Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031433.D
Acq On : 23 Apr 2019 13:16
Operator : JC/SP
Sample : K2428-13 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X13

Quant Time: Apr 24 07:09:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	677836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	620484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251631	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	248541	45.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.50%			
7) Chloroethane-d5	1.68	69	204320	48.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.72%			
11) 1,1-Dichloroethene-d2	2.27	63	351576	36.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.60%			
21) 2-Butanone-d5	4.19	46	428470	104.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.64	84	424179	48.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.92%			
26) 1,2-Dichloroethane-d4	5.31	65	259437	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.96%			
32) Benzene-d6	5.34	84	845361	47.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.32%			
36) 1,2-Dichloropropane-d6	6.33	67	294237	51.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.02%			
41) Toluene-d8	7.56	98	766477	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.74%			
43) trans-1,3-Dichloropropene-	7.85	79	124697	47.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.88%			
47) 2-Hexanone-d5	8.31	63	286781	99.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	363251	46.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.84%			
64) 1,2-Dichlorobenzene-d4	11.85	152	255638	49.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	12586	1.739	ug/L	98
34) Trichloroethene	6.18	95	657870	138.337	ug/L	99
46) Tetrachloroethene	8.22	164	16761	4.970	ug/L	96

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

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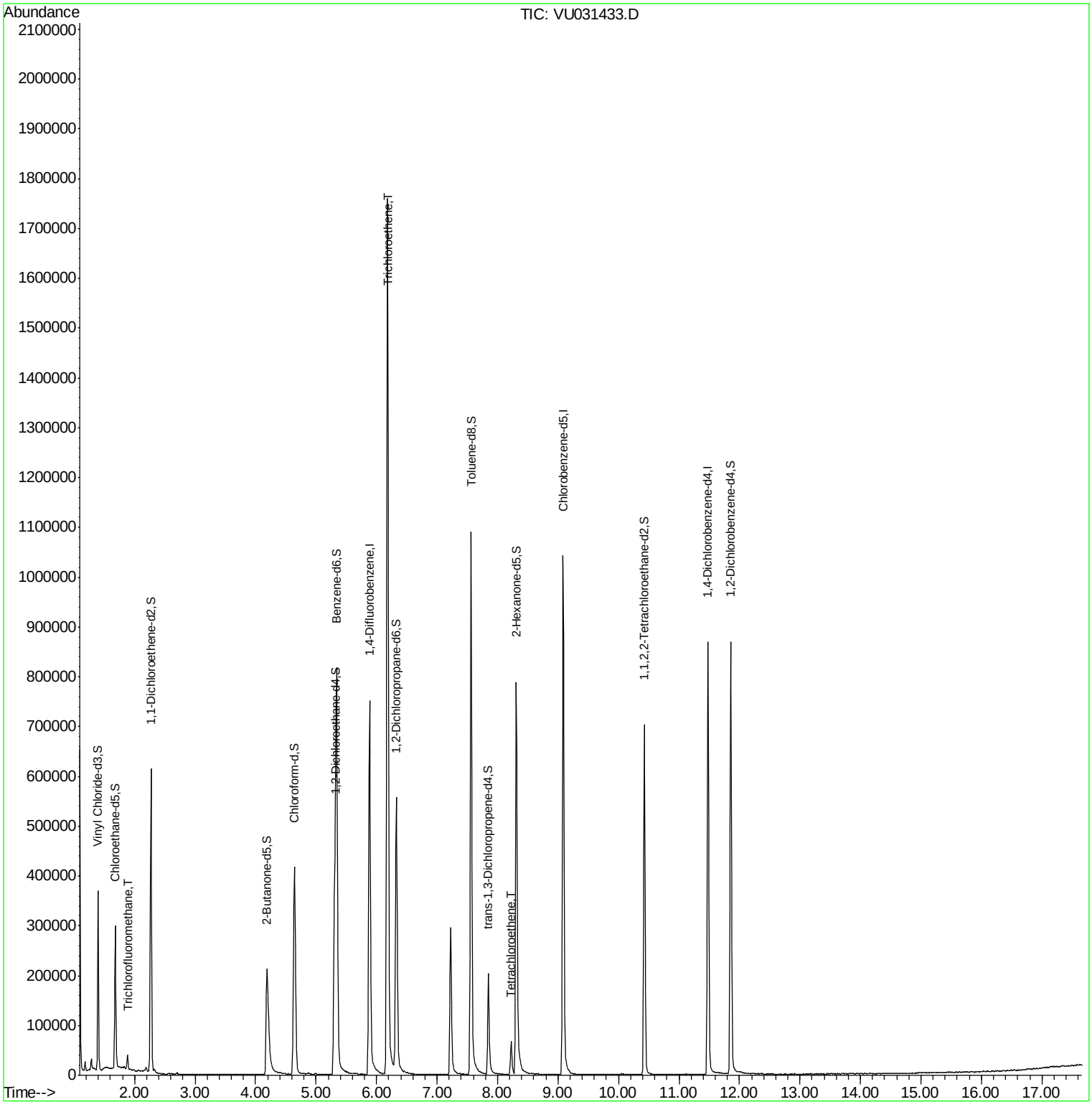
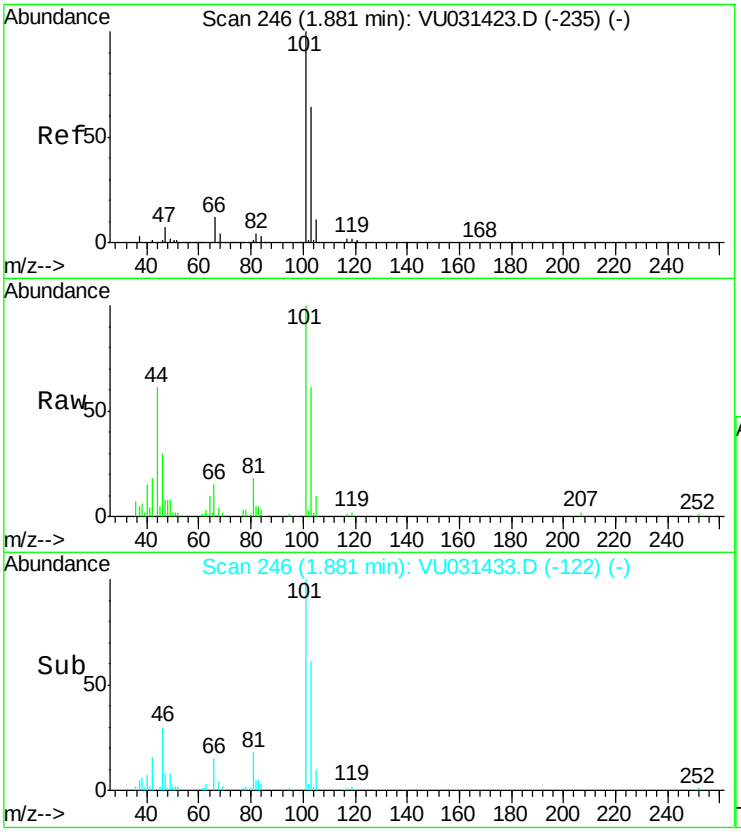


