Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024172.D
Acq On : 27 May 2018 02:25
Operator : MD/SY
Sample : J3092-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 02:35:21 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	291981	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95915	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76646	34.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.06%			
7) Chloroethane-d5	1.68	69	69123	39.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.44%			
11) 1,1-Dichloroethene-d2	2.27	63	114092	27.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.26%#			
21) 2-Butanone-d5	4.18	46	172332	97.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.66%			
24) Chloroform-d	4.65	84	170666	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.82%			
26) 1,2-Dichloroethane-d4	5.31	65	112289	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.12%			
32) Benzene-d6	5.35	84	321365	42.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.02%			
36) 1,2-Dichloropropane-d6	6.34	67	119880	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.54%			
41) Toluene-d8	7.57	98	272197	38.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.70%#			
43) trans-1,3-Dichloropropene-	7.85	79	40642	39.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.90%			
47) 2-Hexanone-d5	8.31	63	119700	96.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.84%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173427	45.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.78%			
64) 1,2-Dichlorobenzene-d4	11.87	152	105734	50.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.56%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	11451	3.23	ug/L	98
34) Trichloroethene	6.19	95	481514	188.51	ug/L	97
46) Tetrachloroethene	8.23	164	4222	2.36	ug/L	96

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

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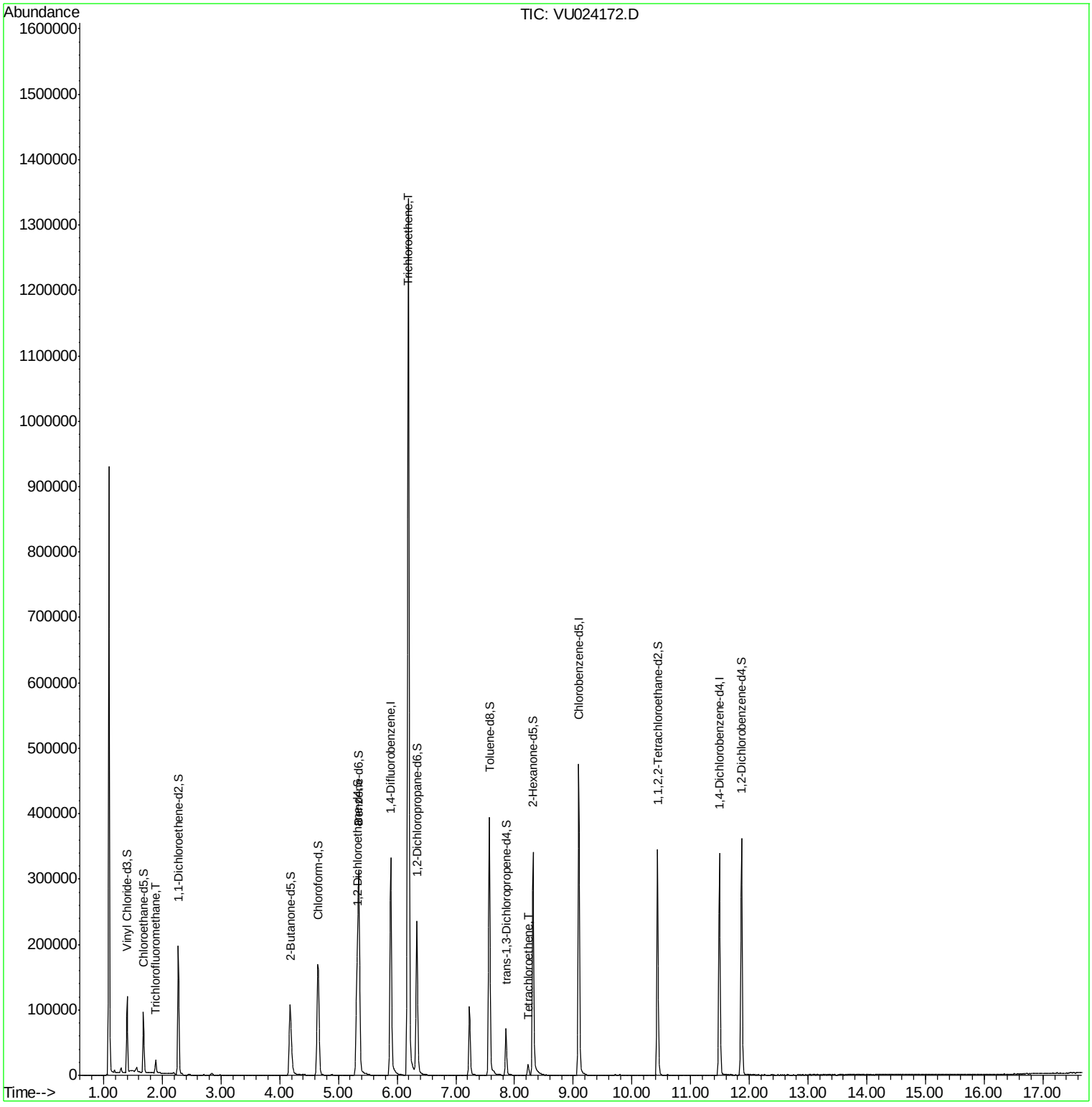
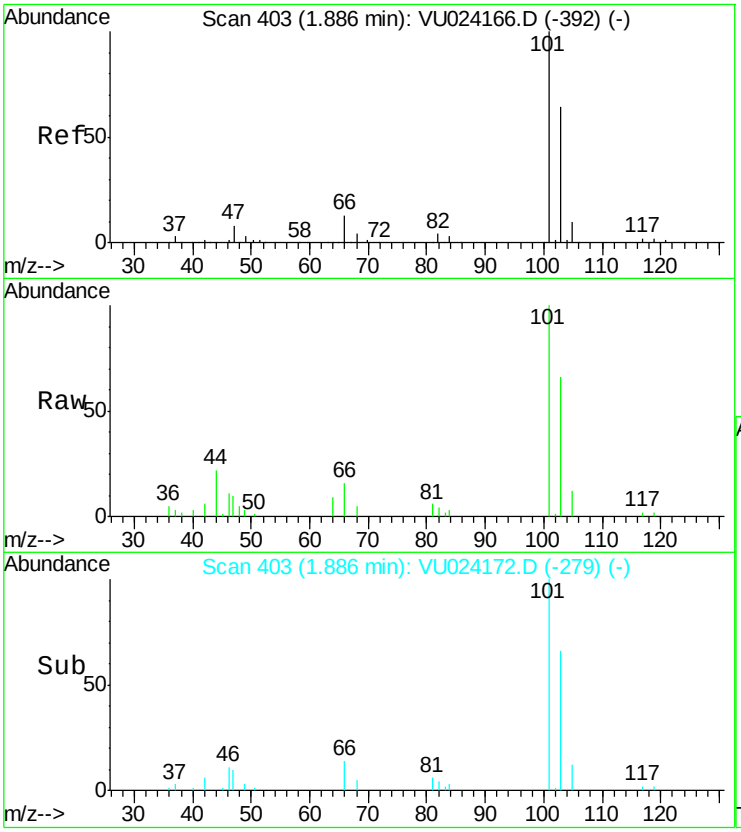
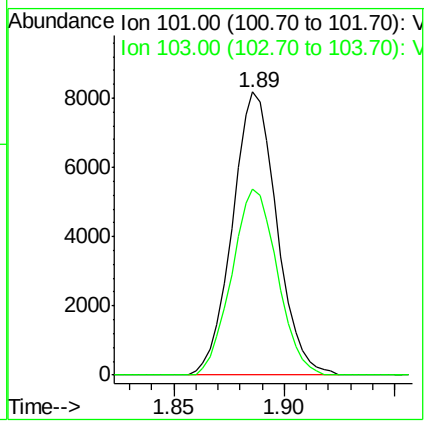


