Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031576.D
Acq On : 29 Apr 2019 11:16
Operator : JC/SP
Sample : K2590-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XB3

Quant Time: Apr 30 02:31:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	695043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	691245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	266529	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	311363	53.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.06%			
7) Chloroethane-d5	1.68	69	251404	55.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.86%			
11) 1,1-Dichloroethene-d2	2.27	63	463808	40.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.08%			
21) 2-Butanone-d5	4.19	46	603163	114.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.44%			
24) Chloroform-d	4.64	84	546346	51.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.56%			
26) 1,2-Dichloroethane-d4	5.31	65	372221	53.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.96%			
32) Benzene-d6	5.34	84	1091547	51.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.84%			
36) 1,2-Dichloropropane-d6	6.32	67	382499	51.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.44%			
41) Toluene-d8	7.56	98	893961	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.70%			
43) trans-1,3-Dichloropropene-	7.85	79	156208	48.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.46%			
47) 2-Hexanone-d5	8.31	63	363968	112.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	501094	50.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	299196	53.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.76%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	46072	4.675	ug/L	99
13) Acetone	2.34	43	58550	9.862	ug/L	90
34) Trichloroethene	6.18	95	651216	105.708	ug/L	97
46) Tetrachloroethene	8.22	164	170556	40.610	ug/L	96

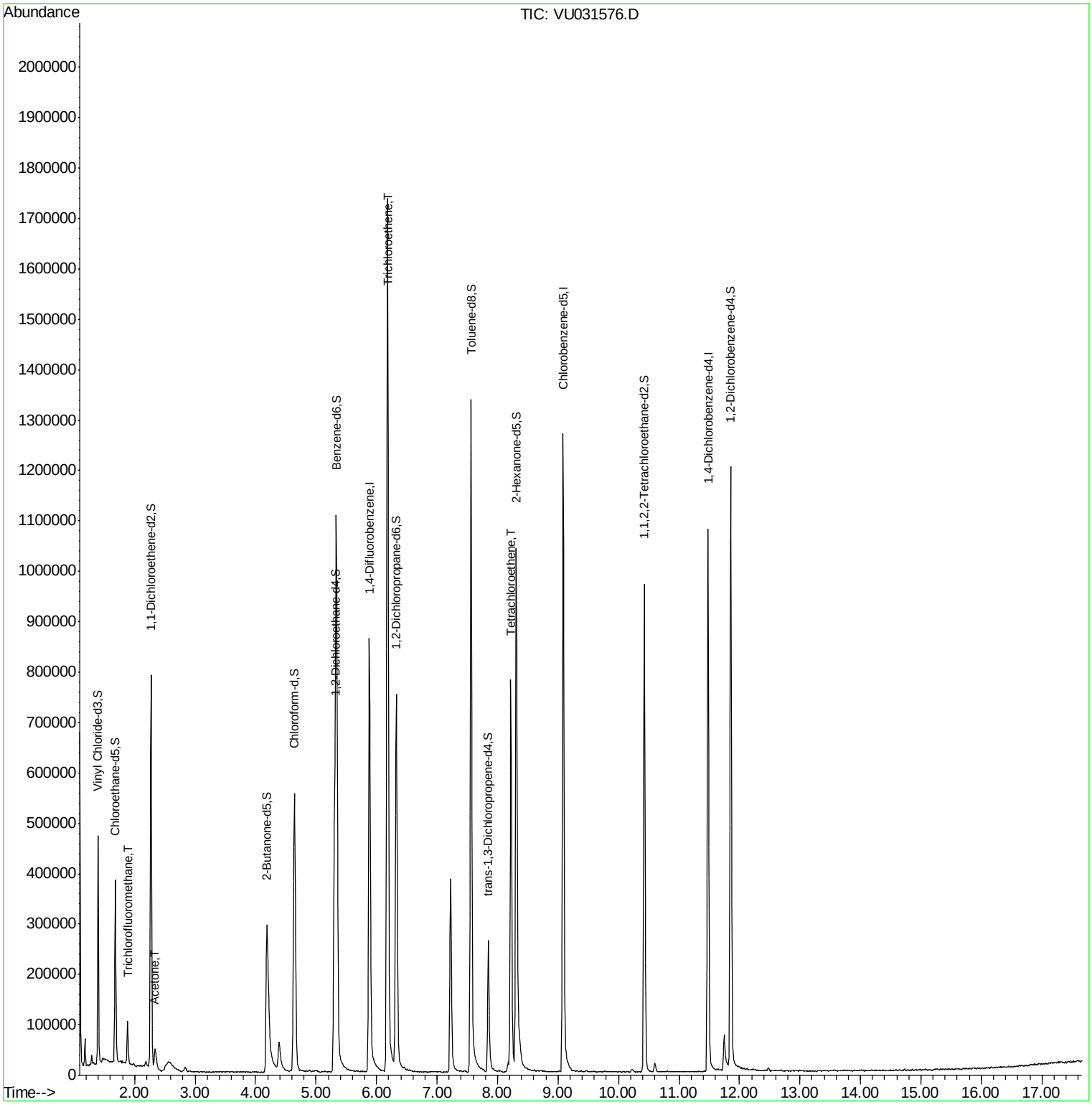
(#) = qualifier out of range (m) = manual integration (+) = signals summed

