Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024037.D
Acq On : 23 May 2018 15:01
Operator : MD/SY
Sample : J3081-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 04:36:59 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

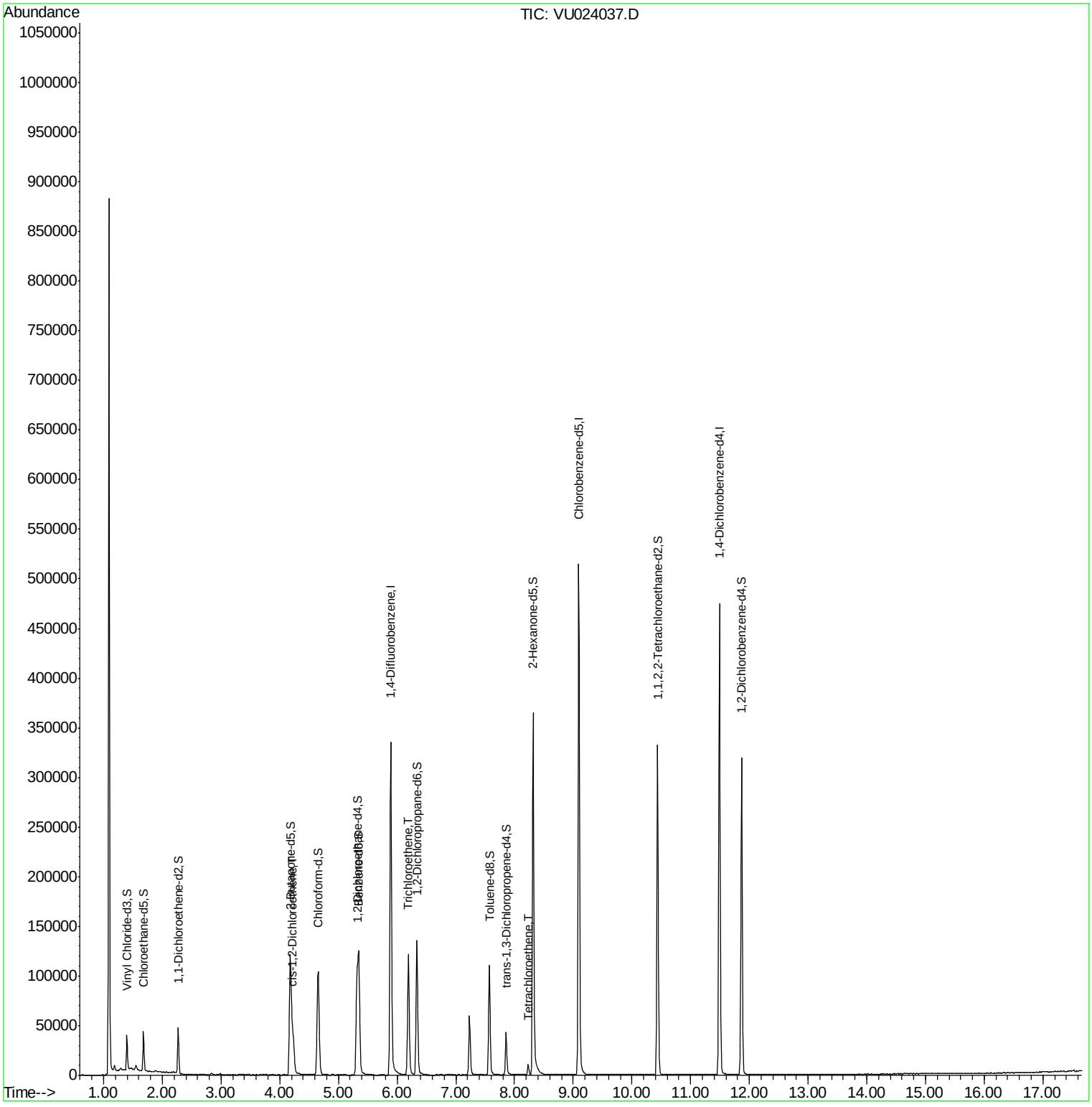
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	278394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	21904	8.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 16.94%#			
7) Chloroethane-d5	1.68	69	28235	13.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 27.70%#			
11) 1,1-Dichloroethene-d2	2.27	63	27387	5.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 11.54%#			
21) 2-Butanone-d5	4.18	46	193595	107.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.54%			
24) Chloroform-d	4.65	84	102660	26.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 52.00%#			
26) 1,2-Dichloroethane-d4	5.32	65	74763	28.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 57.56%#			
32) Benzene-d6	5.35	84	121196	14.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 28.64%#			
36) 1,2-Dichloropropane-d6	6.34	67	68484	23.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 47.90%#			
41) Toluene-d8	7.57	98	75086	9.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 19.26%#			
43) trans-1,3-Dichloropropene-	7.86	79	24599	20.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 40.90%#			
47) 2-Hexanone-d5	8.32	63	120406	91.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.36%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167015	41.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.96%			
64) 1,2-Dichlorobenzene-d4	11.87	152	85261	32.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 64.14%#			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	16307	6.81	ug/L	98
34) Trichloroethene	6.19	95	42987	17.67	ug/L	97
46) Tetrachloroethene	8.23	164	2550	1.28	ug/L	91