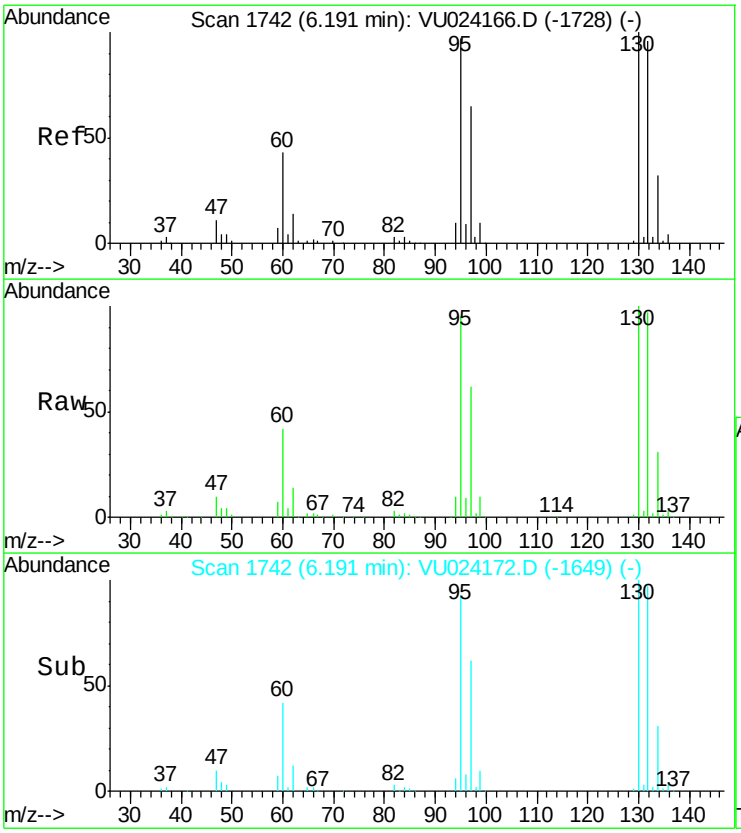


#9
Trichlorofluoromethane
Concen: 3.23 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024172.D
Acq: 27 May 2018 02:25

Tgt Ion:101 Resp: 11451

Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.1	78.1

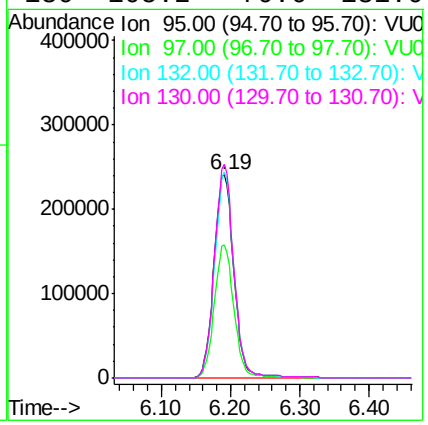


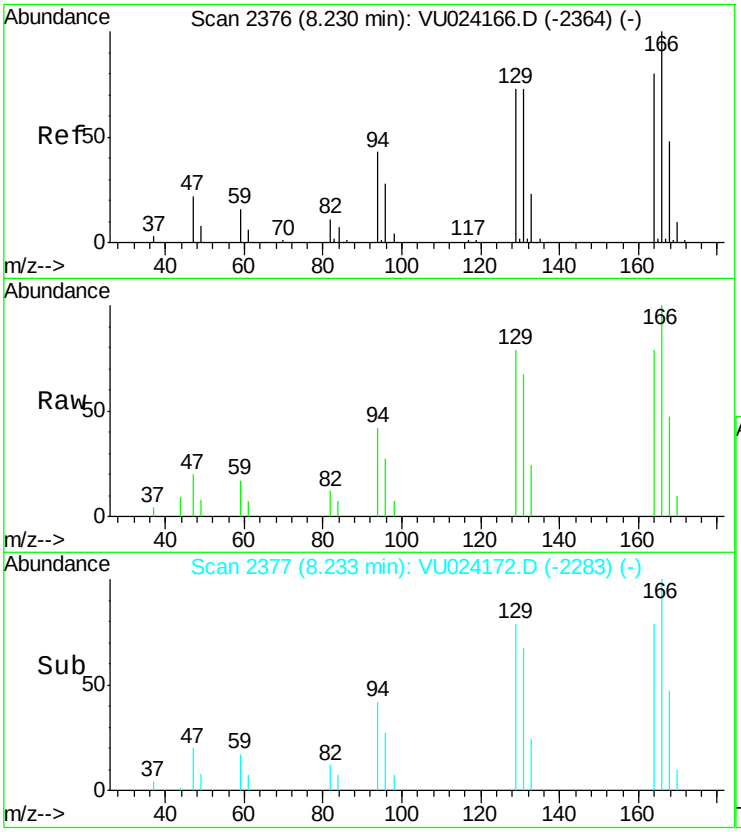


#34
Trichloroethene
Concen: 188.51 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024172.D
Acq: 27 May 2018 02:25

Tgt Ion: 95 Resp: 481514

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.5	82.7
132	101.6	69.0	128.2
130	105.2	70.6	131.0





#46
Tetrachloroethene
Concen: 2.36 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024172.D
Acq: 27 May 2018 02:25

Tgt Ion:164 Resp: 4222

Ion	Ratio	Lower	Upper
164	100		
129	100.6	66.6	123.6
131	85.4	64.5	119.9
166	127.1	89.3	165.9