Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032219\
Data File : VU030322.D
Acq On : 22 Mar 2019 20:37
Operator : JC/SP
Sample : K2048-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1D6

Quant Time: Mar 23 05:34:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230382	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	133494	38.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.64%			
7) Chloroethane-d5	1.68	69	118525	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.10%			
11) 1,1-Dichloroethene-d2	2.27	63	188112	29.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.20%#			
21) 2-Butanone-d5	4.17	46	255734	98.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.95%			
24) Chloroform-d	4.65	84	277534	43.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.82%			
26) 1,2-Dichloroethane-d4	5.31	65	165063	45.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.52%			
32) Benzene-d6	5.34	84	583224	44.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.90%			
36) 1,2-Dichloropropane-d6	6.33	67	190347	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.78%			
41) Toluene-d8	7.56	98	505975	41.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.02%			
43) trans-1,3-Dichloropropene-	7.85	79	81576	41.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.54%			
47) 2-Hexanone-d5	8.31	63	203174	96.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.51%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288015	46.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	213114	46.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.14%			
Target Compounds						Qvalue
13) Acetone	2.32	43	8820	3.266	ug/L	93
34) Trichloroethene	6.19	95	20910	5.523	ug/L	98
42) Toluene	7.64	91	14911	0.954	ug/L	97
46) Tetrachloroethene	8.22	164	637866	199.400	ug/L	99

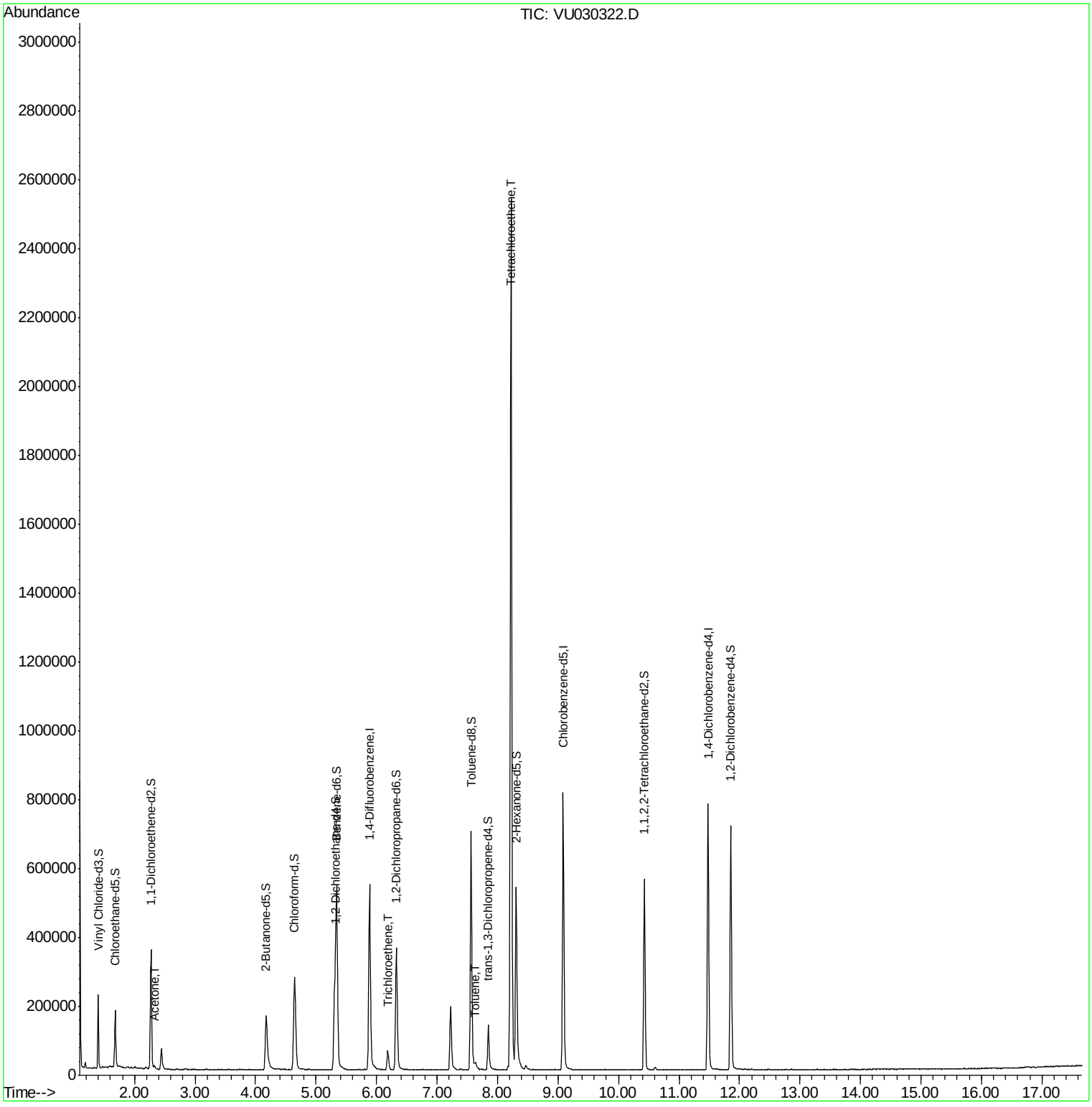
(#) = qualifier out of range (m) = manual integration (+) = signals summed

