Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024036.D
Acq On : 23 May 2018 14:35
Operator : MD/SY
Sample : J3081-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 04:34:31 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 24 04:14:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	301915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133531	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	22879	8.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 16.32%#			
7) Chloroethane-d5	1.68	69	28844	13.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 26.10%#			
11) 1,1-Dichloroethene-d2	2.27	63	29064	5.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 11.30%#			
21) 2-Butanone-d5	4.18	46	198656	101.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.75%			
24) Chloroform-d	4.65	84	106230	24.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 49.62%#			
26) 1,2-Dichloroethane-d4	5.31	65	76545	27.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 54.34%#			
32) Benzene-d6	5.35	84	123795	13.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 27.78%#			
36) 1,2-Dichloropropane-d6	6.34	67	69934	23.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 46.48%#			
41) Toluene-d8	7.57	98	76780	9.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 18.70%#			
43) trans-1,3-Dichloropropene-	7.86	79	25981	20.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 41.04%#			
47) 2-Hexanone-d5	8.31	63	123669	89.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.15%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172369	40.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.34%			
64) 1,2-Dichlorobenzene-d4	11.87	152	88643	30.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.48%#			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	10372	3.99	ug/L	97
34) Trichloroethene	6.19	95	17231	6.73	ug/L	94

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

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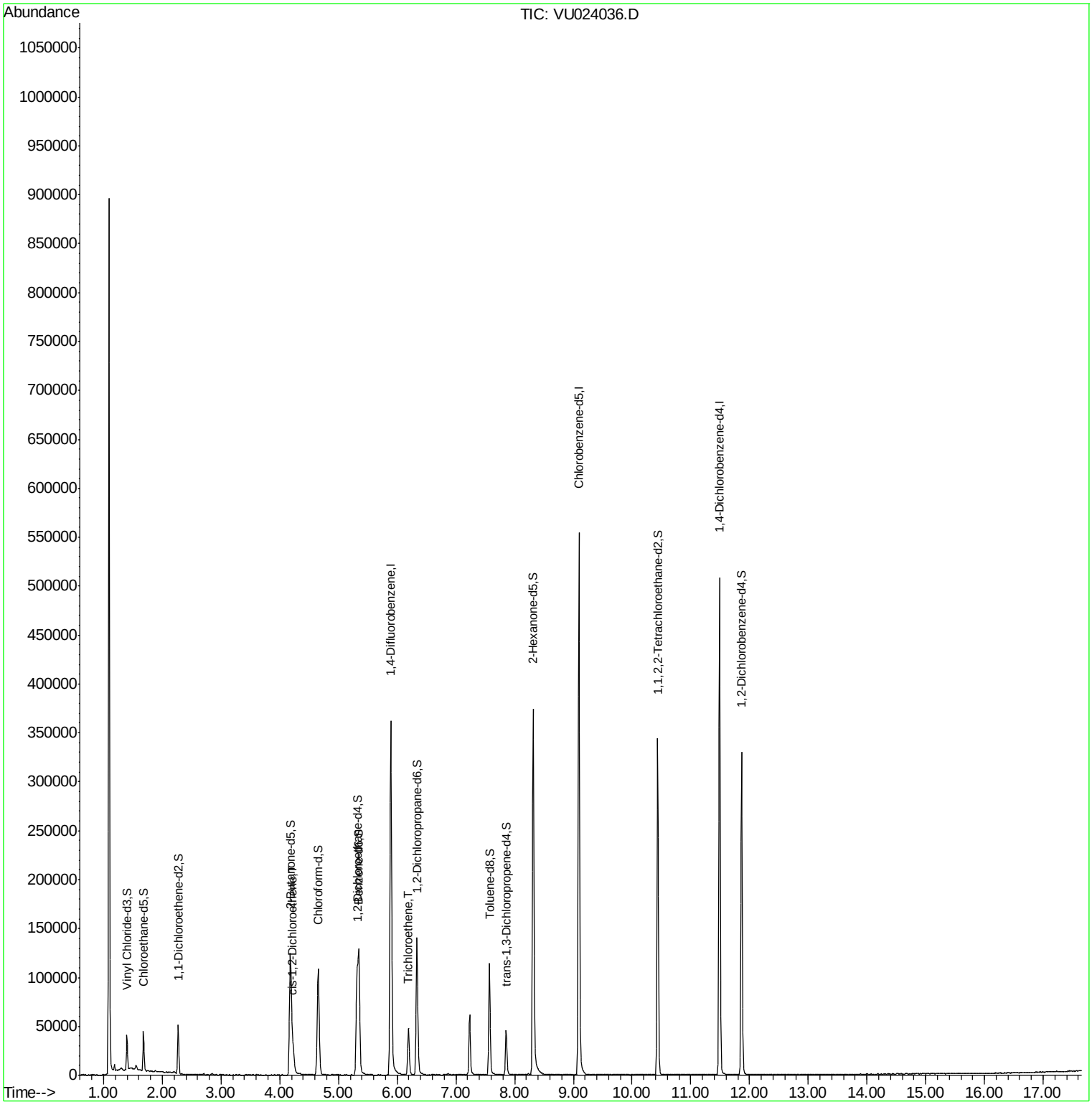
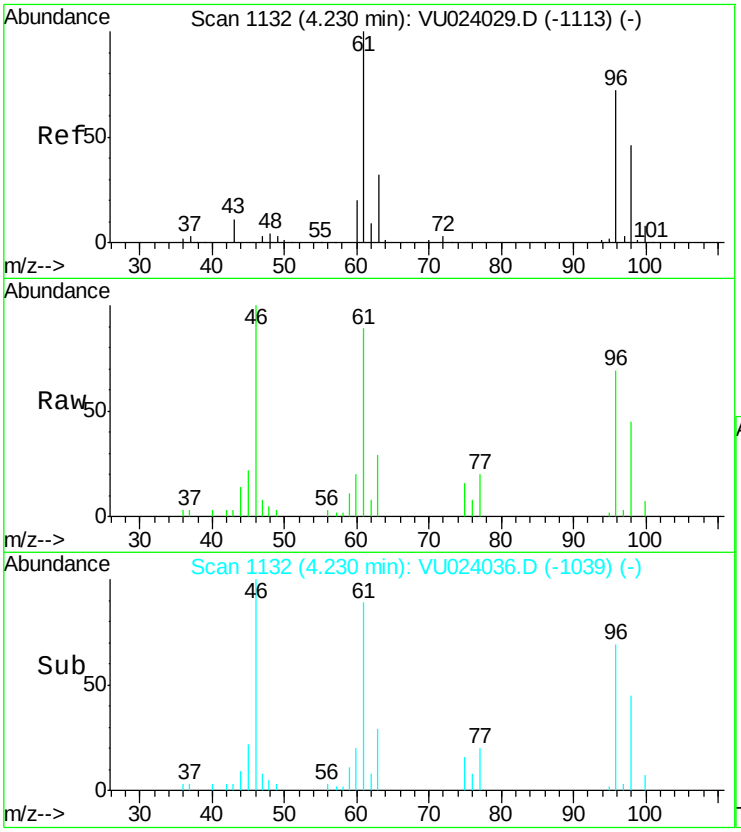
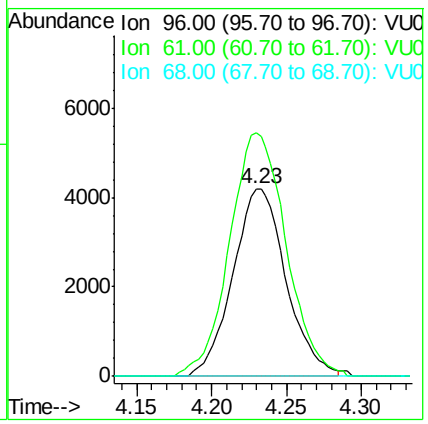


