Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037662.D
Acq On : 10 Apr 2020 10:22
Operator : JC/MD
Sample : L2189-02 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 10 23:29:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	552207	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	518532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	248775	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	189412	39.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.48%			
7) Chloroethane-d5	1.93	69	155312	39.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.62%			
11) 1,1-Dichloroethene-d2	2.59	63	243317	30.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.86%			
21) 2-Butanone-d5	4.66	46	351408	89.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.85%			
24) Chloroform-d	5.10	84	297928	41.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.14%			
26) 1,2-Dichloroethane-d4	5.74	65	215314	43.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.38%			
32) Benzene-d6	5.76	84	647241	42.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.86%			
36) 1,2-Dichloropropane-d6	6.72	67	219566	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.48%			
41) Toluene-d8	7.92	98	585779	41.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.82%			
43) trans-1,3-Dichloropropene-	8.20	79	114912	41.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.72%			
47) 2-Hexanone-d5	8.65	63	251356	86.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.46%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	301920	42.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.18%			
64) 1,2-Dichlorobenzene-d4	12.20	152	211936	40.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.88%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	4860	1.377	ug/L #	1
19) 1,1-Dichloroethane	3.91	63	74775	10.071	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	200736	34.154	ug/L	99
31) Carbon tetrachloride	5.36	117	24759	5.189	ug/L	97

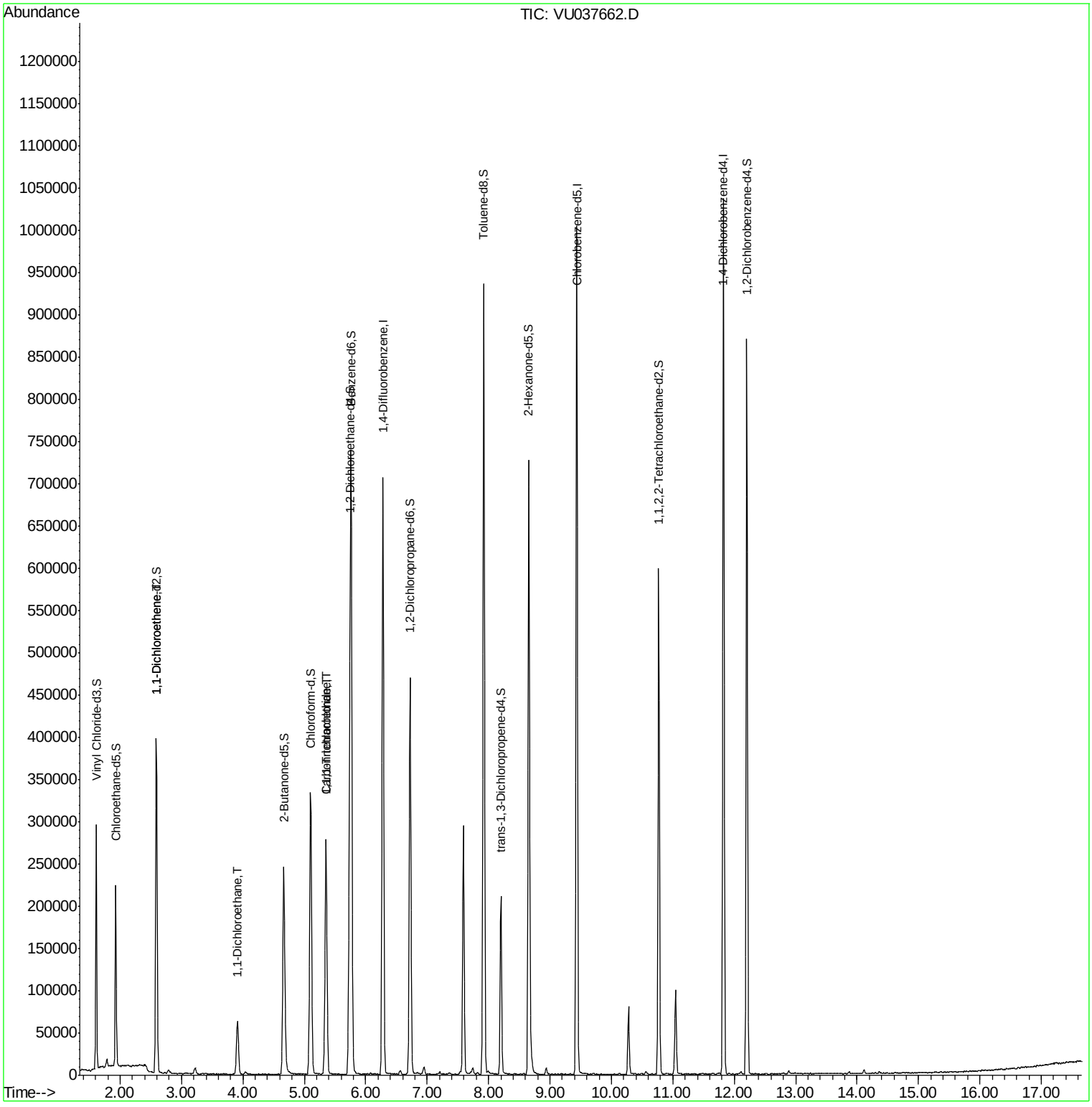
(#) = qualifier out of range (m) = manual integration (+) = signals summed

