Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024175.D
Acq On : 27 May 2018 03:41
Operator : MD/SY
Sample : J3092-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 28 02:42:09 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:19:02 2018
Response via : Initial Calibration

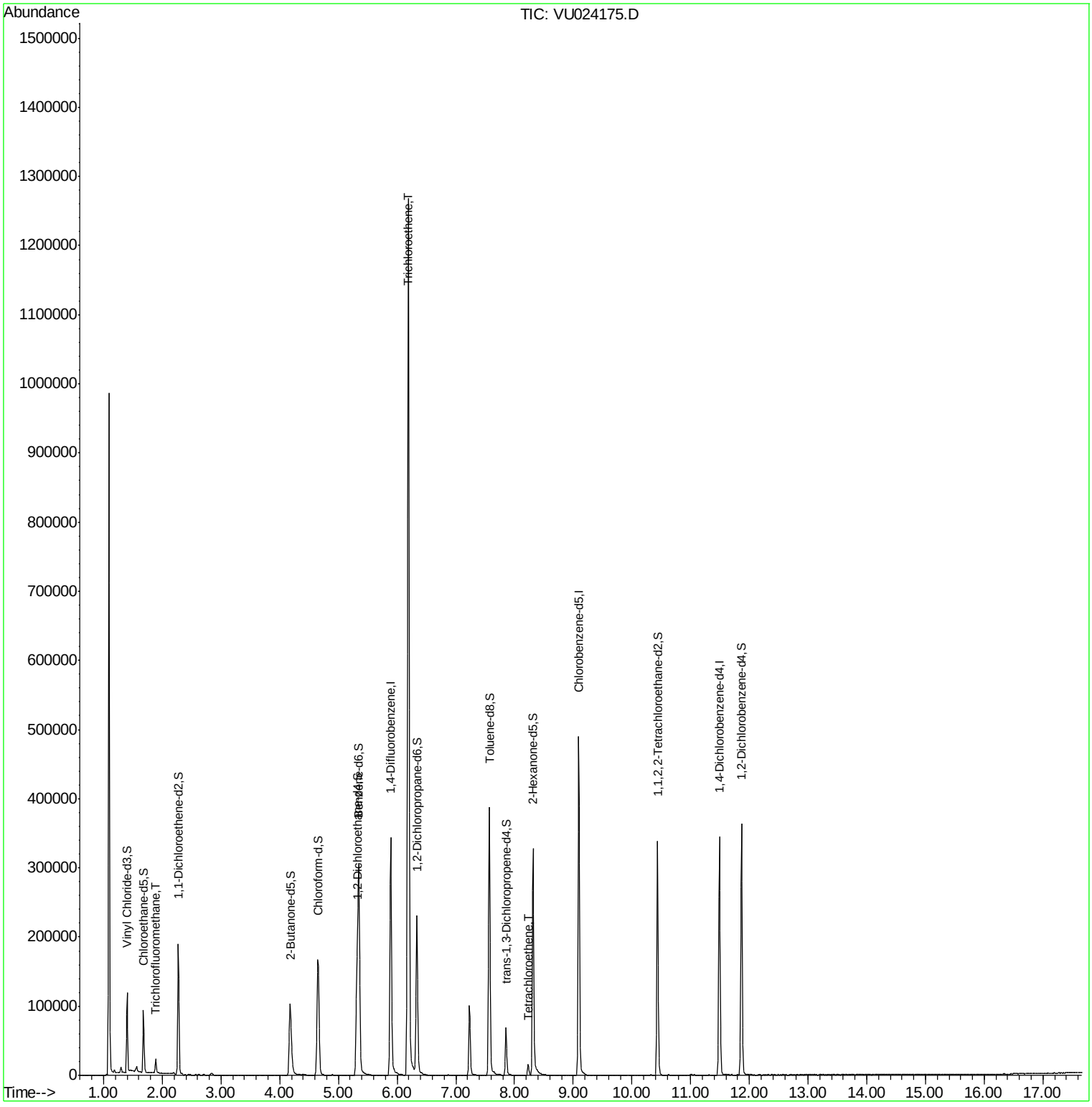
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302875	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97038	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74642	32.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.84%			
7) Chloroethane-d5	1.68	69	67652	37.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.00%			
11) 1,1-Dichloroethene-d2	2.27	63	110623	25.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.66%#			
21) 2-Butanone-d5	4.18	46	166692	91.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.06%			
24) Chloroform-d	4.65	84	169095	40.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.96%			
26) 1,2-Dichloroethane-d4	5.31	65	111262	42.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.14%			
32) Benzene-d6	5.35	84	314510	40.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.08%			
36) 1,2-Dichloropropane-d6	6.34	67	118523	44.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.16%			
41) Toluene-d8	7.57	98	267729	37.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.48%#			
43) trans-1,3-Dichloropropene-	7.85	79	40593	38.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.78%			
47) 2-Hexanone-d5	8.31	63	116101	91.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.53%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168513	43.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.90%			
64) 1,2-Dichlorobenzene-d4	11.87	152	103289	48.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.10%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	10643	2.90	ug/L	99
34) Trichloroethene	6.19	95	458007	174.73	ug/L	98
46) Tetrachloroethene	8.23	164	3955	2.16	ug/L	94