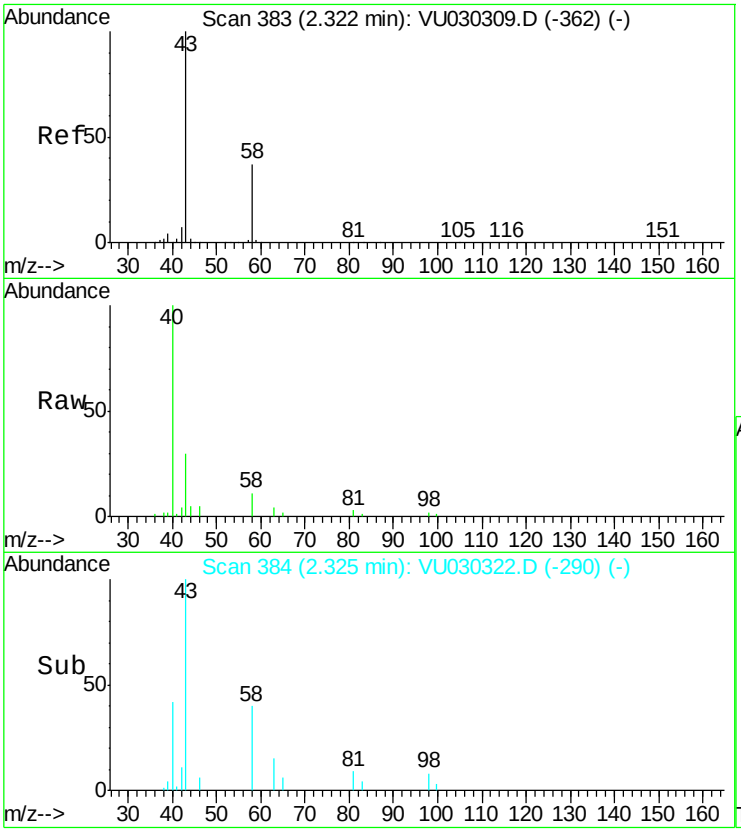
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
Data File : VU030322.D
Acq On : 22 Mar 2019 20:37
Operator : JC/SP
Sample : K2048-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D6

Quant Time: Mar 23 05:34:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration