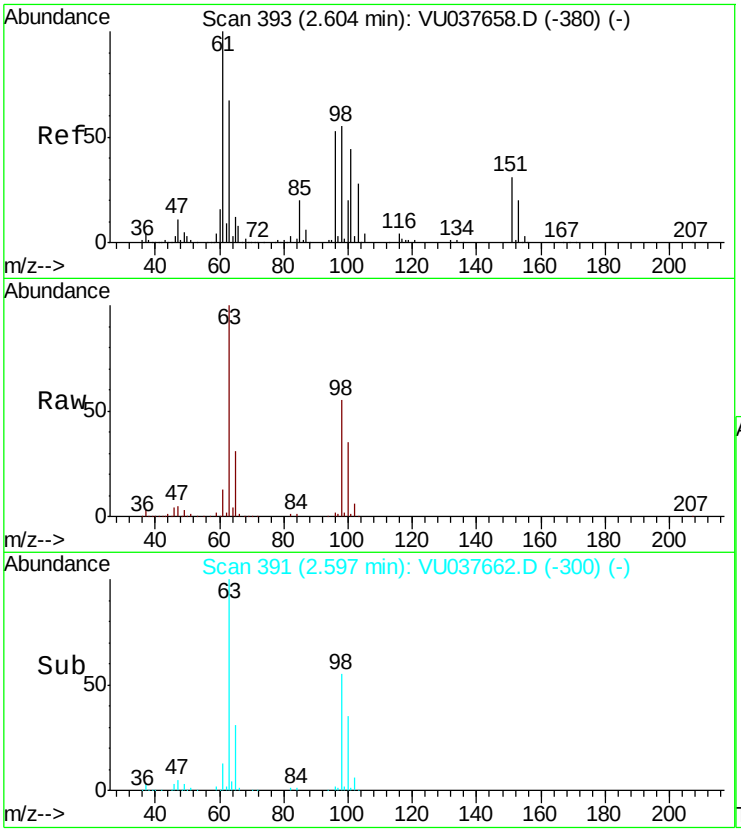
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040920\
Data File : VU037662.D
Acq On : 10 Apr 2020 10:22
Operator : JC/MD
Sample : L2189-02 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 10 23:29:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration



