Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\

Quantitation Report (Not Reviewed)

Data File : VU030066.D
Acq On : 14 Mar 2019 12:07
Operator : JC/SP
Sample : K1784-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Mar 15 01:25:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226452	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	166095	51.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.16%			
7) Chloroethane-d5	1.68	69	138539	52.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.56%			
11) 1,1-Dichloroethene-d2	2.27	63	227984	38.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.70%			
21) 2-Butanone-d5	4.17	46	248692	102.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.09%			
24) Chloroform-d	4.65	84	300293	51.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.98%			
26) 1,2-Dichloroethane-d4	5.31	65	181020	53.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.44%			
32) Benzene-d6	5.34	84	655733	53.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.08%			
36) 1,2-Dichloropropane-d6	6.33	67	198425	52.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.88%			
41) Toluene-d8	7.56	98	594319	51.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.64%			
43) trans-1,3-Dichloropropene-	7.85	79	85459	47.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.14%			
47) 2-Hexanone-d5	8.31	63	221049	105.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291776	50.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.32%			
64) 1,2-Dichlorobenzene-d4	11.86	152	235305	53.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.28%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2083	0.645	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1892	0.614	ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	4710	0.845	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	22166	4.753	ug/L	92

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

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

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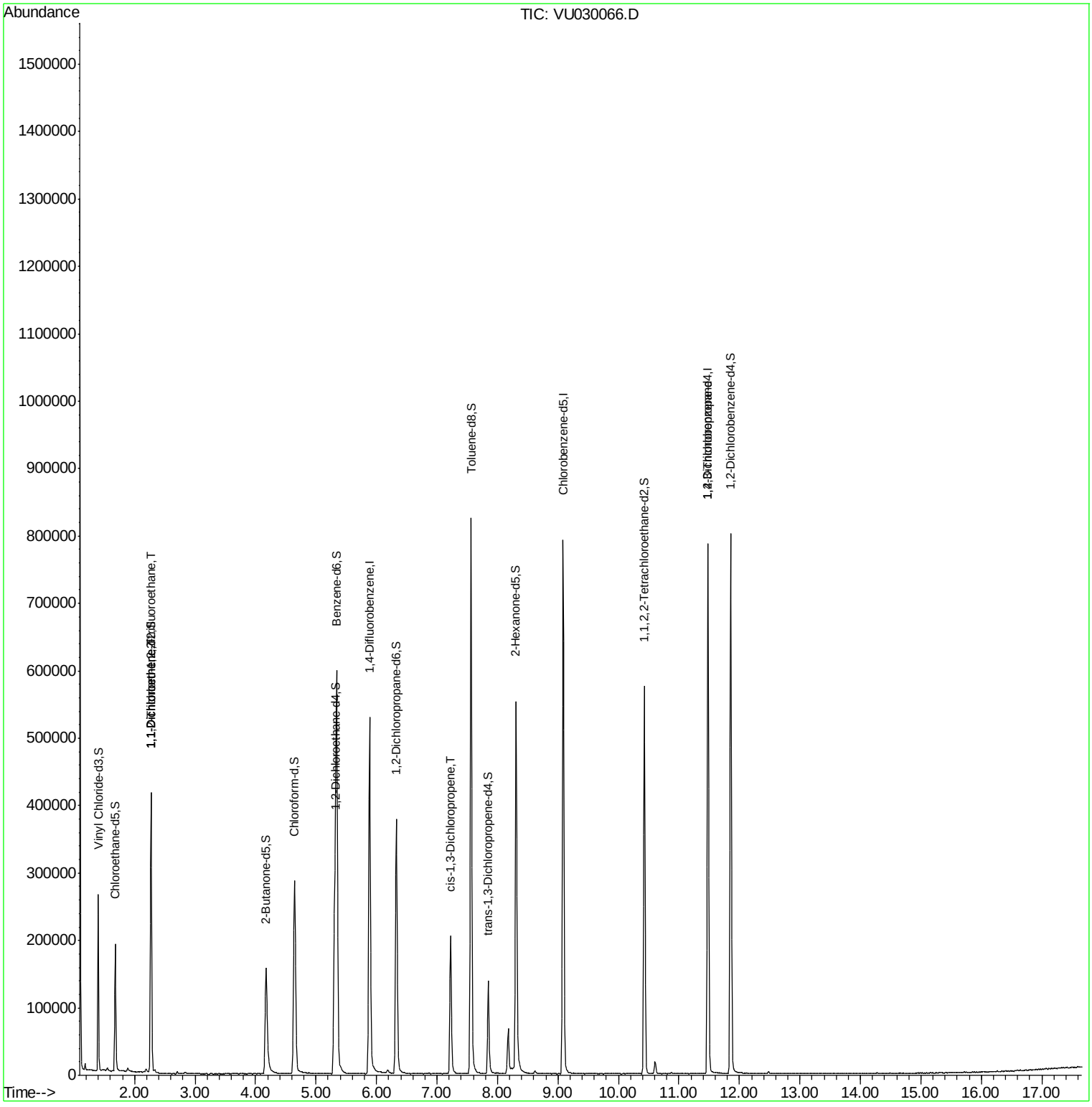
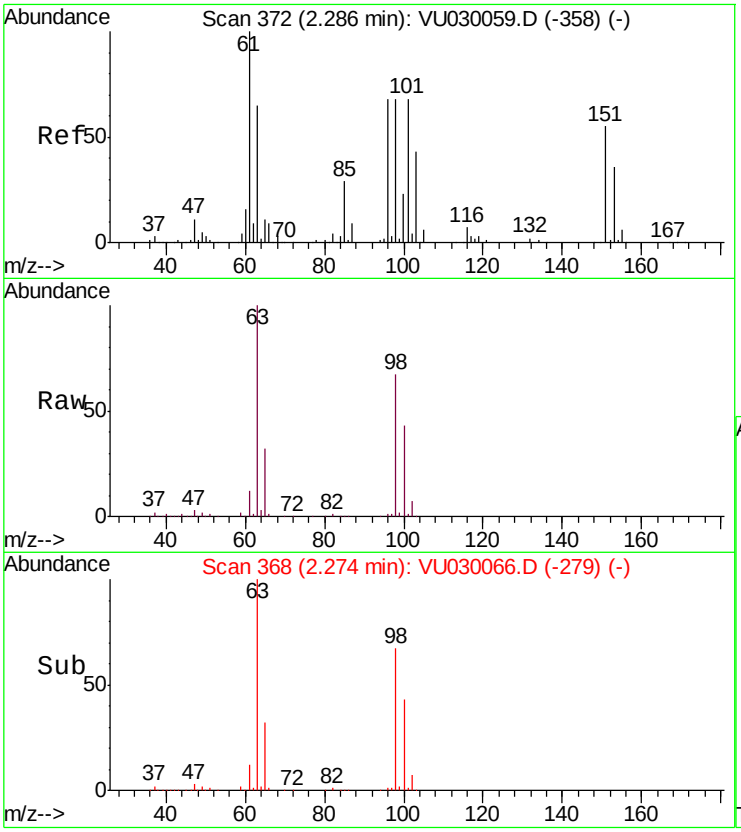
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration