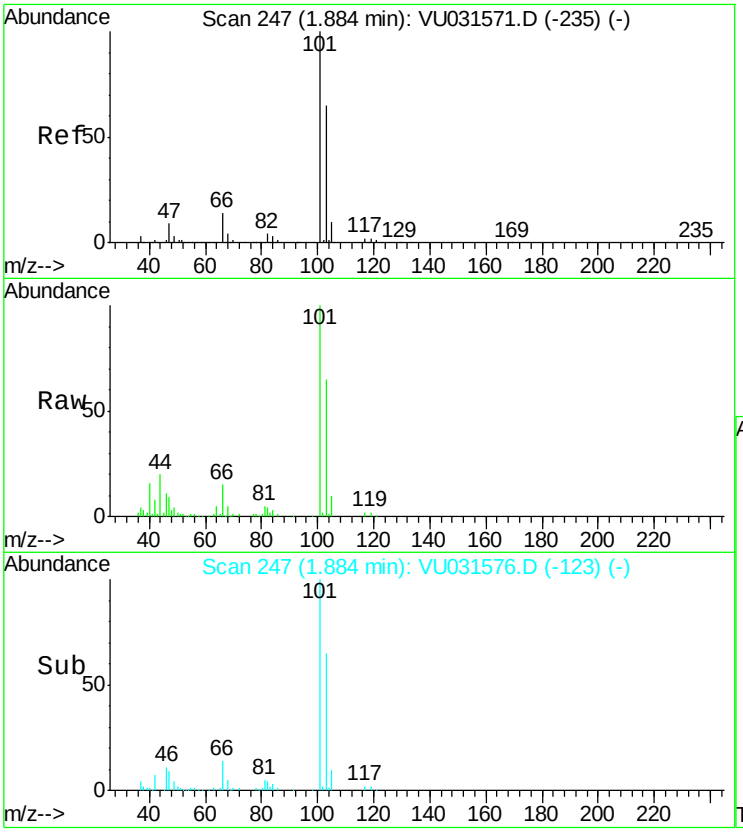
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031576.D
Acq On : 29 Apr 2019 11:16
Operator : JC/SP
Sample : K2590-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Quant Time: Apr 30 02:31:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration