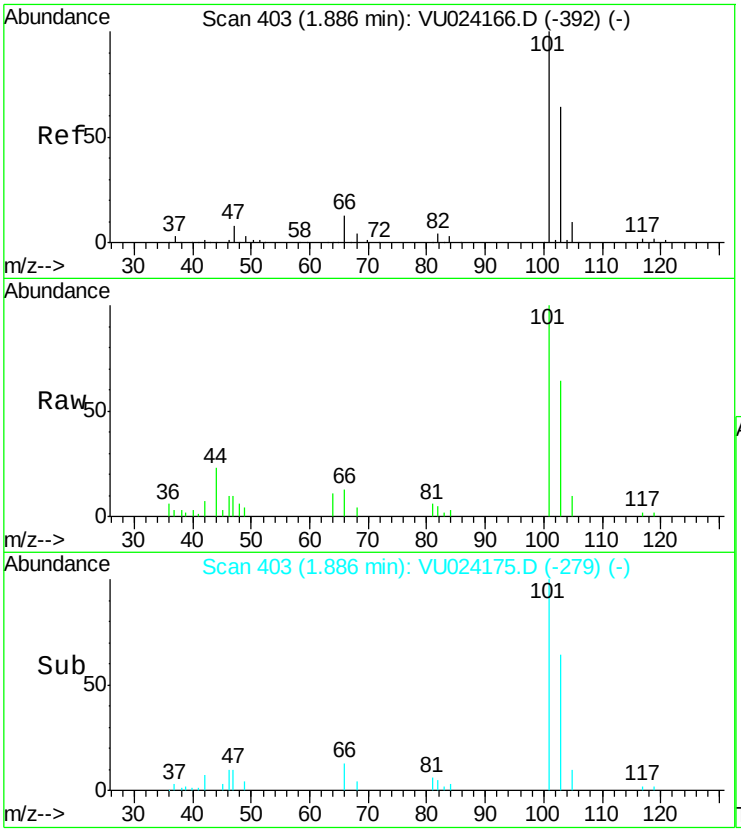
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024175.D
Acq On : 27 May 2018 03:41
Operator : MD/SY
Sample : J3092-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 28 02:42:09 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:19:02 2018
Response via : Initial Calibration

