Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024174.D
Acq On : 27 May 2018 03:15
Operator : MD/SY
Sample : J3092-07 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 28 02:40:17 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	293226	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	98514	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74030	33.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.42%			
7) Chloroethane-d5	1.68	69	67311	38.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.06%			
11) 1,1-Dichloroethene-d2	2.27	63	112231	27.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.14%#			
21) 2-Butanone-d5	4.18	46	168402	95.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.02%			
24) Chloroform-d	4.65	84	167178	41.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.70%			
26) 1,2-Dichloroethane-d4	5.31	65	110224	43.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.12%			
32) Benzene-d6	5.35	84	316131	40.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.84%			
36) 1,2-Dichloropropane-d6	6.34	67	117583	44.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.82%			
41) Toluene-d8	7.57	98	266968	37.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.58%#			
43) trans-1,3-Dichloropropene-	7.85	79	40404	38.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.76%			
47) 2-Hexanone-d5	8.31	63	115051	91.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.08%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169653	43.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.84%			
64) 1,2-Dichlorobenzene-d4	11.87	152	101570	47.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.04%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	25124	7.06	ug/L	99
34) Trichloroethene	6.19	95	1405475	538.43	ug/L	99
46) Tetrachloroethene	8.23	164	10342	5.66	ug/L	92

