Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031646.D
Acq On : 30 Apr 2019 19:59
Operator : JC/SP
Sample : K2593-13 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X79

Quant Time: May 01 04:08:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	671844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	660025	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231970	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	304352	54.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.26%			
7) Chloroethane-d5	1.68	69	225102	51.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.27	63	452585	40.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.84%			
21) 2-Butanone-d5	4.19	46	489103	96.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.01%			
24) Chloroform-d	4.64	84	513786	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.78%			
26) 1,2-Dichloroethane-d4	5.31	65	358958	53.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.70%			
32) Benzene-d6	5.34	84	982668	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.96%			
36) 1,2-Dichloropropane-d6	6.33	67	359128	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.72%			
41) Toluene-d8	7.56	98	795683	45.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.14%			
43) trans-1,3-Dichloropropene-	7.85	79	133897	43.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.48%			
47) 2-Hexanone-d5	8.31	63	264245	85.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430785	45.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	228471	46.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.66%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	53708	5.638	ug/L	100
34) Trichloroethene	6.18	95	3973553	675.513	ug/L	93
42) Toluene	7.64	91	13439	0.556	ug/L	94
46) Tetrachloroethene	8.22	164	40066	9.991	ug/L	92

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

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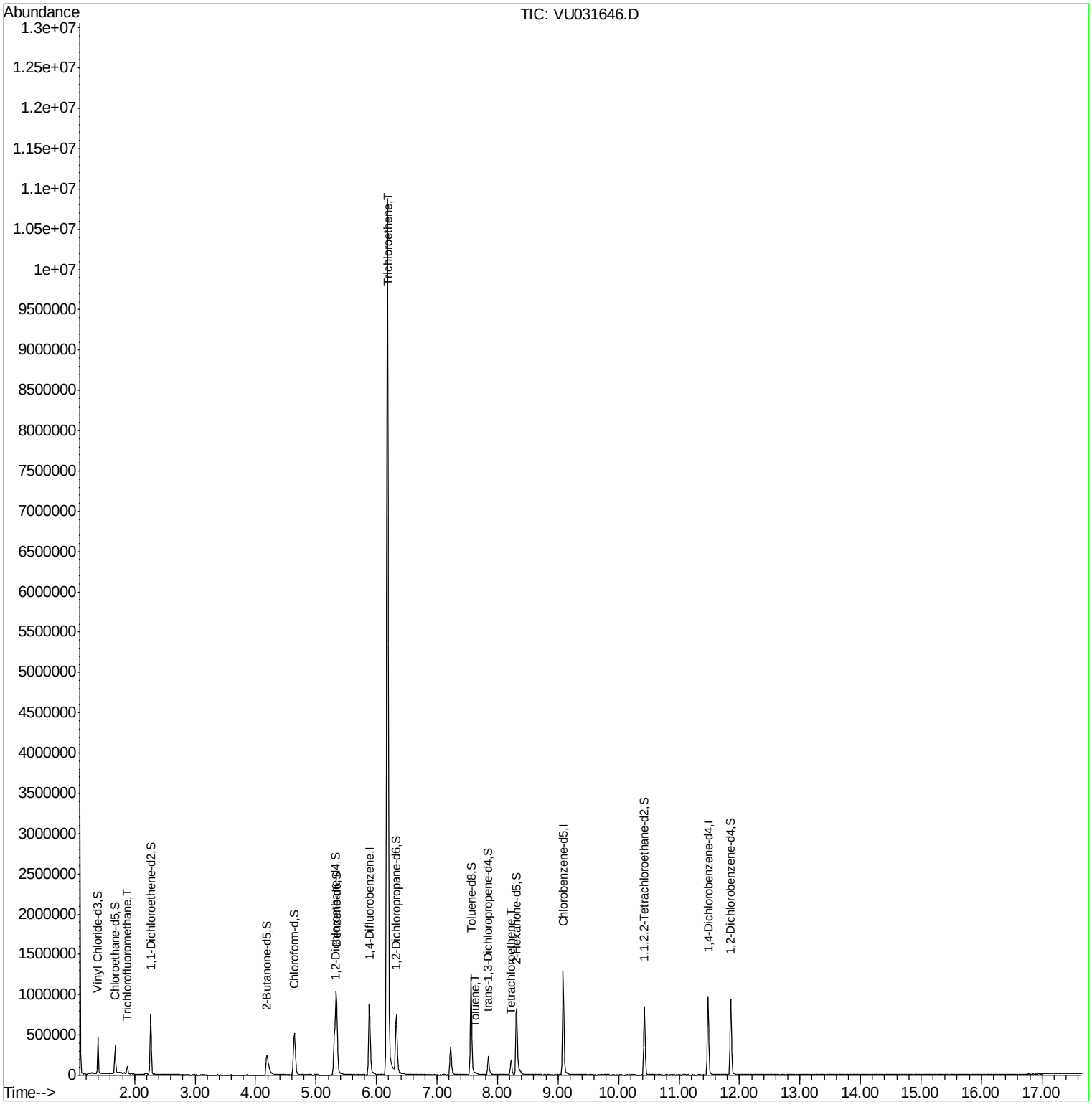
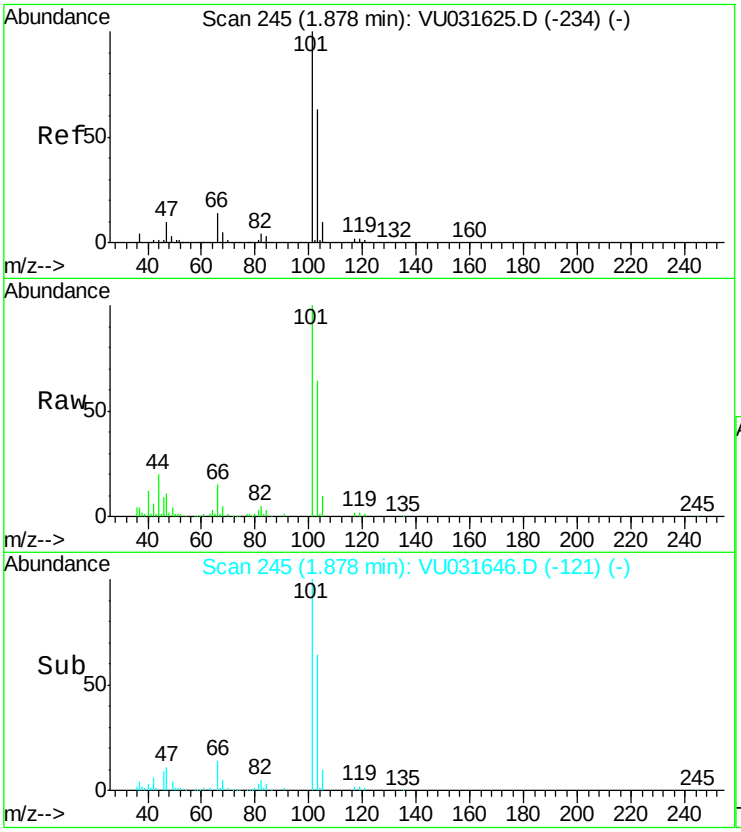