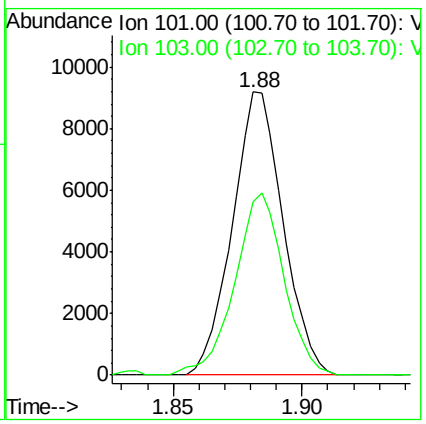


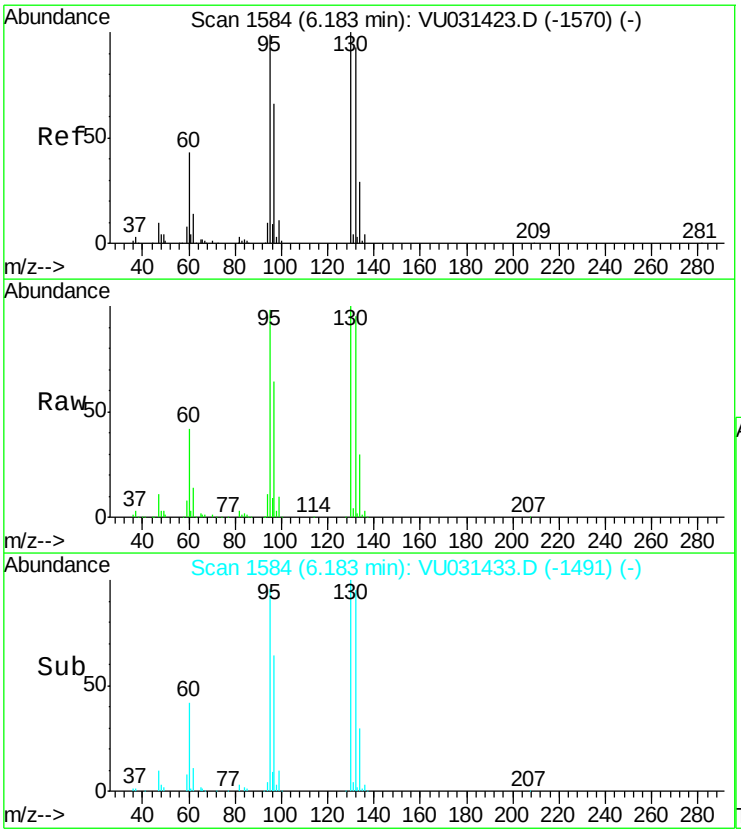
#9
Trichlorofluoromethane
Concen: 1.739 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031433.D
Acq: 23 Apr 2019 13:16