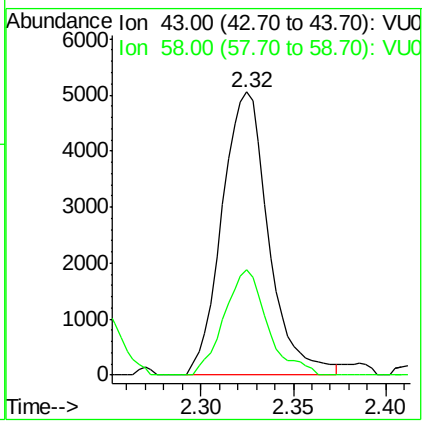


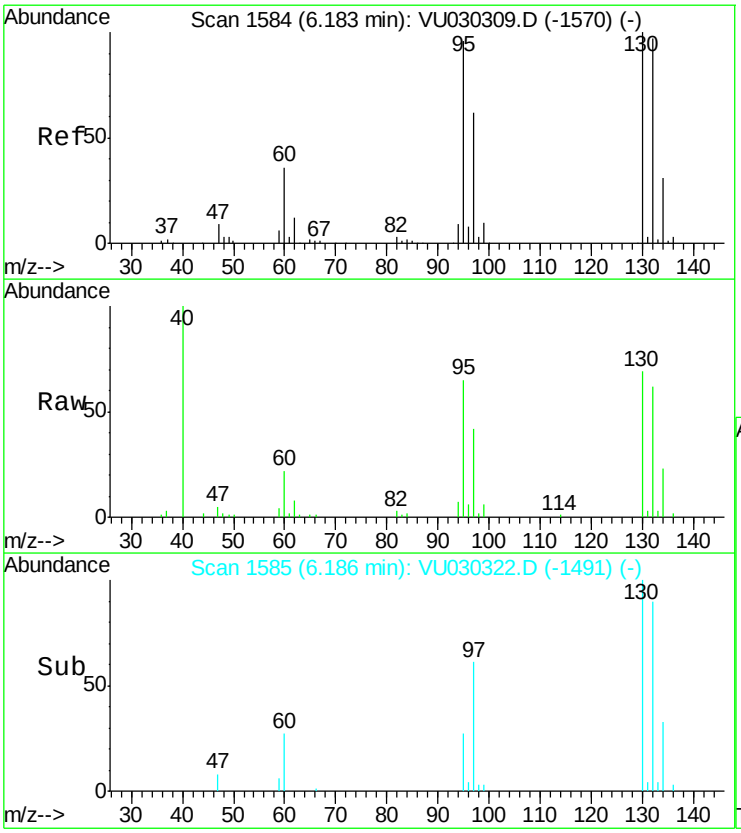
#13
Acetone
Concen: 3.266 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