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

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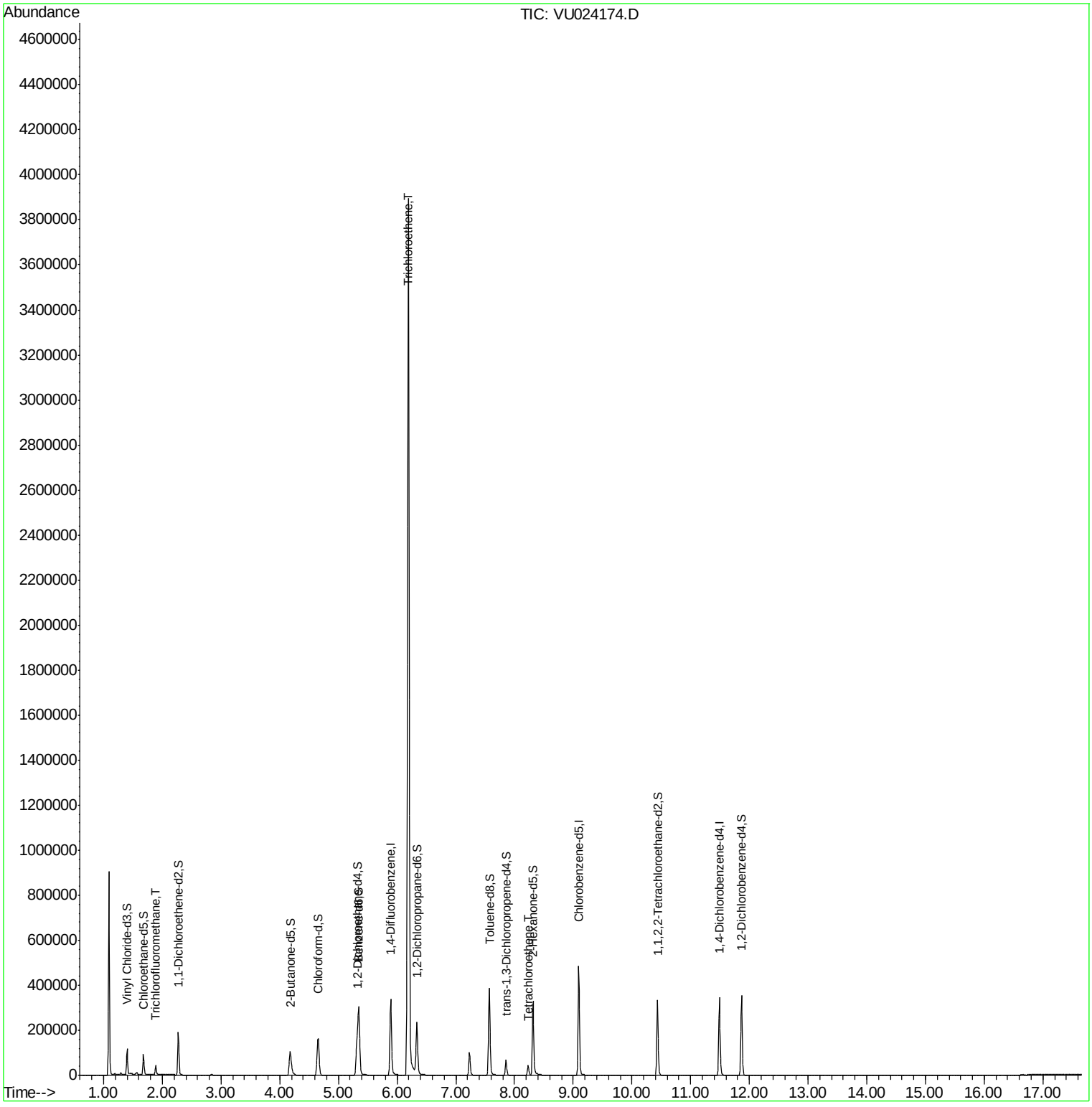
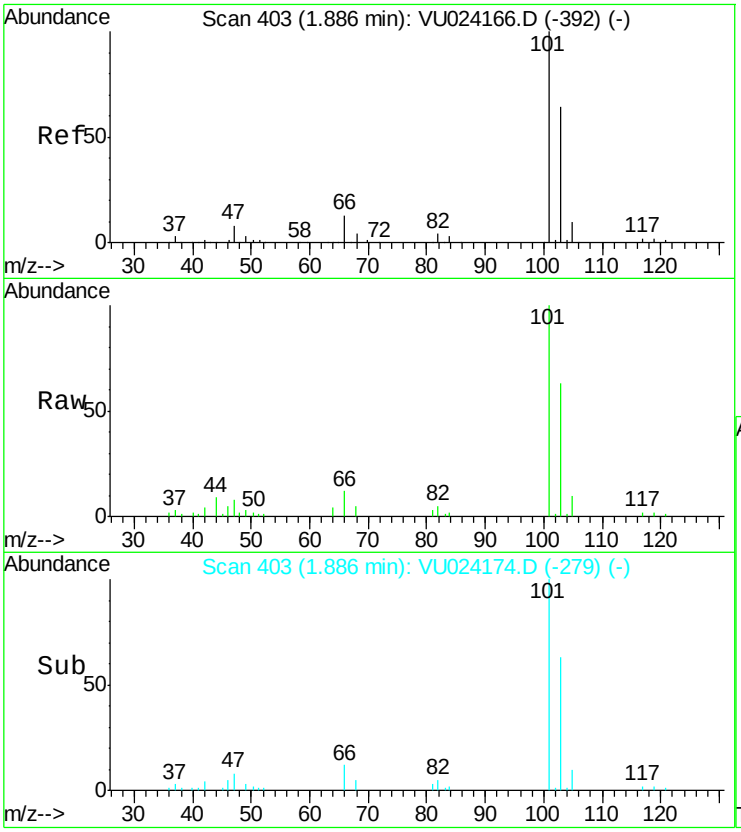
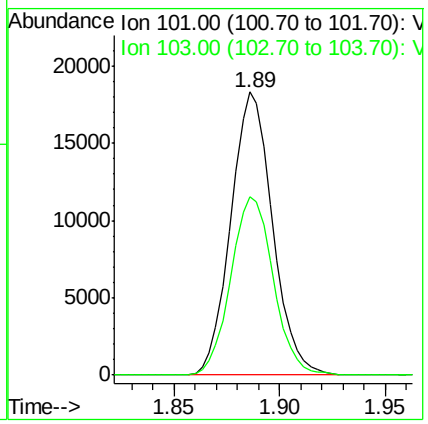


