Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101218\

Quantitation Report (QT/LSC Reviewed)

Data File : VU027648.D
Acq On : 13 Oct 2018 01:04
Operator : MD/SY
Sample : J5405-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Y8

Quant Time: Oct 22 08:59:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162025	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62305	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52311	37.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.66%			
7) Chloroethane-d5	1.68	69	43747	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.12%			
11) 1,1-Dichloroethene-d2	2.28	63	75581	29.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.28%#			
21) 2-Butanone-d5	4.18	46	99735	89.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.34%			
24) Chloroform-d	4.65	84	99342	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.82%			
26) 1,2-Dichloroethane-d4	5.31	65	68995	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.02%			
32) Benzene-d6	5.34	84	194006	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
36) 1,2-Dichloropropane-d6	6.33	67	70682	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.88%			
41) Toluene-d8	7.57	98	154523	37.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.46%#			
43) trans-1,3-Dichloropropene-	7.85	79	28540	37.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.48%			
47) 2-Hexanone-d5	8.31	63	64049	79.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91276	43.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54779	44.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.88%			
Target Compounds						Qvalue
25) Chloroform	4.67	83	3772	1.504	ug/L	93
46) Tetrachloroethene	8.23	164	4583	4.816	ug/L	91

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

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MSVOA_U
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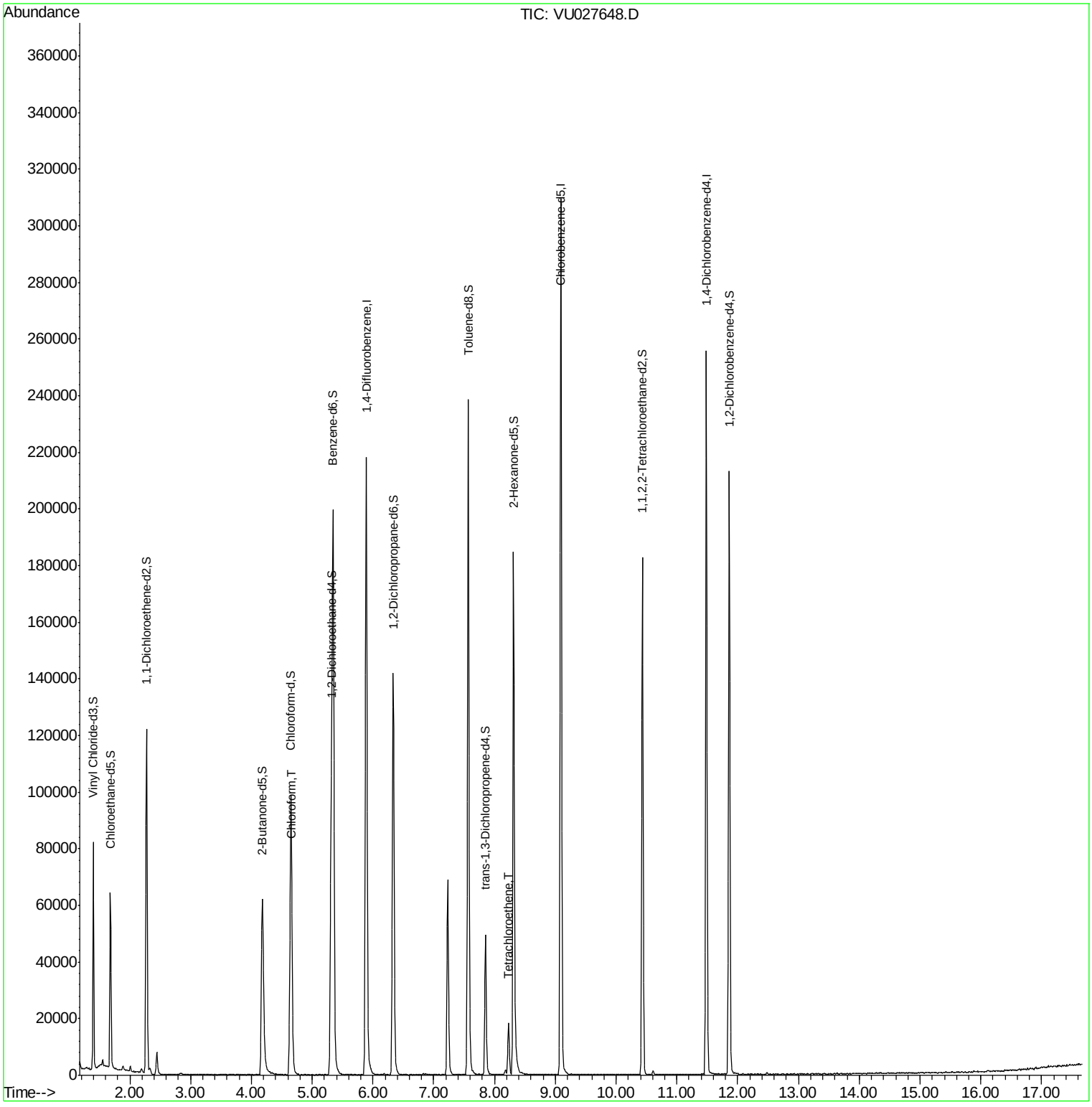
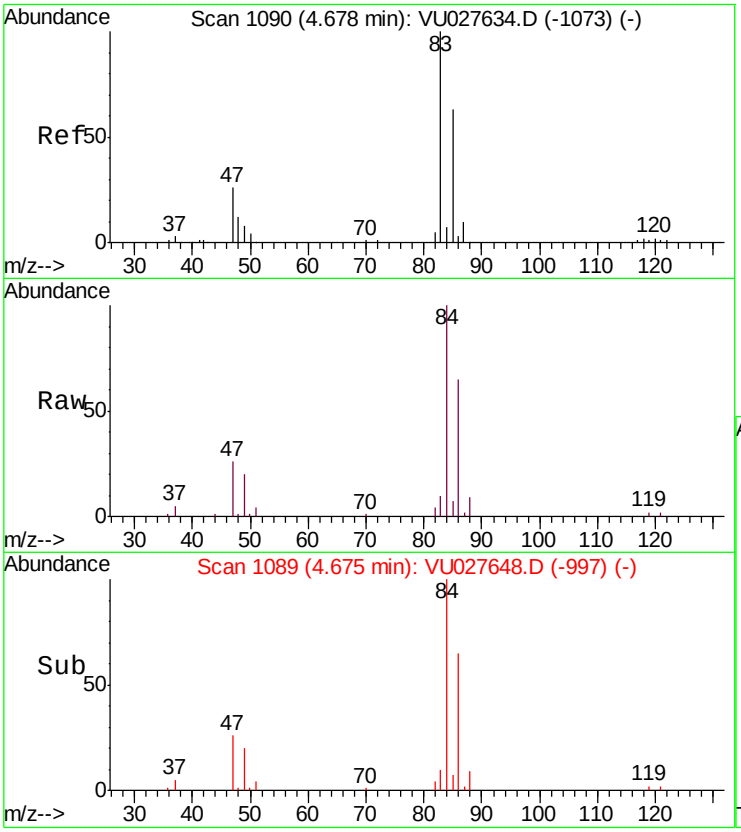


