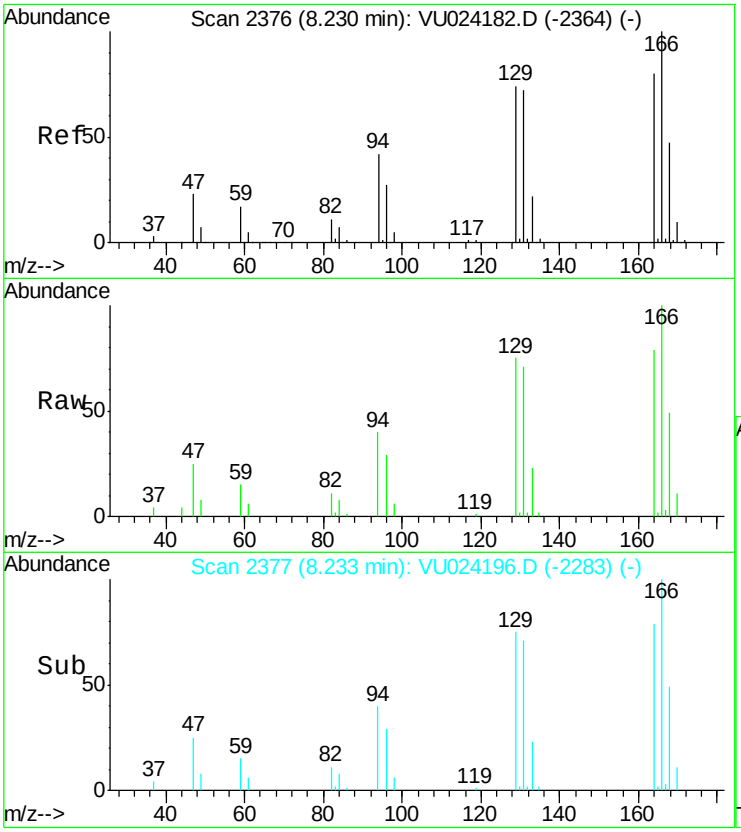


#34
Trichloroethene
Concen: 83.28 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024196.D
Acq: 27 May 2018 18:23

Tgt Ion: 95 Resp: 210541

Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.5	82.7
132	98.0	69.0	128.2
130	103.7	70.6	131.0





#46
Tetrachloroethene
Concen: 6.84 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024196.D
Acq: 27 May 2018 18:23

Tgt Ion:164 Resp: 12095

Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.6	123.6
131	90.1	64.5	119.9
166	127.2	89.3	165.9