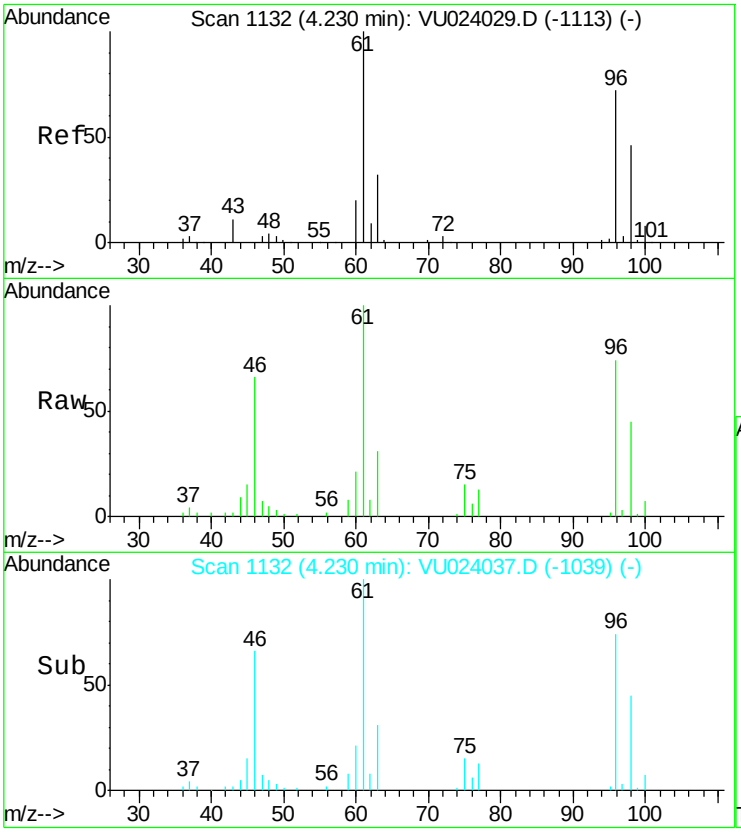
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024037.D
Acq On : 23 May 2018 15:01
Operator : MD/SY
Sample : J3081-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 04:36:59 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

