Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024160.D
Acq On : 26 May 2018 21:21
Operator : MD/SY
Sample : J3091-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 28 01:59:38 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:49:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93891	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83840	37.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.54%			
7) Chloroethane-d5	1.68	69	73714	41.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.64%			
11) 1,1-Dichloroethene-d2	2.27	63	125937	30.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.00%			
21) 2-Butanone-d5	4.18	46	167646	95.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.00%			
24) Chloroform-d	4.65	84	177827	44.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.42%			
26) 1,2-Dichloroethane-d4	5.31	65	114927	45.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.22%			
32) Benzene-d6	5.35	84	342857	45.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.24%			
36) 1,2-Dichloropropane-d6	6.34	67	123131	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.56%			
41) Toluene-d8	7.57	98	296483	42.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.85	79	43452	41.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.92%			
47) 2-Hexanone-d5	8.31	63	115279	92.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.78%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171342	45.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.87	152	107820	52.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.76%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	7869	2.22	ug/L	96
34) Trichloroethene	6.19	95	234352	91.27	ug/L	98
46) Tetrachloroethene	8.23	164	7465	4.16	ug/L	96

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

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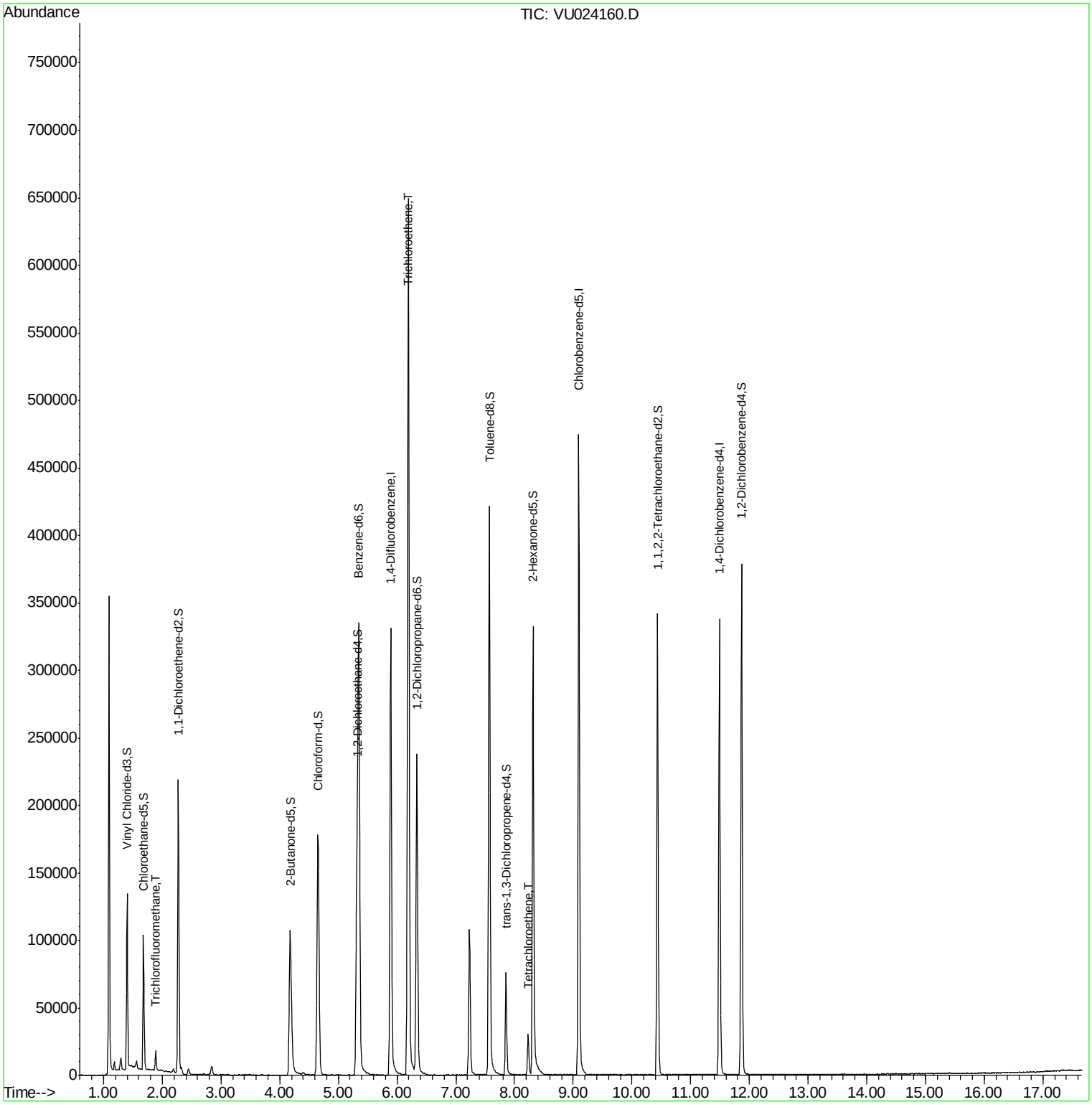
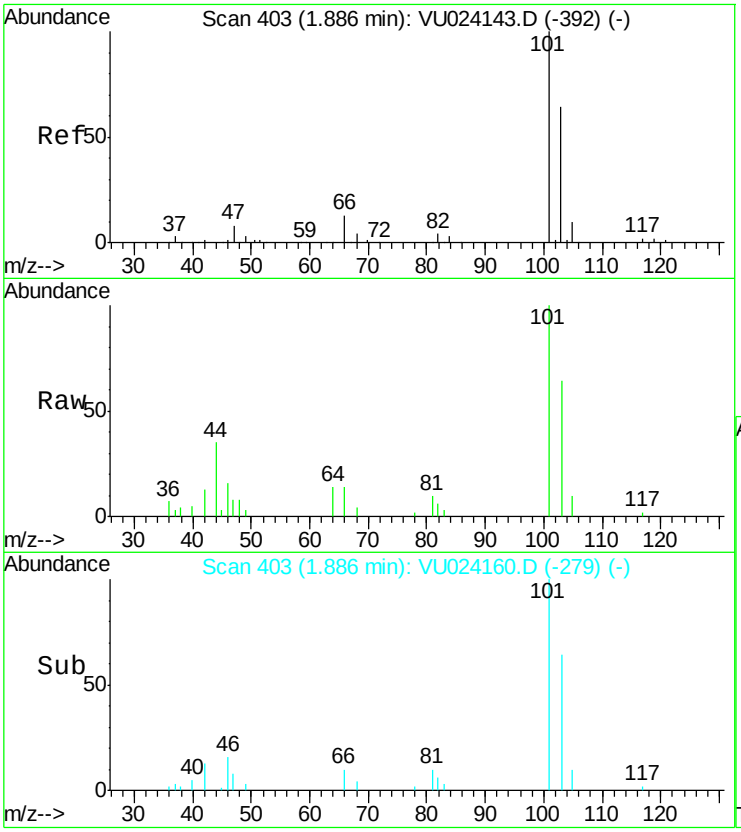
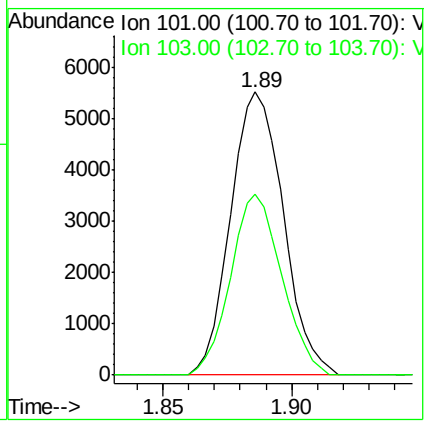


