Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031887.D
Acq On : 10 May 2019 14:39
Operator : JC/SP
Sample : K2690-19ME
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5165ME

Quant Time: May 11 02:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1101818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1105873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	465561	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	341983	37.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.18%			
7) Chloroethane-d5	1.64	69	188036	26.39	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 52.78%#			
11) 1,1-Dichloroethene-d2	2.22	63	507688	27.65	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.30%#			
21) 2-Butanone-d5	4.20	46	619519	74.15	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 74.15%			
24) Chloroform-d	4.64	84	640085	37.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.80%			
26) 1,2-Dichloroethane-d4	5.30	65	439329	39.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.64%			
32) Benzene-d6	5.33	84	1355581	39.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.84%			
36) 1,2-Dichloropropane-d6	6.32	67	466104	39.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.02%			
41) Toluene-d8	7.56	98	1166141	39.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.86%#			
43) trans-1,3-Dichloropropene-	7.85	79	189581	36.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.94%			
47) 2-Hexanone-d5	8.32	63	479226	92.67	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.67%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	694430	43.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	424937	43.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.80%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	312285	31.686	ug/L	97
46) Tetrachloroethene	8.22	164	19486	2.900	ug/L	91

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

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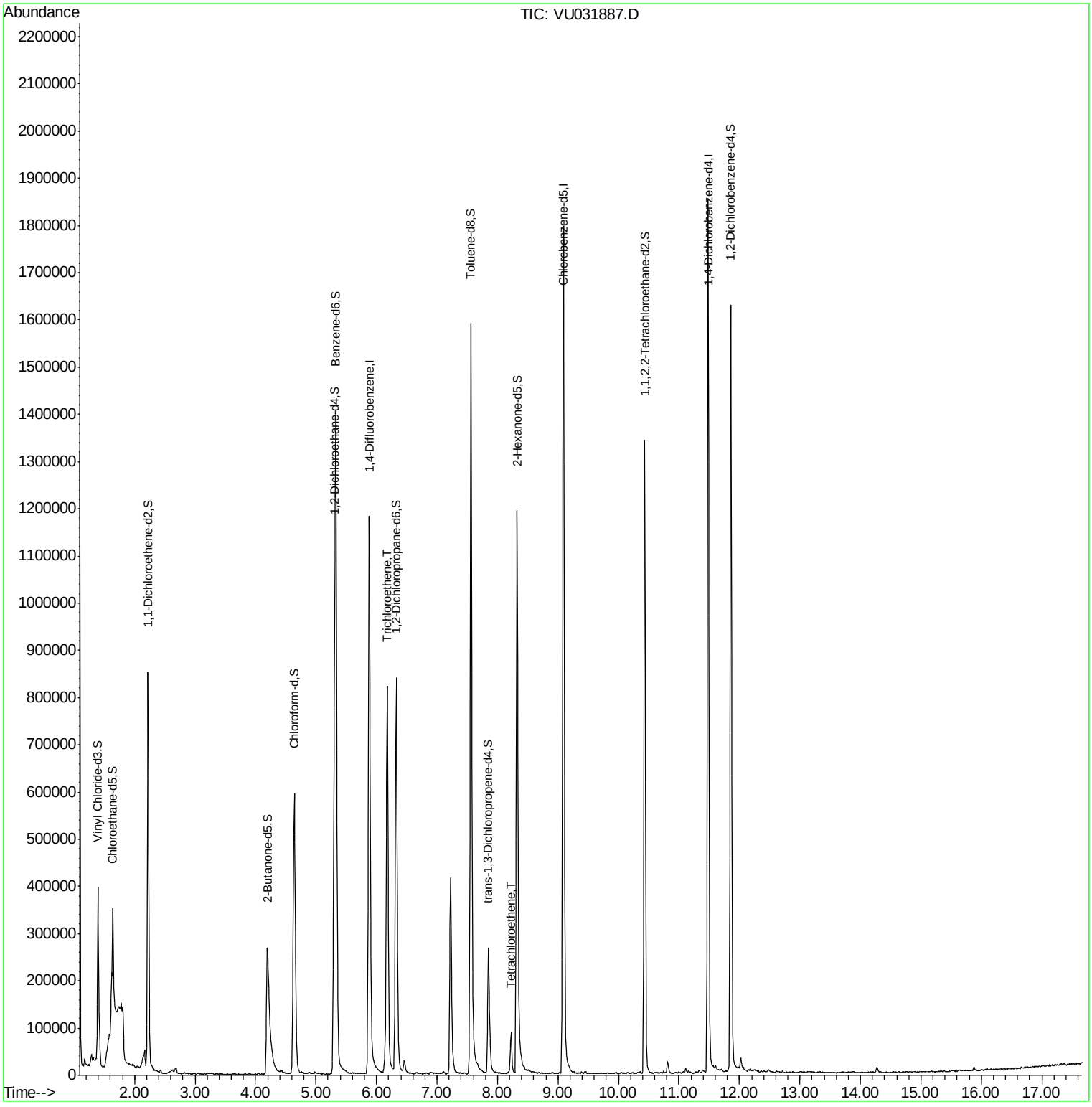
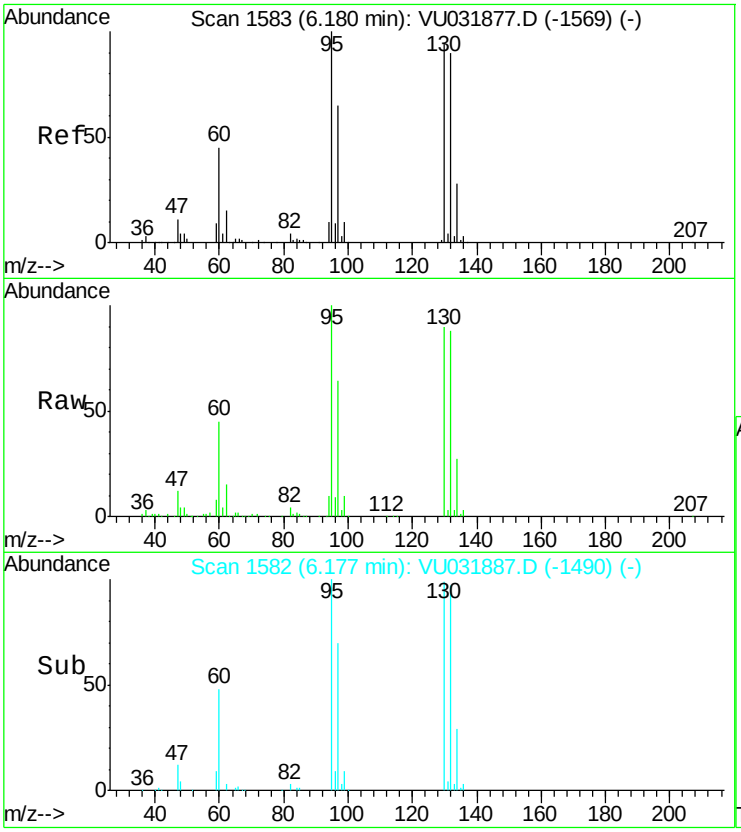


