Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024148.D
Acq On : 26 May 2018 16:15
Operator : MD/SY
Sample : J3081-18DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 28 01:17:14 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	281812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	267952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96871	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	89103	41.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.18%			
7) Chloroethane-d5	1.68	69	77224	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.78%			
11) 1,1-Dichloroethene-d2	2.27	63	129248	32.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.86%			
21) 2-Butanone-d5	4.18	46	171648	100.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.78%			
24) Chloroform-d	4.65	84	179511	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.52%			
26) 1,2-Dichloroethane-d4	5.31	65	115928	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.34%			
32) Benzene-d6	5.35	84	354008	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
36) 1,2-Dichloropropane-d6	6.34	67	123206	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.96%			
41) Toluene-d8	7.57	98	302209	43.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.94%			
43) trans-1,3-Dichloropropene-	7.85	79	44776	44.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.60%			
47) 2-Hexanone-d5	8.31	63	123472	101.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.83%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176604	47.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.26%			
64) 1,2-Dichlorobenzene-d4	11.87	152	111953	52.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.42%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	45295	19.96	ug/L	96
34) Trichloroethene	6.19	95	119898	47.85	ug/L	99
46) Tetrachloroethene	8.23	164	8080	4.61	ug/L	98

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

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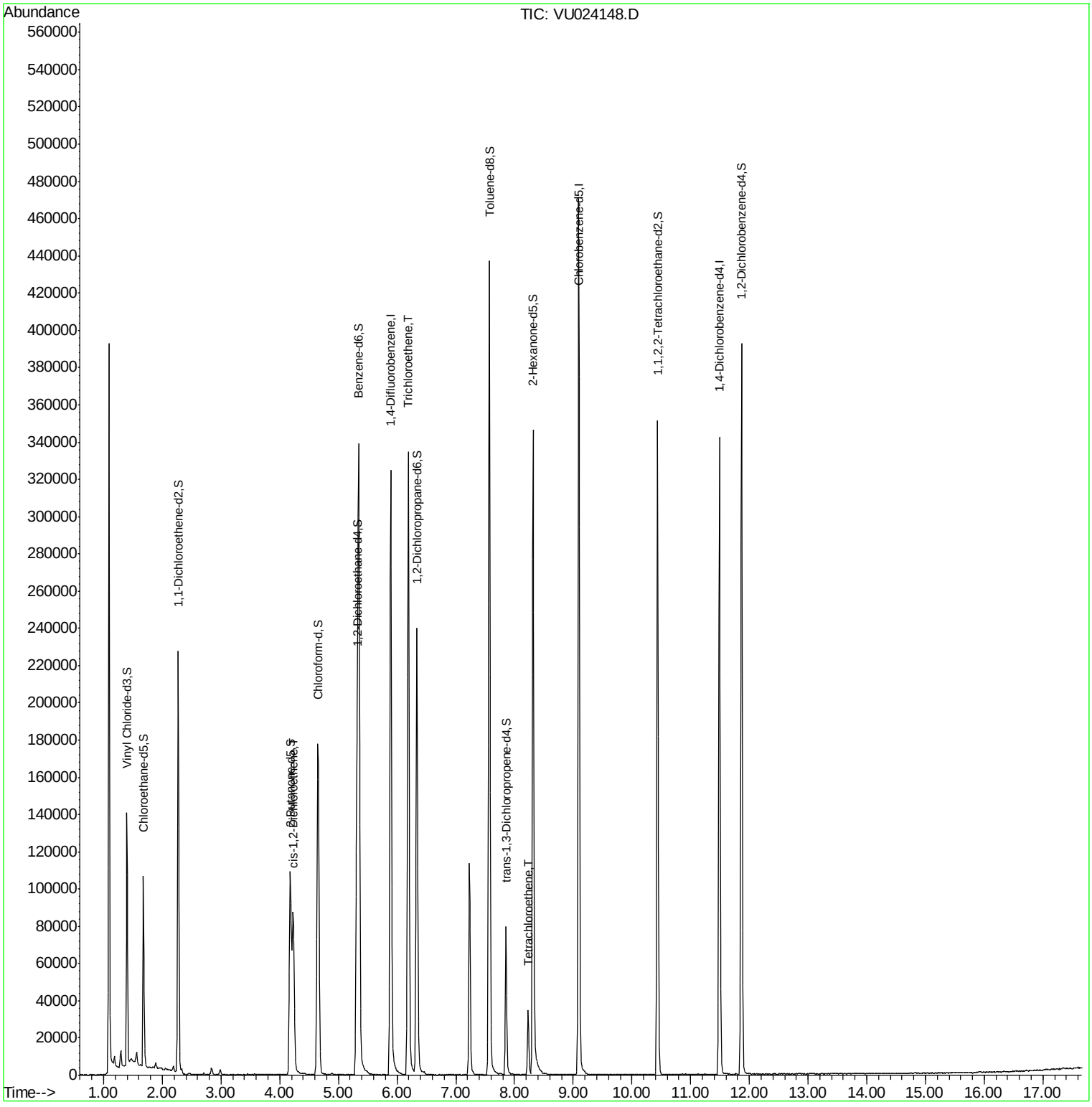
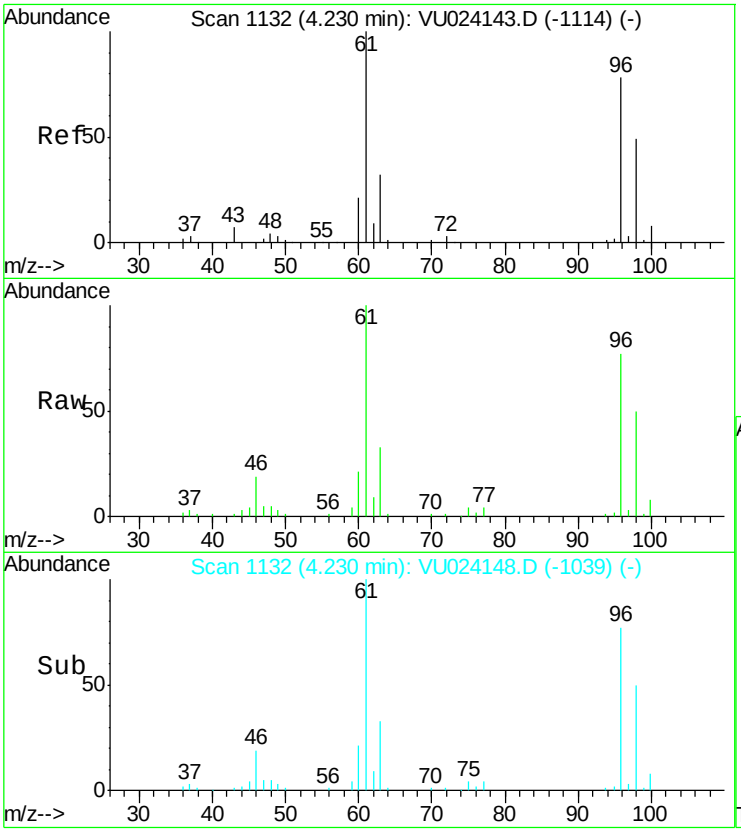
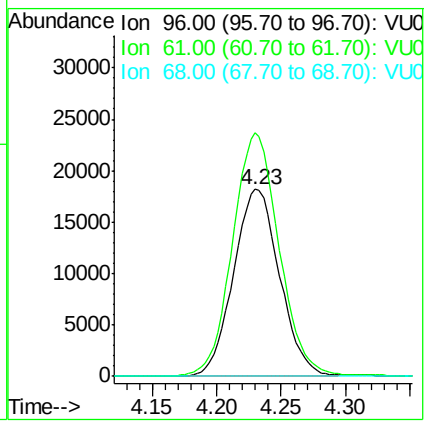