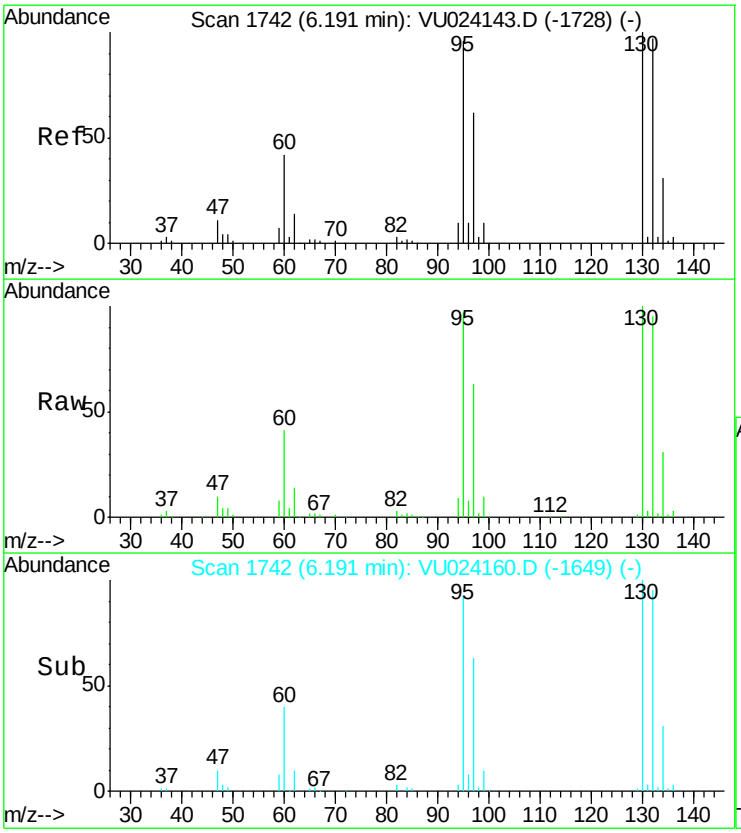


#9
Trichlorofluoromethane
Concen: 2.22 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024160.D
Acq: 26 May 2018 21:21

Tgt Ion:101 Resp: 7869

Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.1	78.1

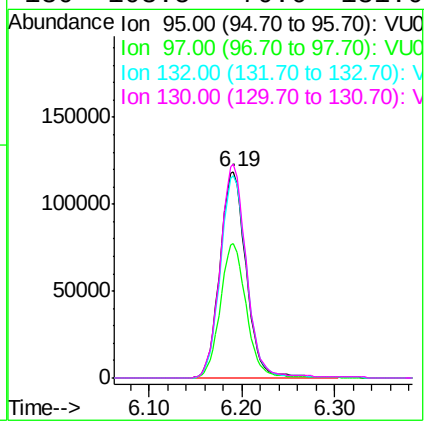


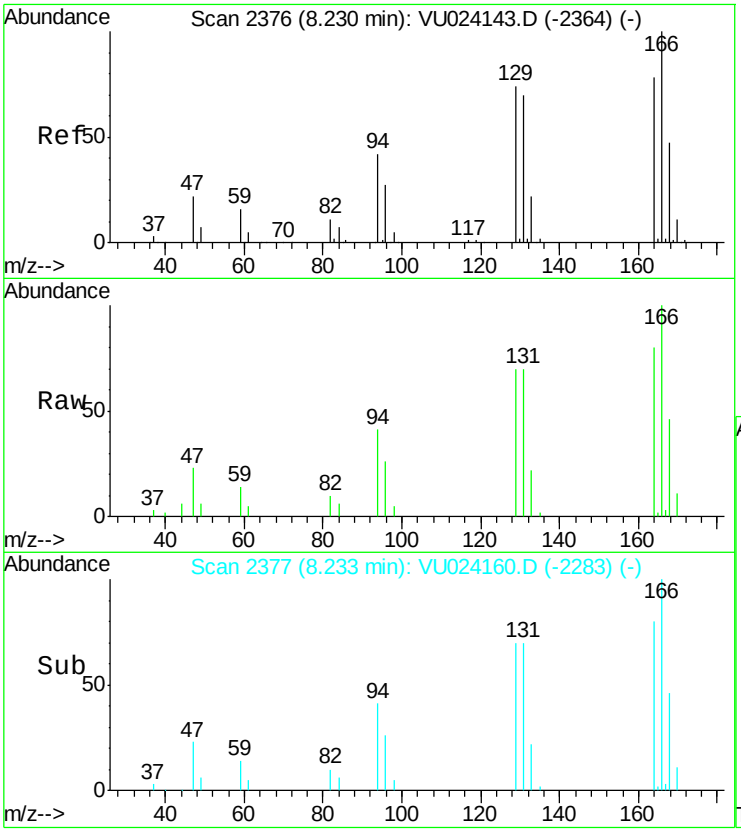


#34
Trichloroethene
Concen: 91.27 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024160.D
Acq: 26 May 2018 21:21

Tgt Ion: 95 Resp: 234352

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.5	82.7
132	98.2	69.0	128.2
130	103.5	70.6	131.0





#46
Tetrachloroethene
Concen: 4.16 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024160.D
Acq: 26 May 2018 21:21

Tgt Ion:164 Resp: 7465

Ion	Ratio	Lower	Upper
164	100		
129	87.9	66.6	123.6
131	87.5	64.5	119.9
166	125.7	89.3	165.9