Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Data File : VU023628.D
Acq On : 04 May 2018 03:36
Operator : MD/SY
Sample : J2630-21
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 04 05:35:12 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	139718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59415	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43624	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.68	69	37262	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.27	63	61145	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.20	46	141490	48.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.52%			
24) Chloroform-d	4.65	84	87123	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.32	65	47693	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.34	84	169884	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.34	67	59233	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.57	98	137027	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
43) trans-1,3-Dichloropropene-	7.86	79	11126	2.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 48.60%#			
46) 2-Hexanone-d5	8.32	63	92883	39.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.16%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	48390	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.87	152	56497	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.23	96	9369	0.87	ug/L	99
34) Trichloroethene	6.19	95	2631	0.24	ug/L	90
47) Tetrachloroethene	8.23	164	2851	0.32	ug/L	95

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

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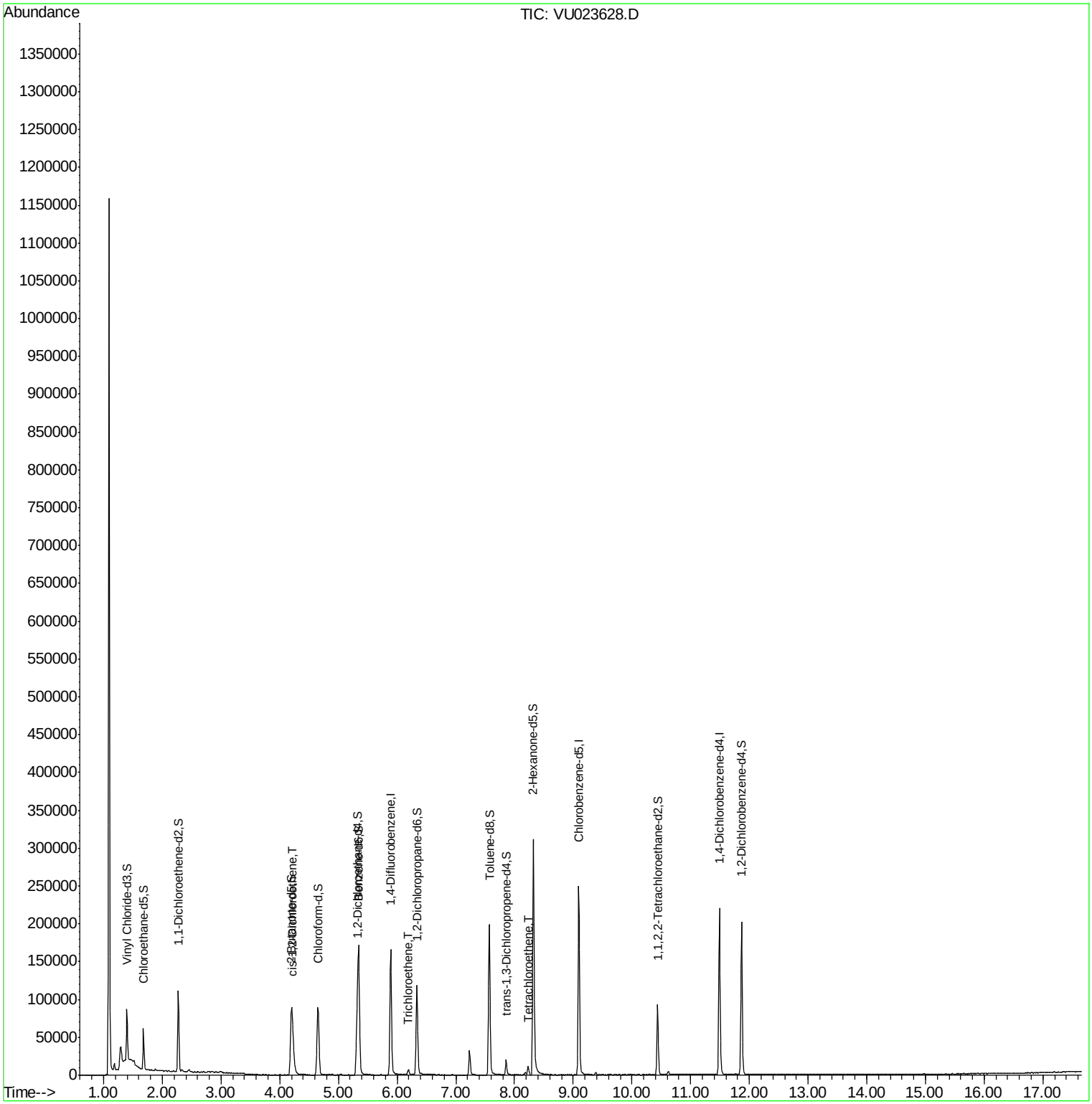
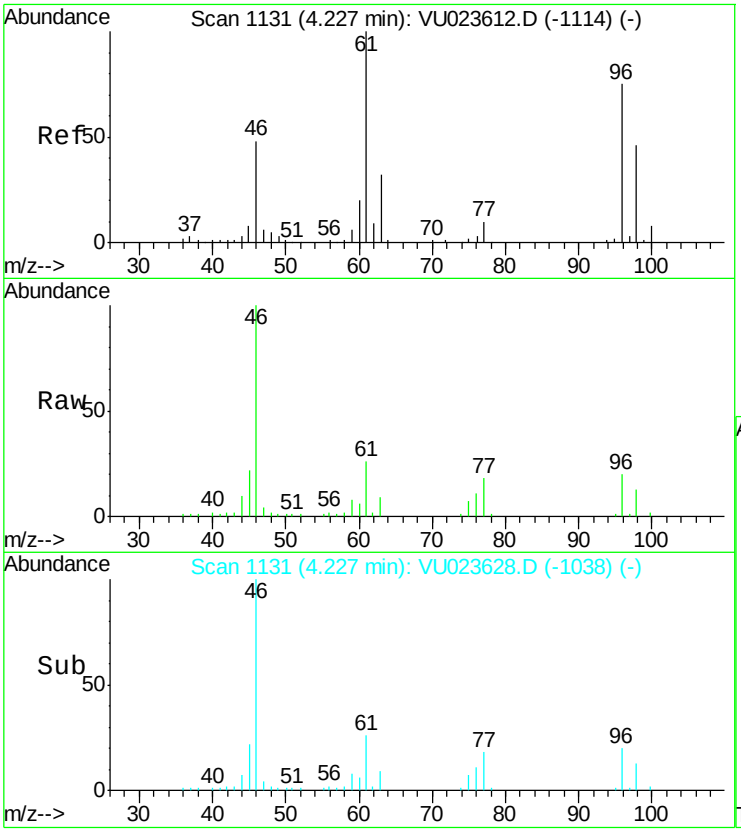
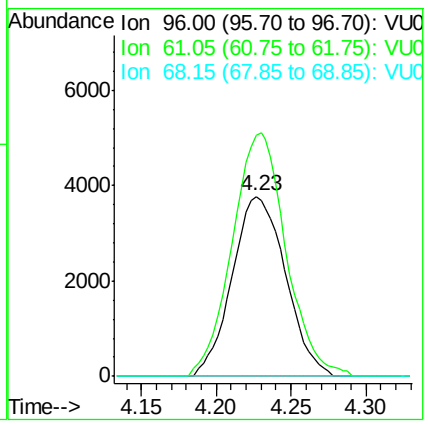