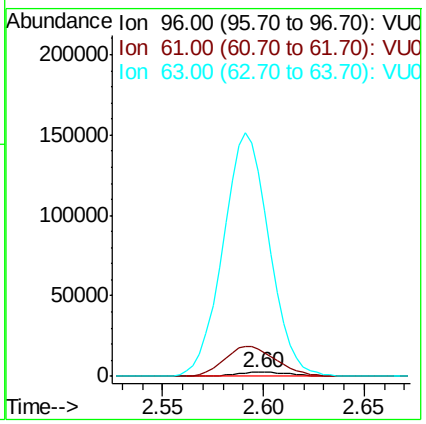


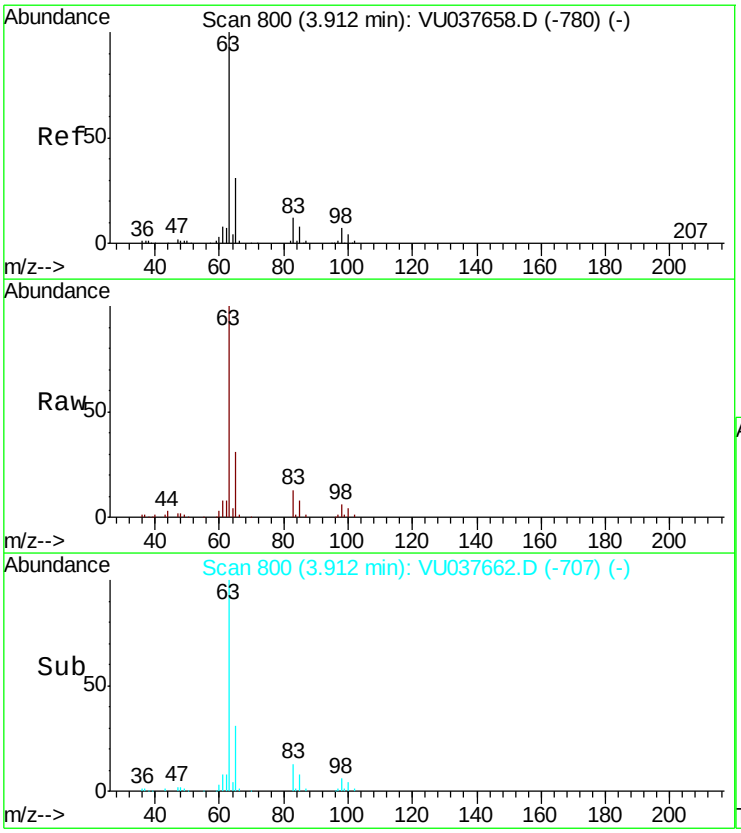
#12
1,1-Dichloroethene
Concen: 1.377 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU037662.D
Acq: 10 Apr 2020 10:22