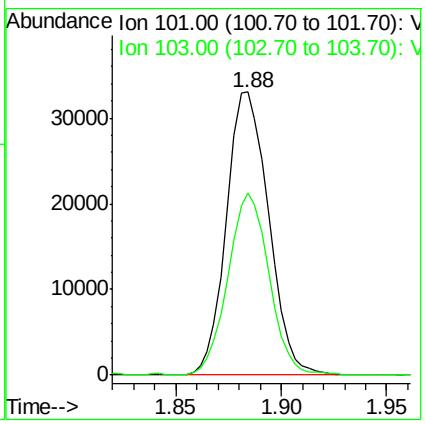


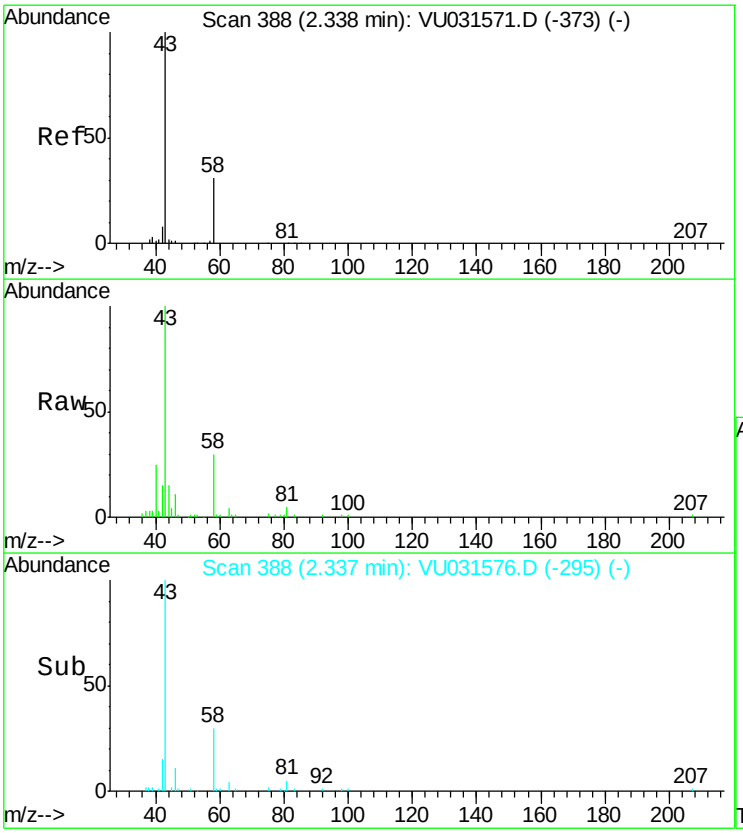
#9
Trichlorofluoromethane
Concen: 4.675 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Tgt Ion:101 Resp: 46072

Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.8	76.2

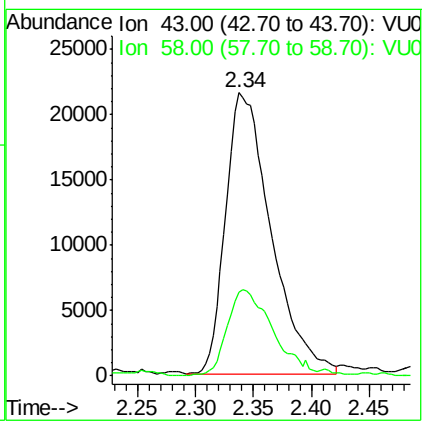


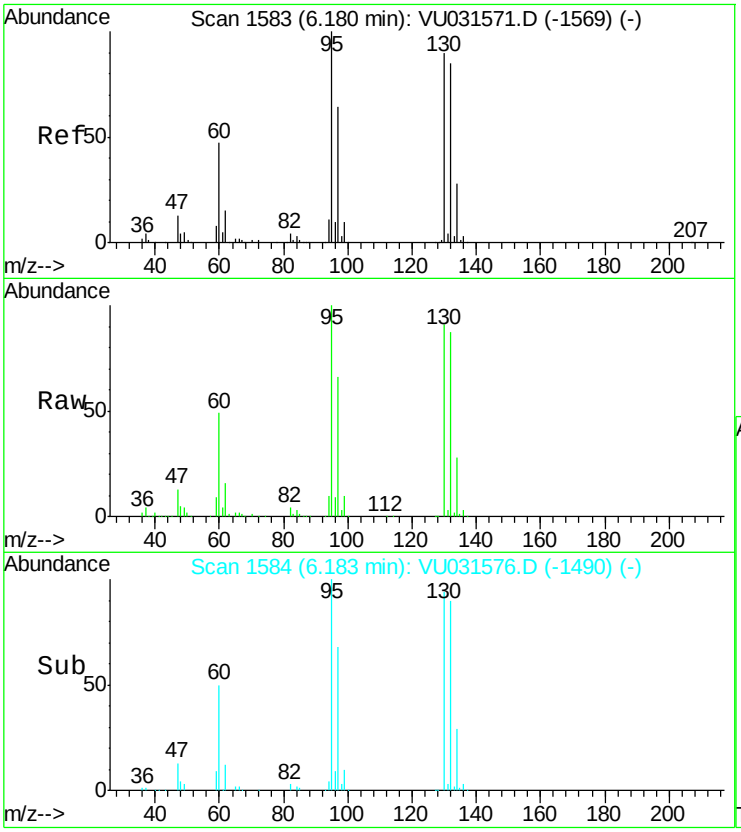


#13
Acetone
Concen: 9.862 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.00 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Tgt Ion: 43 Resp: 58550

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	64.4



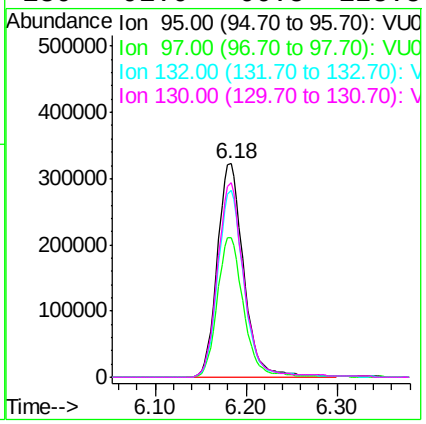


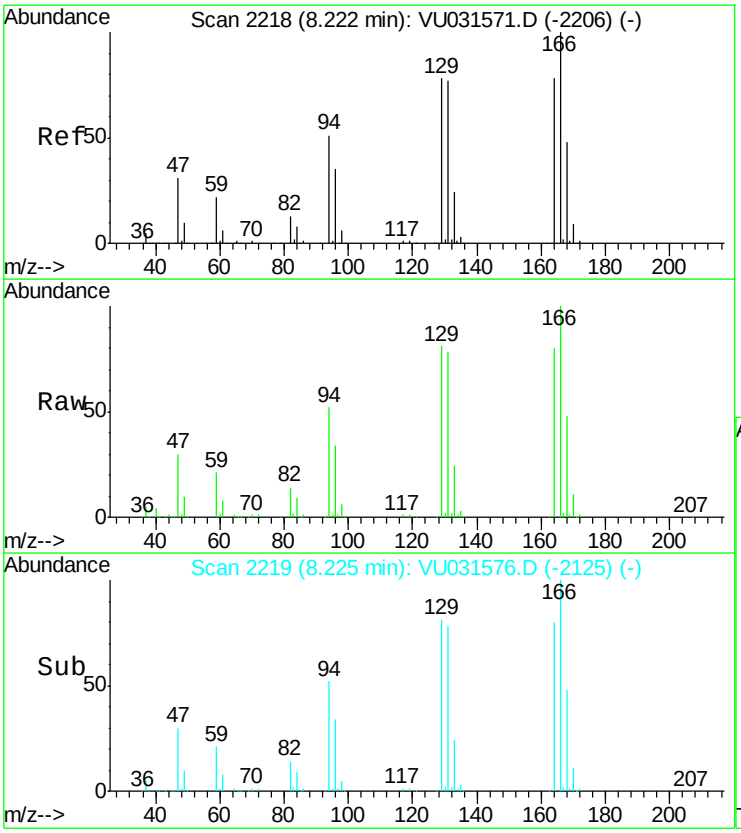
#34
Trichloroethene
Concen: 105.708 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Tgt Ion: 95 Resp: 651216

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.8	83.2
132	87.2	63.1	117.1
130	91.0	66.5	123.5





#46
Tetrachloroethene
Concen: 40.610 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031576.D
Acq: 29 Apr 2019 11:16

Tgt Ion:164 Resp: 170556

Ion	Ratio	Lower	Upper
164	100		
129	101.1	71.5	132.9
131	96.9	69.0	128.2
166	124.7	93.7	173.9