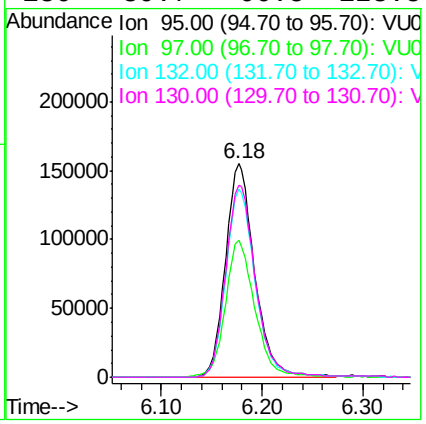


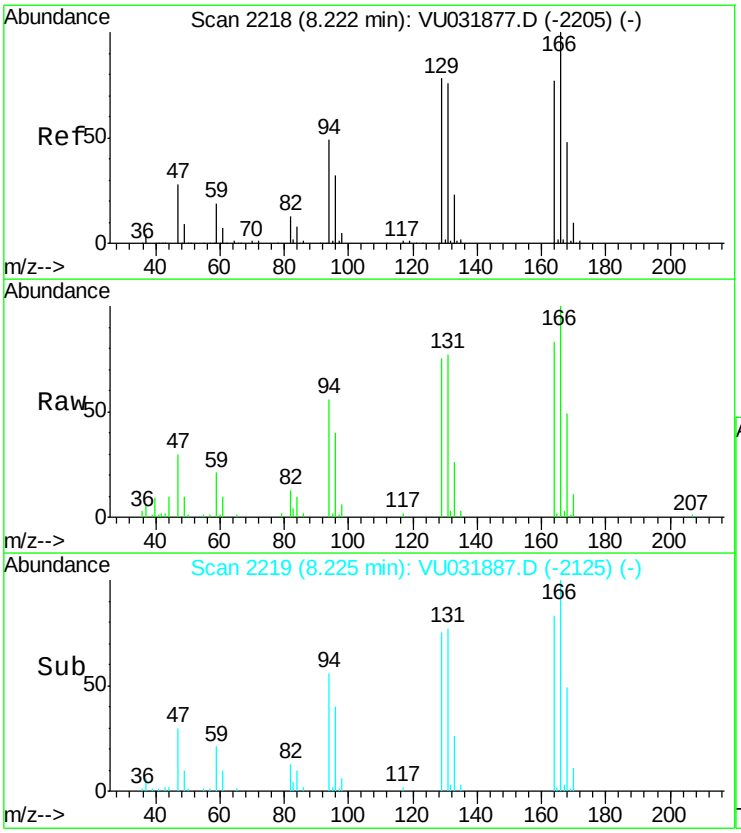
#34
Trichloroethene
Concen: 31.686 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU031887.D
Acq: 10 May 2019 14:39

Instrument : MSVOA_U
ClientSampleId : A5165ME

Tgt Ion: 95 Resp: 312285

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.8	83.2
132	88.0	63.1	117.1
130	89.7	66.5	123.5





#46
Tetrachloroethene
Concen: 2.900 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031887.D
Acq: 10 May 2019 14:39

Tgt Ion:164 Resp: 19486

Ion	Ratio	Lower	Upper
164	100		
129	91.0	71.5	132.9
131	93.3	69.0	128.2
166	121.2	93.7	173.9