Instrument : MSVOA_U
ClientSampleId : C0X13

Tgt Ion:101 Resp: 12586

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.4	77.2

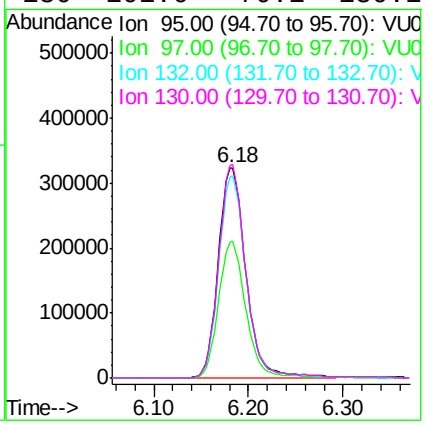


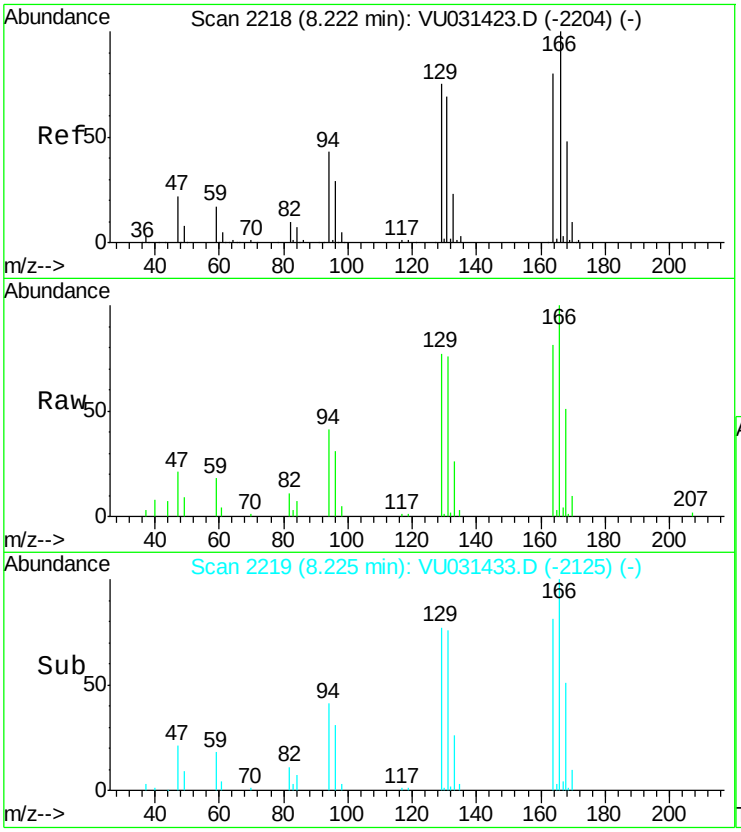


#34
Trichloroethene
Concen: 138.337 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031433.D
Acq: 23 Apr 2019 13:16

Tgt Ion: 95 Resp: 657870

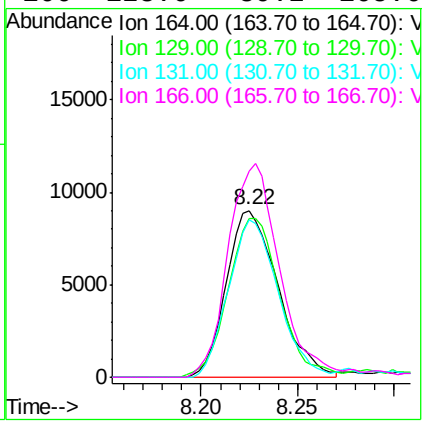
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.5
132	96.2	68.0	126.2
130	101.6	70.1	130.1





#46
Tetrachloroethene
Concen: 4.970 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031433.D
Acq: 23 Apr 2019 13:16

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Tgt Ion:164 Resp: 16761

Ion	Ratio	Lower	Upper
164	100		
129	95.6	65.2	121.0
131	94.5	61.4	114.0
166	123.6	89.2	165.6