Instrument : MSVOA_U
ClientSampleId : BF1D6

Tgt Ion: 43 Resp: 8820

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	73.4

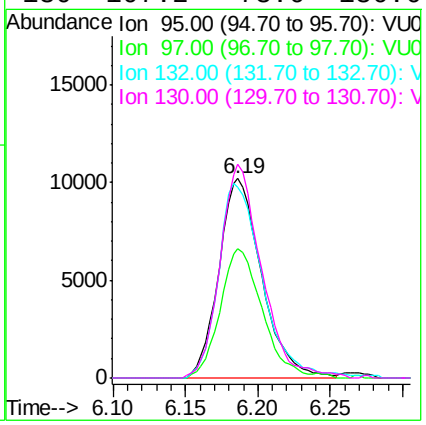


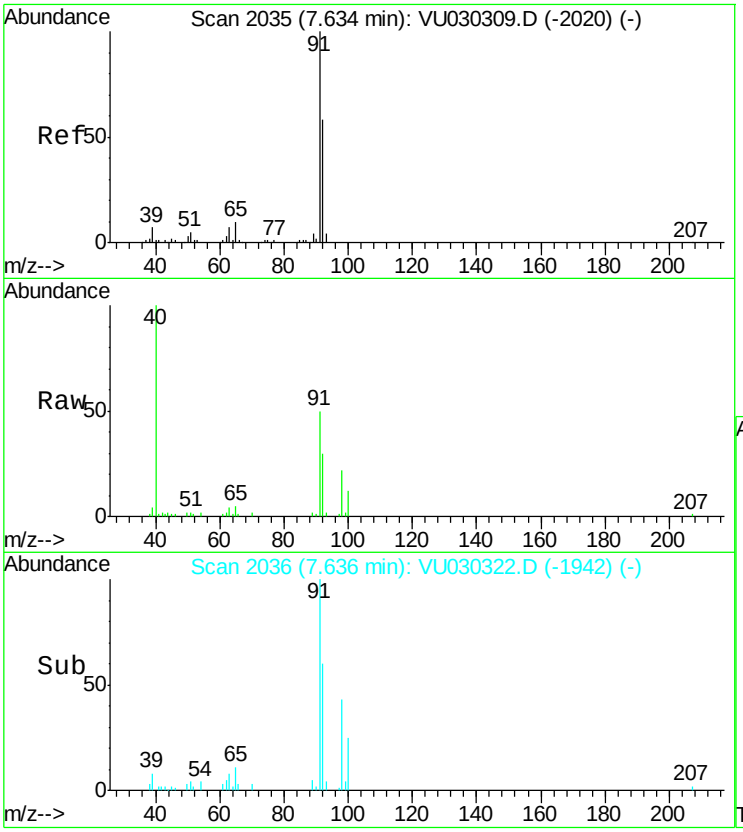


#34
Trichloroethene
Concen: 5.523 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

Tgt Ion: 95 Resp: 20910

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.2	85.8
132	96.0	69.3	128.7
130	107.2	73.6	136.6



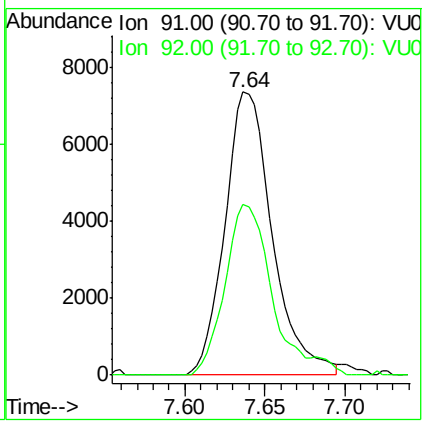


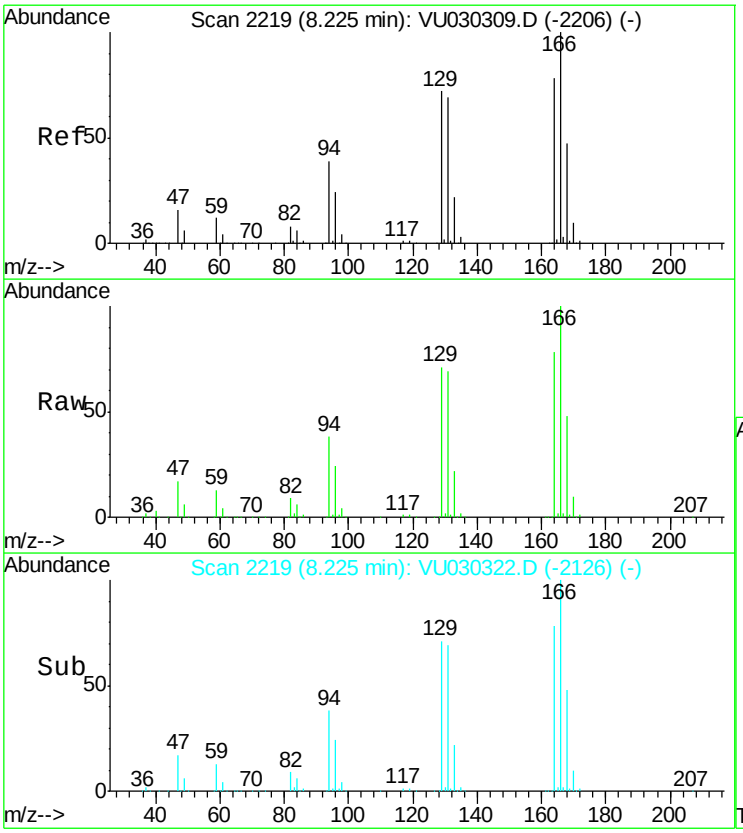
#42
Toluene
Concen: 0.954 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

Instrument :
MSVOA_U
ClientSampleId :
BF1D6

Tgt Ion: 91 Resp: 14911

Ion	Ratio	Lower	Upper
91	100		
92	60.4	40.7	75.7





#46
Tetrachloroethene
Concen: 199.400 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

Tgt Ion:164 Resp: 637866

Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.4	119.6
131	87.9	63.2	117.4
166	128.1	89.5	166.1