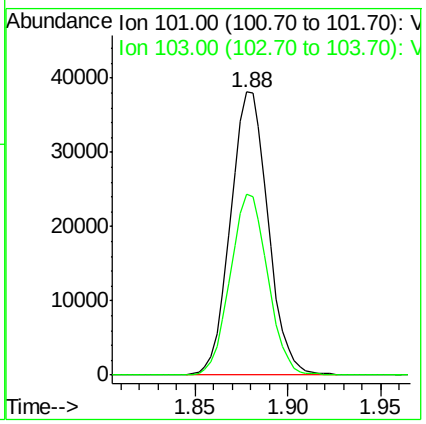


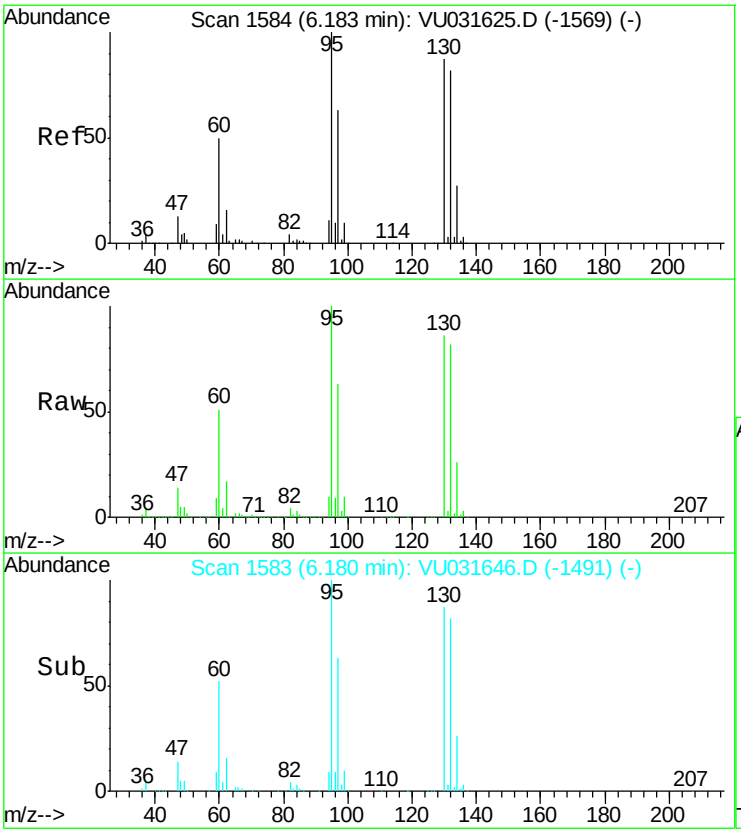
#9
Trichlorofluoromethane
Concen: 5.638 ug/L
RT: 1.88 min Scan# 245
Delta R.T. -0.00 min
Lab File: VU031646.D
Acq: 30 Apr 2019 19:59