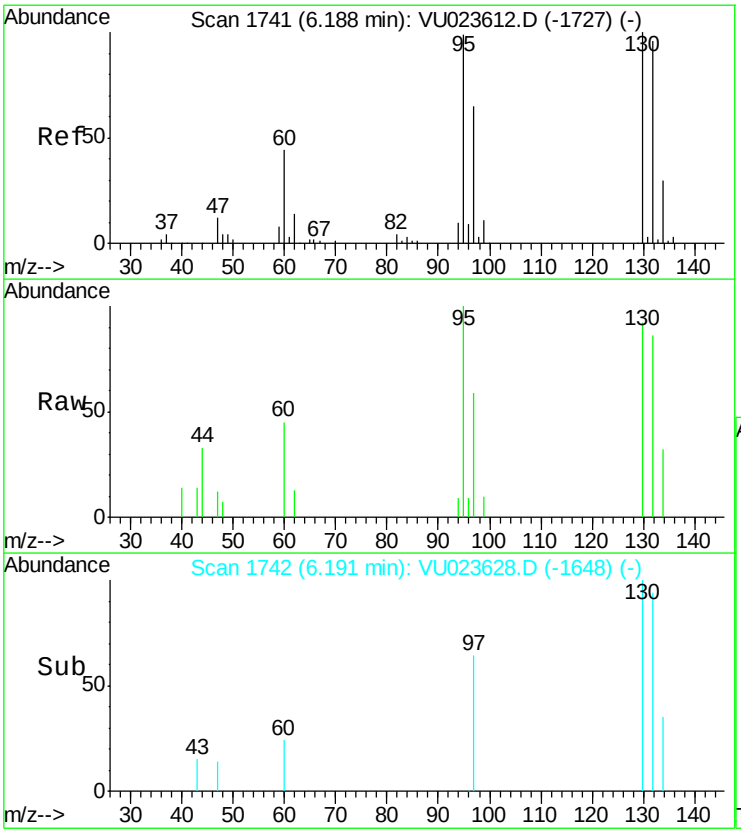


#22
cis-1,2-Dichloroethene
Concen: 0.87 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU023628.D
Acq: 04 May 2018 03:36

Tgt Ion: 96 Resp: 9369

Ion	Ratio	Lower	Upper
96	100		
61	133.8	94.6	175.6
68	0.0	0.0	0.0

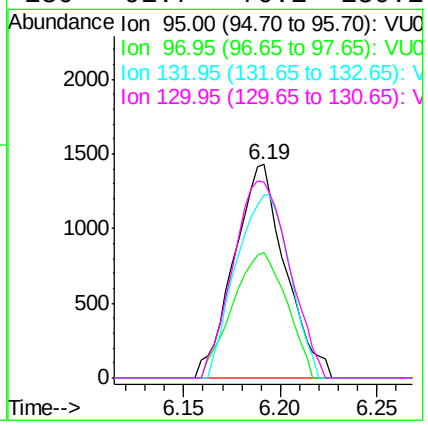


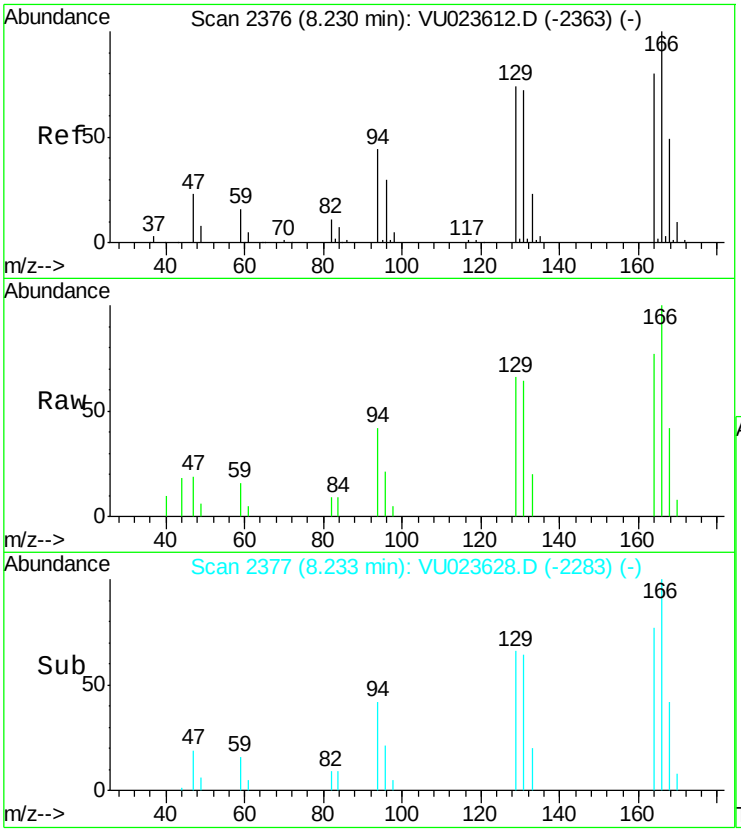


#34
Trichloroethene
Concen: 0.24 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU023628.D
Acq: 04 May 2018 03:36

Tgt Ion: 95 Resp: 2631

Ion	Ratio	Lower	Upper
95	100		
97	58.7	46.0	85.4
132	85.9	68.1	126.5
130	91.7	70.1	130.1





#47
Tetrachloroethene
Concen: 0.32 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU023628.D
Acq: 04 May 2018 03:36

Tgt Ion:164 Resp: 2851

Ion	Ratio	Lower	Upper
164	100		
129	84.9	64.4	119.6
131	82.2	63.9	118.7
166	129.2	90.0	167.2