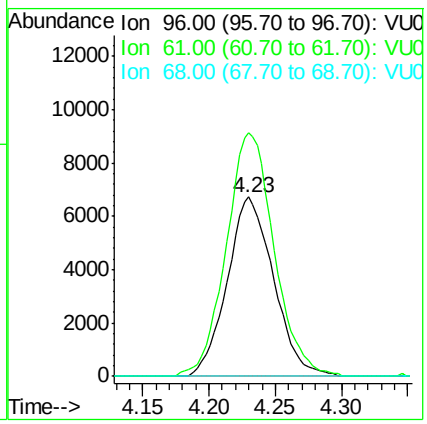


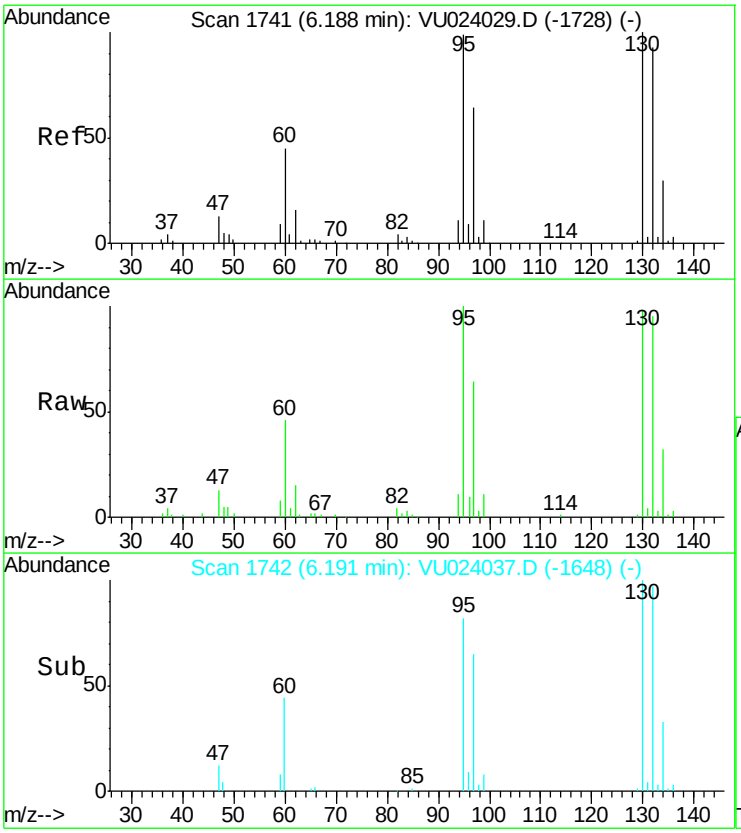


#20
cis-1,2-Dichloroethene
Concen: 6.81 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU024037.D
Acq: 23 May 2018 15:01

Tgt Ion: 96 Resp: 16307

Ion	Ratio	Lower	Upper
96	100		
61	135.8	93.3	173.3
68	0.0	0.0	0.0

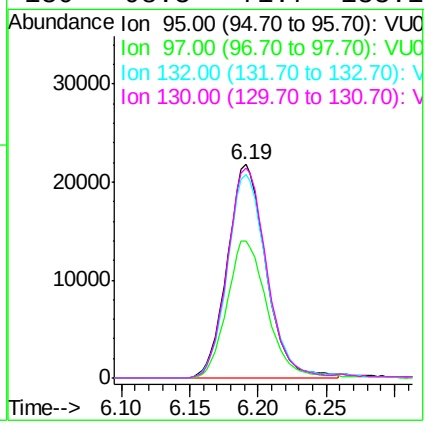


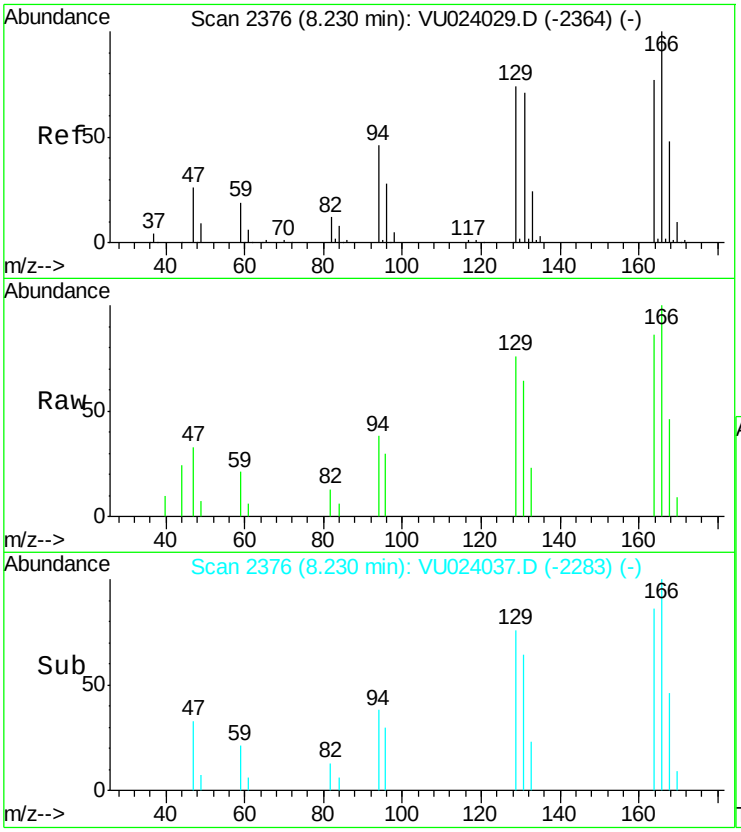


#34
Trichloroethene
Concen: 17.67 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024037.D
Acq: 23 May 2018 15:01

Tgt Ion: 95 Resp: 42987

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.2
132	95.4	69.0	128.1
130	98.3	71.7	133.1





#46
Tetrachloroethene
Concen: 1.28 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024037.D
Acq: 23 May 2018 15:01

Tgt Ion:164 Resp: 2550

Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.3	121.3
131	75.0	63.0	117.0
166	116.7	87.4	162.2