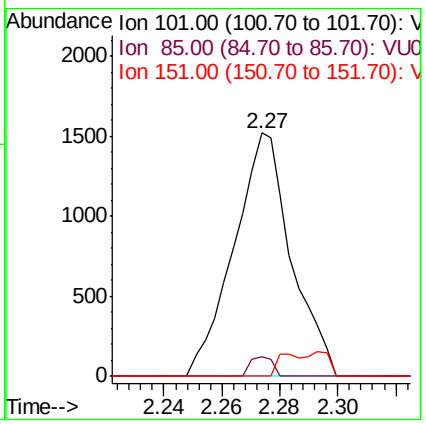


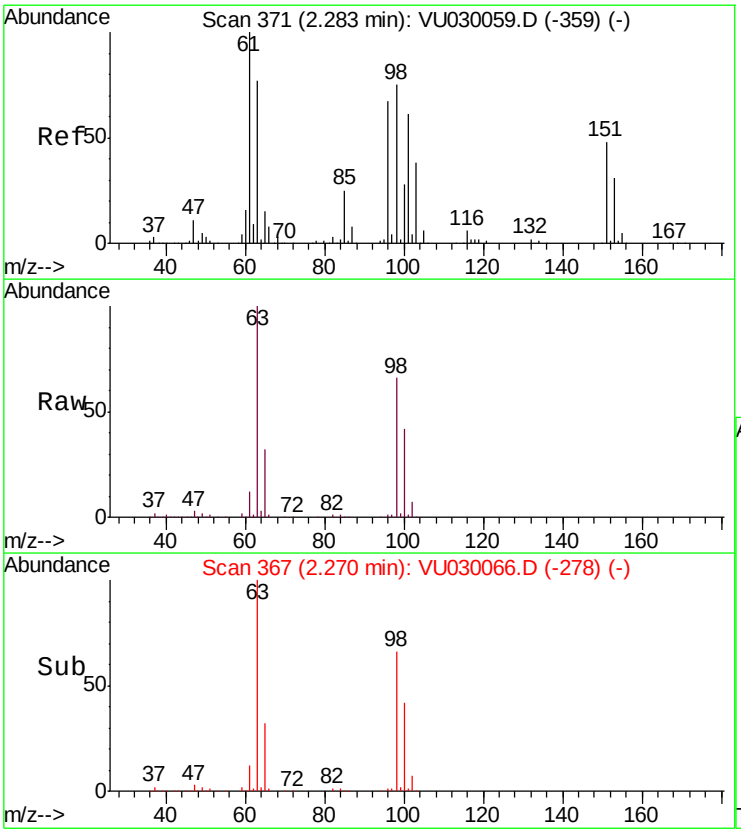
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.645 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030066.D
Acq: 14 Mar 2019 12:07