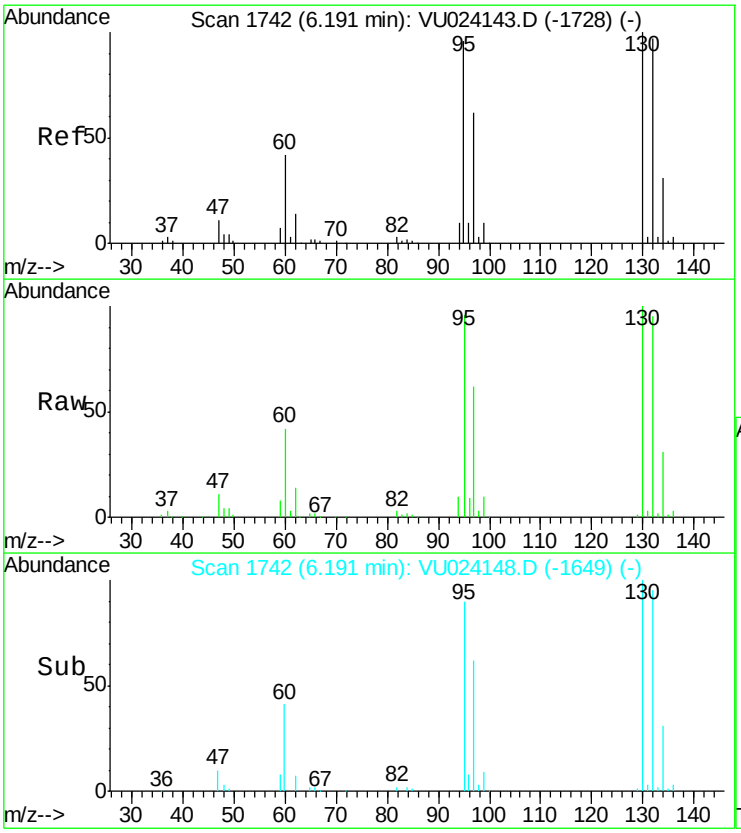


#20
cis-1,2-Dichloroethene
Concen: 19.96 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024148.D
Acq: 26 May 2018 16:15

Tgt Ion: 96 Resp: 45295

Ion	Ratio	Lower	Upper
96	100		
61	130.1	94.8	176.0
68	0.0	0.0	0.0

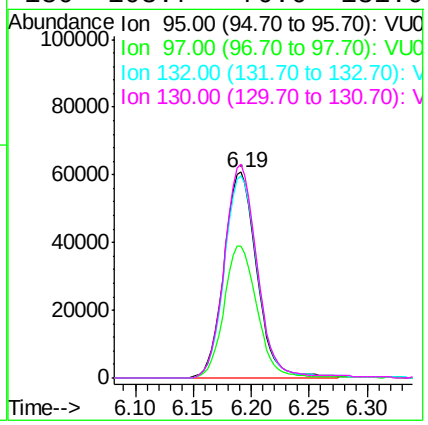


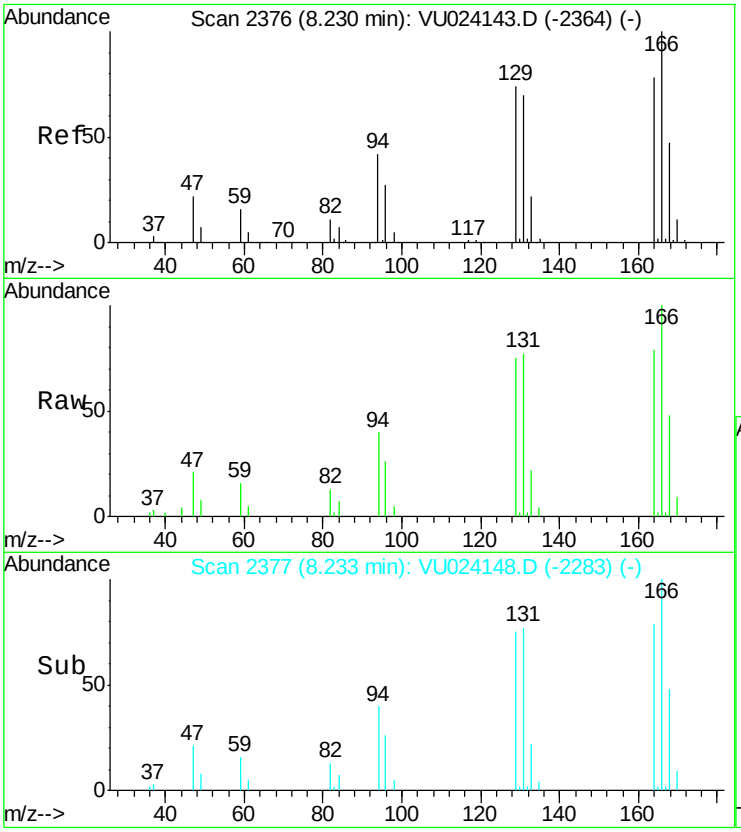


#34
Trichloroethene
Concen: 47.85 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024148.D
Acq: 26 May 2018 16:15

Tgt Ion: 95 Resp: 119898

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.5	82.7
132	98.2	69.0	128.2
130	103.7	70.6	131.0





#46
Tetrachloroethene
Concen: 4.61 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024148.D
Acq: 26 May 2018 16:15

Tgt Ion:164 Resp: 8080

Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.6	123.6
131	97.2	64.5	119.9
166	126.6	89.3	165.9