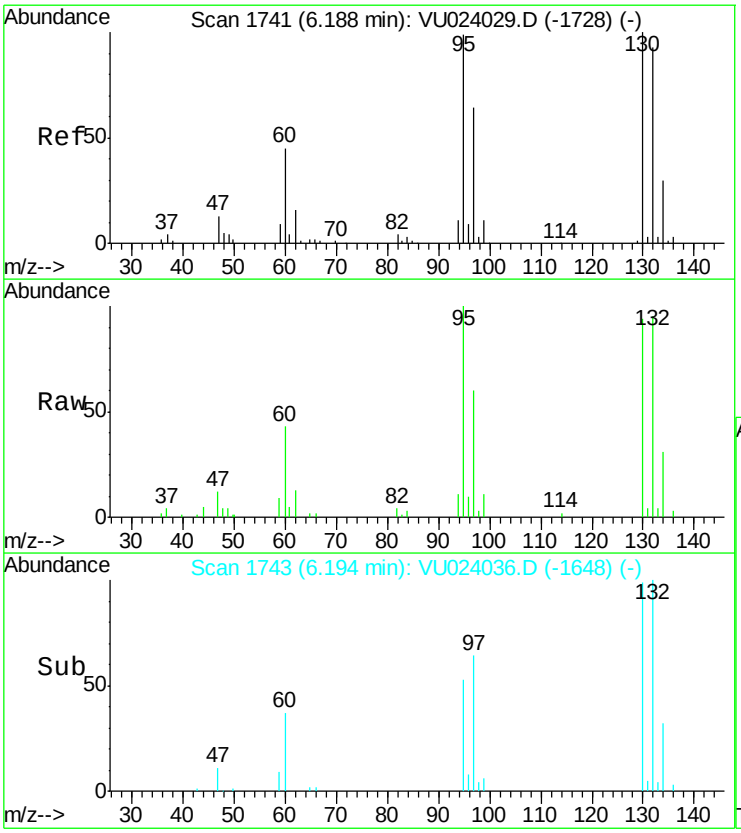


#20
cis-1,2-Dichloroethene
Concen: 3.99 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024036.D
Acq: 23 May 2018 14:35

Tgt Ion: 96 Resp: 10372

Ion	Ratio	Lower	Upper
96	100		
61	129.7	93.3	173.3
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 6.73 ug/L
RT: 6.19 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VU024036.D
Acq: 23 May 2018 14:35

Tgt Ion: 95 Resp: 17231

Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.4	84.2
132	94.6	69.0	128.1
130	94.0	71.7	133.1