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 4860

Ion	Ratio	Lower	Upper
96	100		
61	654.2	123.6	229.6#
63	4946.8	85.7	159.1#

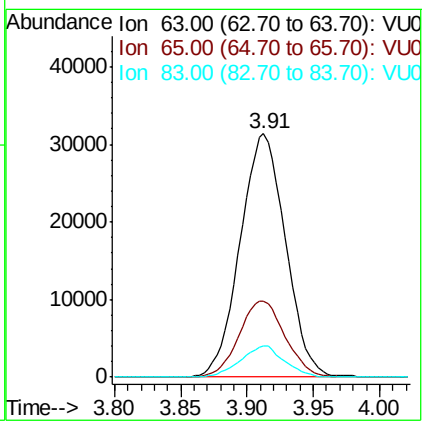


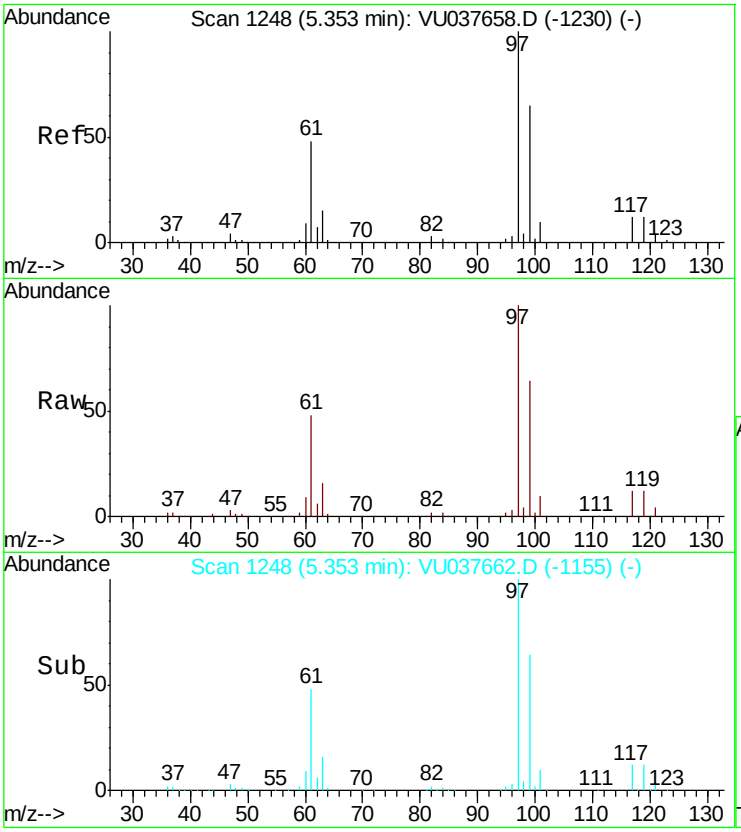


#19
1,1-Dichloroethane
Concen: 10.071 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU037662.D
Acq: 10 Apr 2020 10:22

Tgt Ion: 63 Resp: 74775

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.9	40.7
83	12.8	9.0	16.6



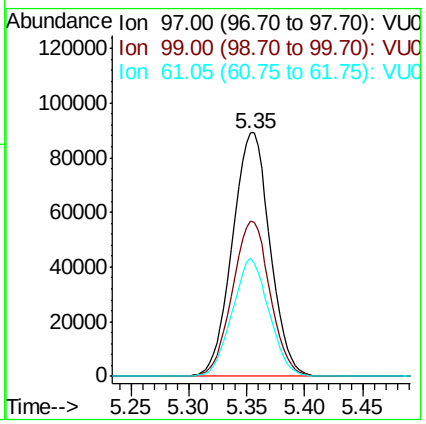


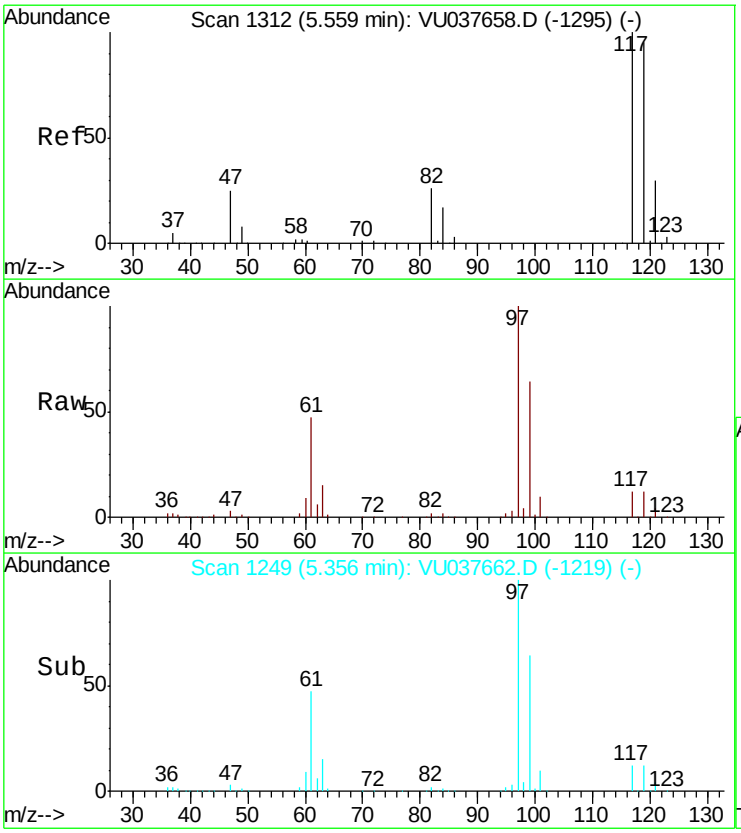
#30
1,1,1-Trichloroethane
Concen: 34.154 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037662.D
Acq: 10 Apr 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 200736

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.9	77.9
61	47.3	37.1	55.7





#31
Carbon tetrachloride
Concen: 5.189 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. -0.20 min
Lab File: VU037662.D
Acq: 10 Apr 2020 10:22

Tgt Ion:117 Resp: 24759

Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.0	115.4