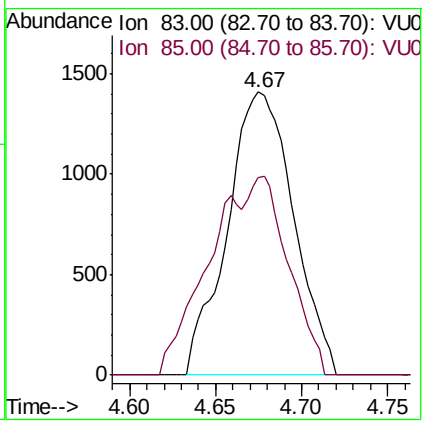


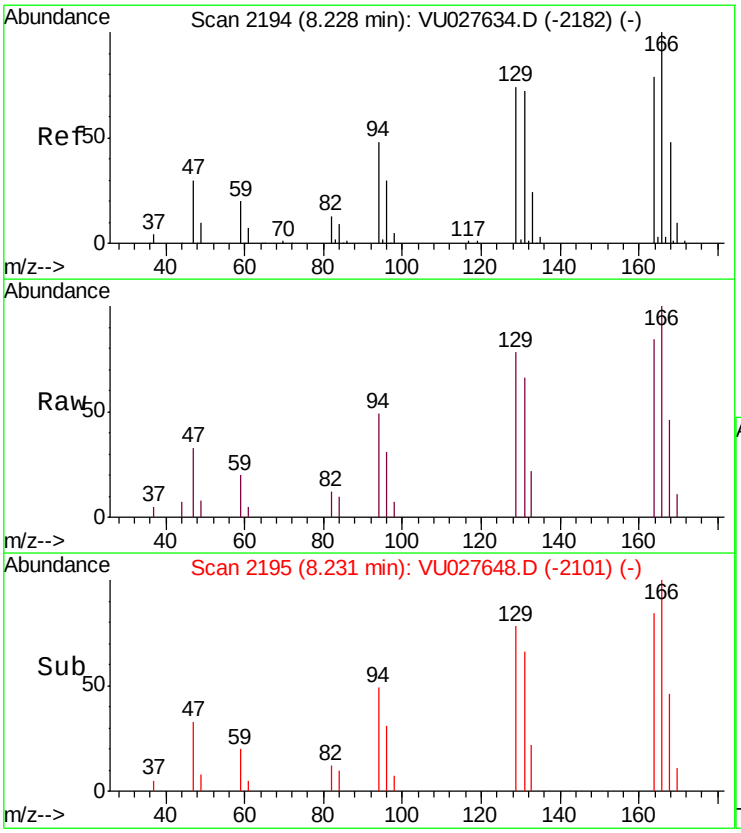
#25
Chloroform
Concen: 1.504 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Instrument : MSVOA_U
ClientSampleId : C08Y8

Tgt Ion: 83 Resp: 3772

Ion	Ratio	Lower	Upper
83	100		
85	69.7	45.0	83.6





#46
Tetrachloroethene
Concen: 4.816 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Tgt Ion:164 Resp: 4583

Ion	Ratio	Lower	Upper
164	100		
129	92.9	67.0	124.4
131	78.2	65.1	120.9
166	118.5	90.4	167.8