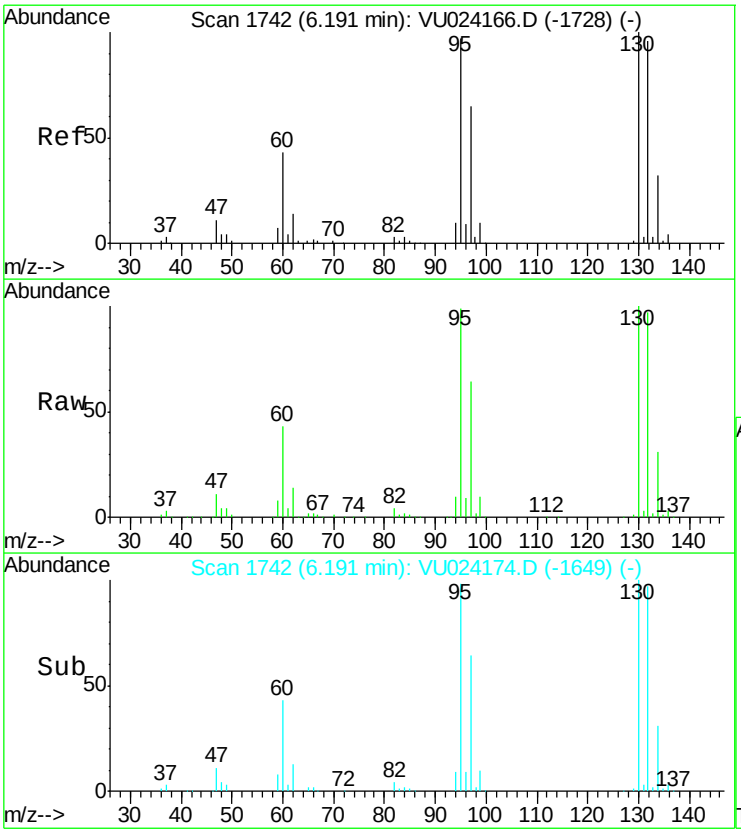


#9
Trichlorofluoromethane
Concen: 7.06 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024174.D
Acq: 27 May 2018 03:15

Tgt Ion:101 Resp: 25124

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.1	78.1

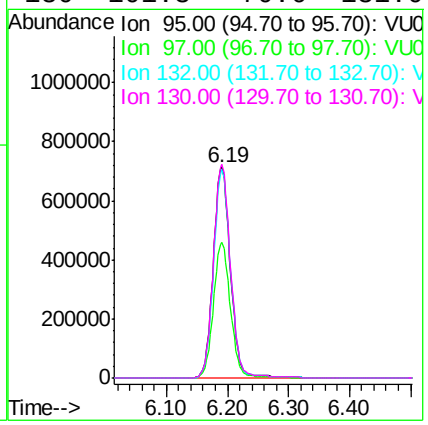


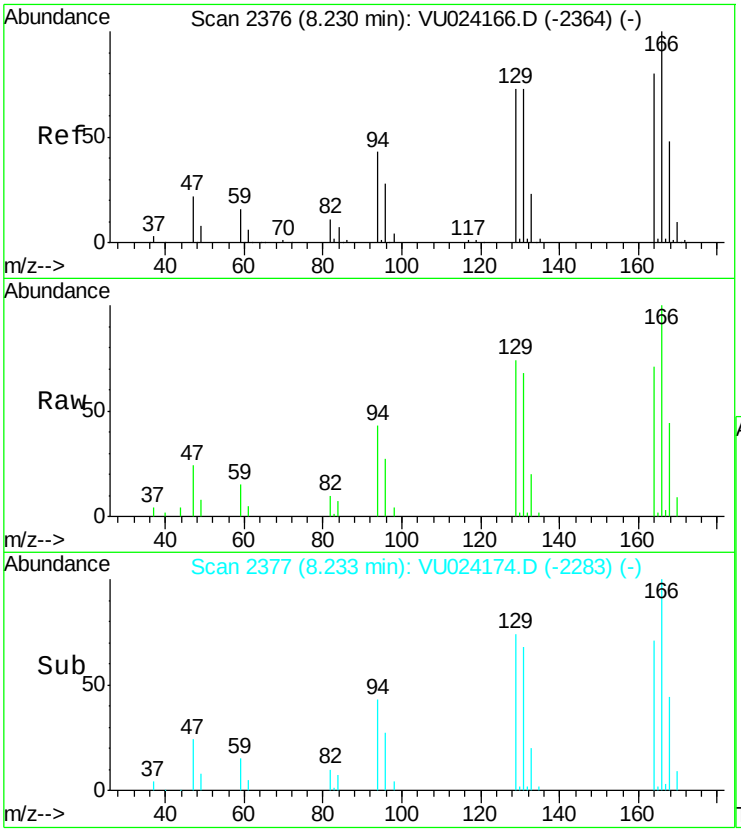


#34
Trichloroethene
Concen: 538.43 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024174.D
Acq: 27 May 2018 03:15

Tgt Ion: 95 Resp: 1405475

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.5	82.7
132	98.7	69.0	128.2
130	101.3	70.6	131.0





#46
Tetrachloroethene
Concen: 5.66 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024174.D
Acq: 27 May 2018 03:15

Tgt Ion:164 Resp: 10342

Ion	Ratio	Lower	Upper
164	100		
129	104.0	66.6	123.6
131	94.8	64.5	119.9
166	140.2	89.3	165.9