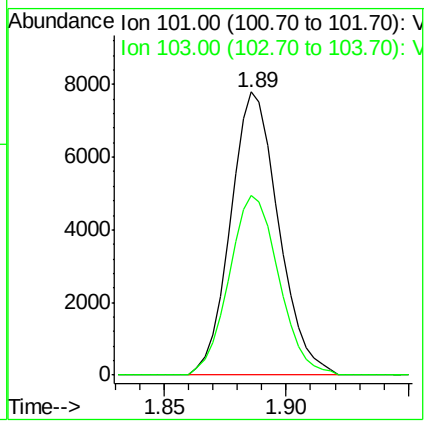


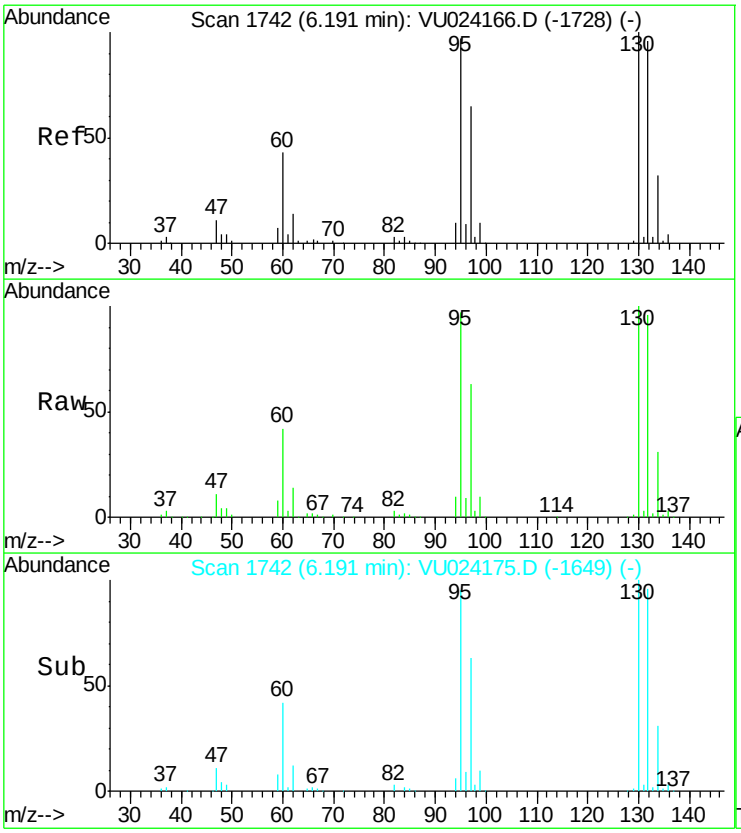


#9
Trichlorofluoromethane
Concen: 2.90 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024175.D
Acq: 27 May 2018 03:41

Tgt Ion:101 Resp: 10643

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.1	78.1

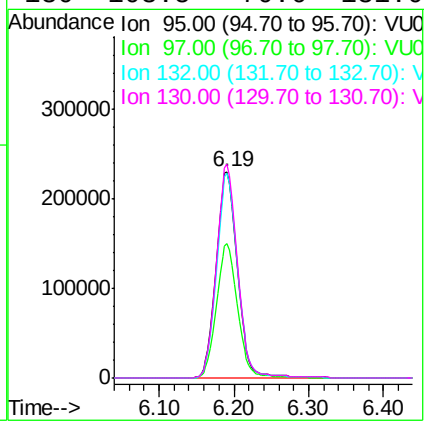


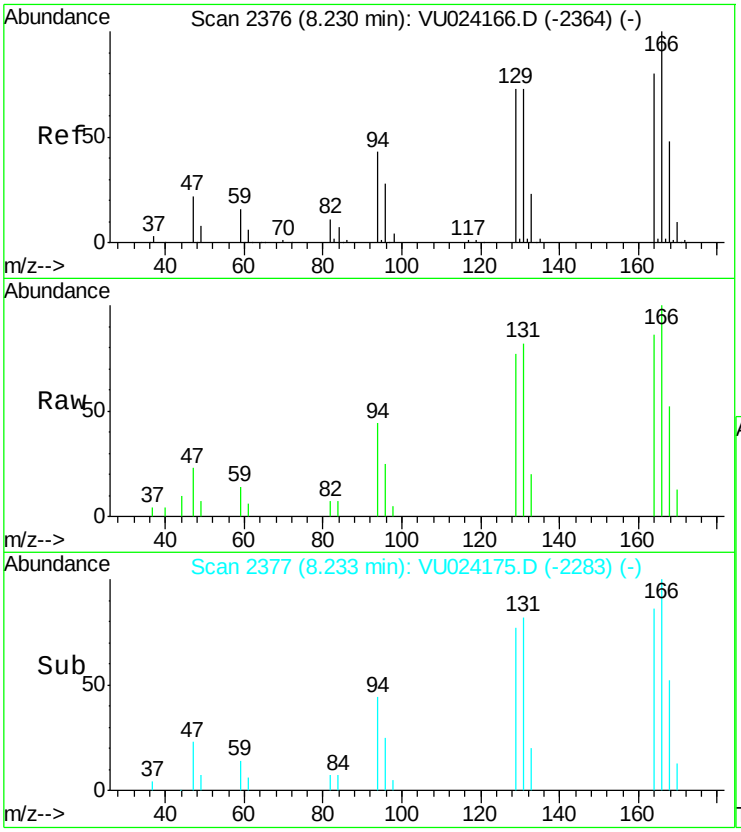


#34
Trichloroethene
Concen: 174.73 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024175.D
Acq: 27 May 2018 03:41

Tgt Ion: 95 Resp: 458007

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.5	82.7
132	99.1	69.0	128.2
130	103.5	70.6	131.0





#46
Tetrachloroethene
Concen: 2.16 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024175.D
Acq: 27 May 2018 03:41

Tgt Ion:164 Resp: 3955

Ion	Ratio	Lower	Upper
164	100		
129	89.6	66.6	123.6
131	95.0	64.5	119.9
166	116.6	89.3	165.9