Instrument :
MSVOA_U
ClientSampleId :
C0X79

Tgt Ion:101 Resp: 53708

Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.8	76.2

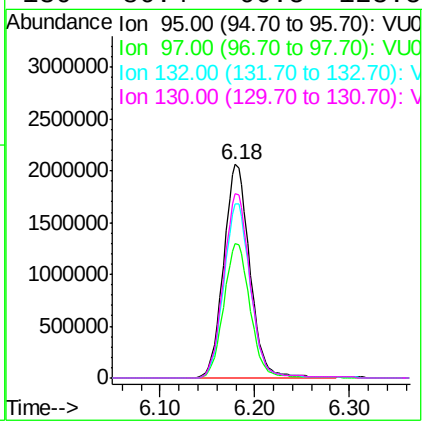


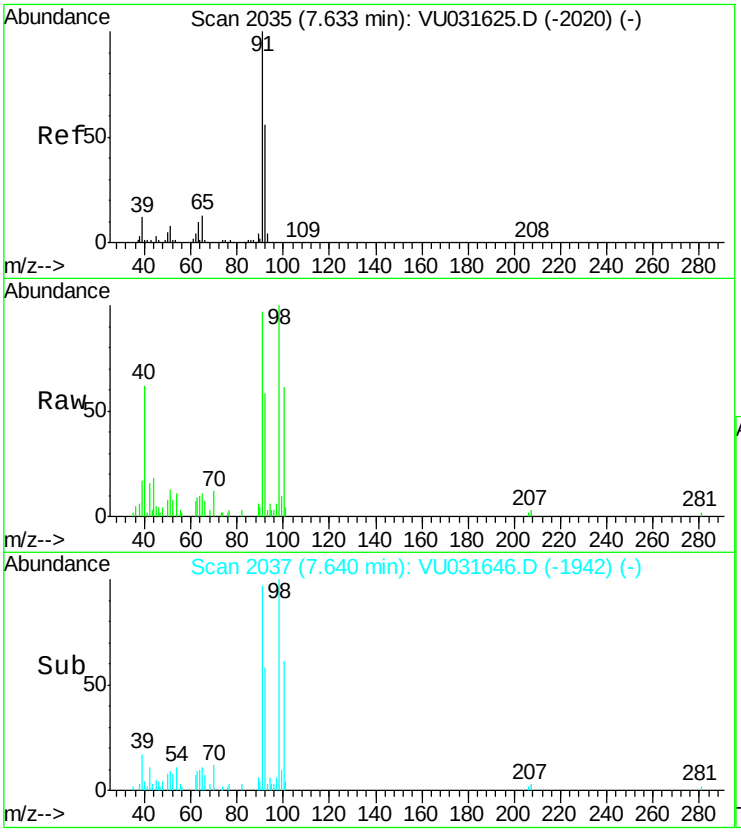


#34
Trichloroethene
Concen: 675.513 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031646.D
Acq: 30 Apr 2019 19:59

Tgt Ion: 95 Resp: 3973553

Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.8	83.2
132	81.6	63.1	117.1
130	86.4	66.5	123.5



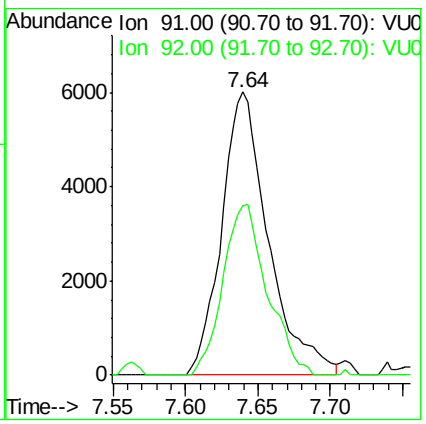


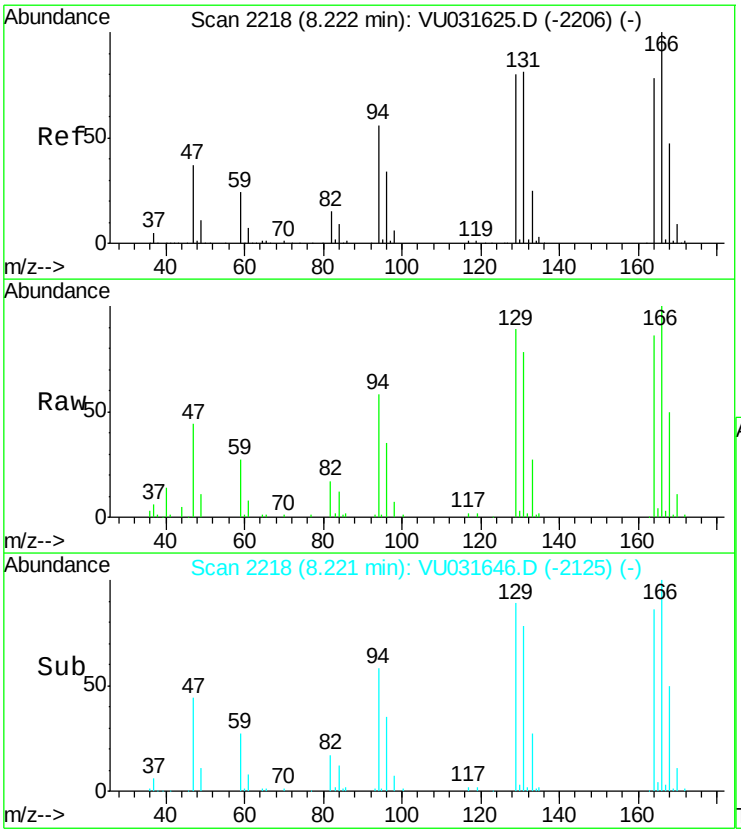
#42
Toluene
Concen: 0.556 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031646.D
Acq: 30 Apr 2019 19:59

Instrument : MSVOA_U
ClientSampleId : C0X79

Tgt Ion: 91 Resp: 13439

Ion	Ratio	Lower	Upper
91	100		
92	60.0	39.0	72.4





#46
Tetrachloroethene
Concen: 9.991 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031646.D
Acq: 30 Apr 2019 19:59

Tgt Ion:164 Resp: 40066

Ion	Ratio	Lower	Upper
164	100		
129	103.4	71.5	132.9
131	91.4	69.0	128.2
166	116.5	93.7	173.9