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2083

Ion	Ratio	Lower	Upper
101	100		
85	3.1	33.0	49.4#
151	3.6	66.1	99.1#

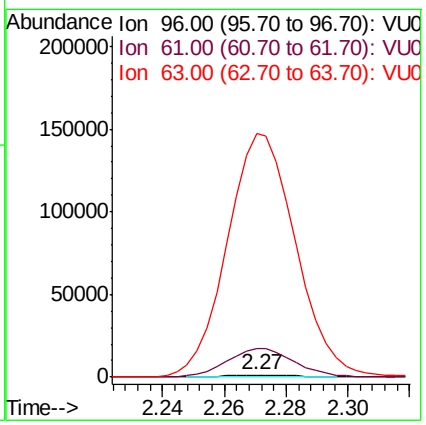


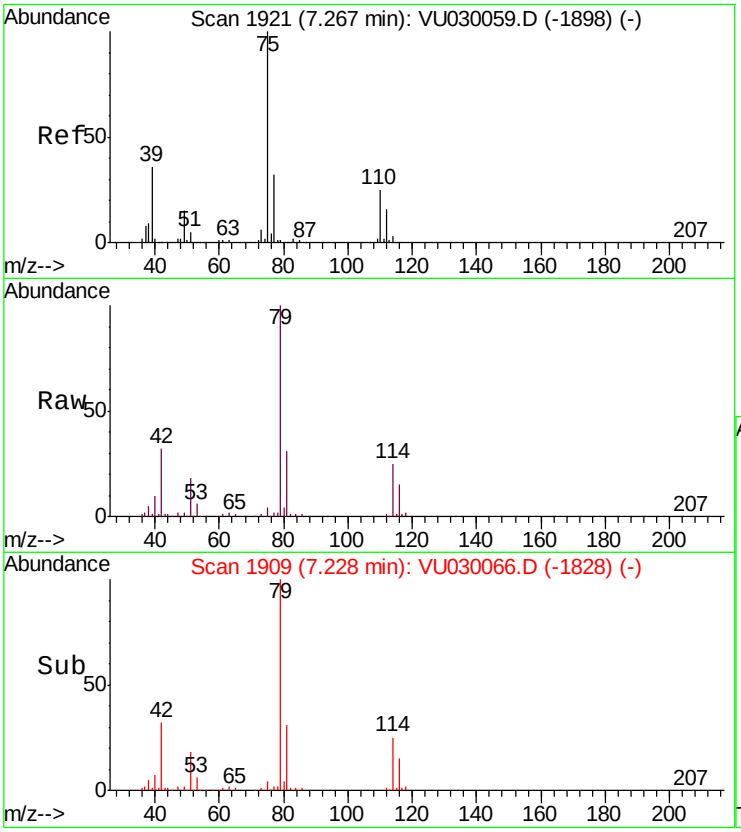


#12
1,1-Dichloroethene
Concen: 0.614 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030066.D
Acq: 14 Mar 2019 12:07

Tgt Ion: 96 Resp: 1892

Ion	Ratio	Lower	Upper
96	100		
61	1423.9	110.4	205.0#
63	11919.7	86.5	160.7#



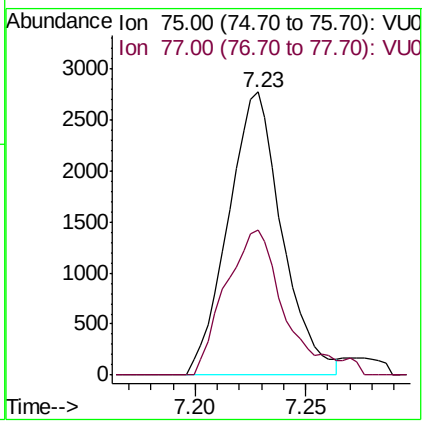


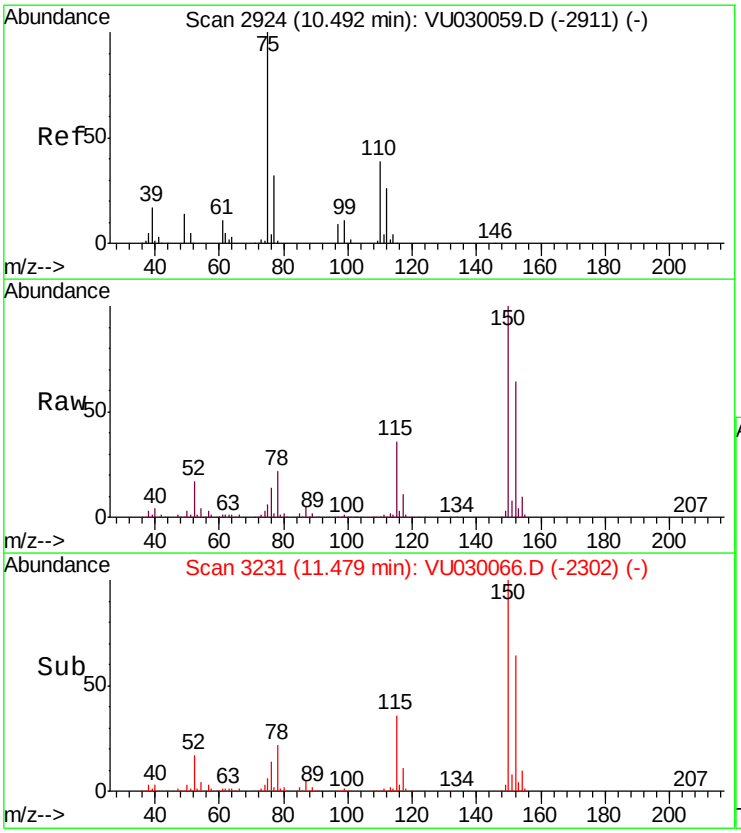
#39
cis-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030066.D
Acq: 14 Mar 2019 12:07

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 4710

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.2	41.2#





#59
1,2,3-Trichloropropane
Concen: 4.753 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030066.D
Acq: 14 Mar 2019 12:07

Tgt Ion: 75 Resp: 22166

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.8	38.8