Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Not Reviewed)

Data File : VU030820.D
Acq On : 06 Apr 2019 23:12
Operator : JC/SP
Sample : K2246-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Apr 08 07:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491610	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	489778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194619	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	227632	51.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.74%			
7) Chloroethane-d5	1.68	69	177816	53.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.78%			
11) 1,1-Dichloroethene-d2	2.26	63	315194	39.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.42%			
21) 2-Butanone-d5	4.17	46	370972	106.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.66%			
24) Chloroform-d	4.64	84	334231	49.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.72%			
26) 1,2-Dichloroethane-d4	5.30	65	246945	53.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.98%			
32) Benzene-d6	5.33	84	714690	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.98%			
36) 1,2-Dichloropropane-d6	6.32	67	251064	51.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.48%			
41) Toluene-d8	7.56	98	612181	48.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.85	79	103529	46.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.66%			
47) 2-Hexanone-d5	8.31	63	231296	103.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325745	49.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	204062	53.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.62%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2647	0.752	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2188	0.644	ug/L #	1
25) Chloroform	4.67	83	29163	3.897	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3494	0.614	ug/L #	70

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

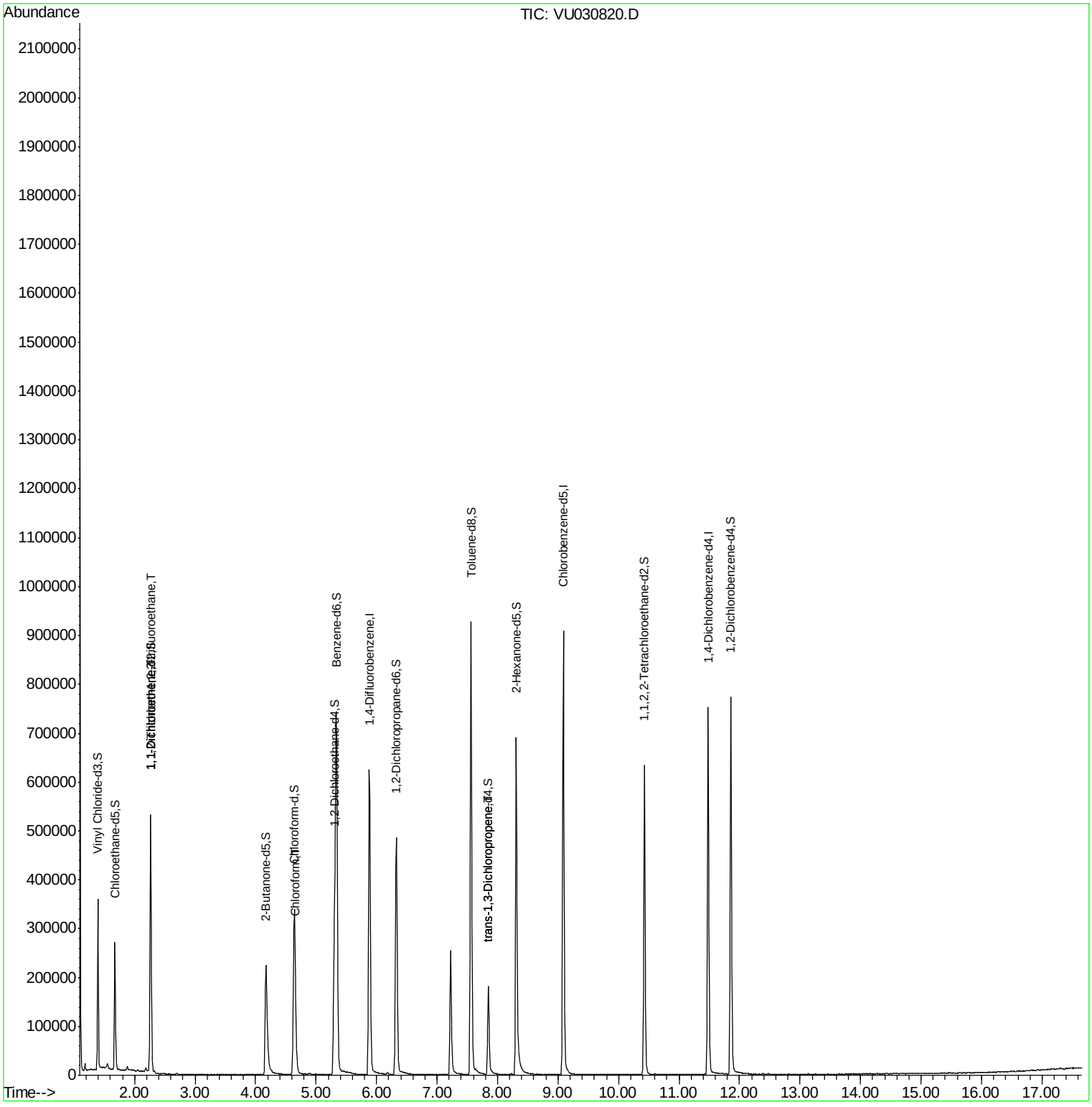
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

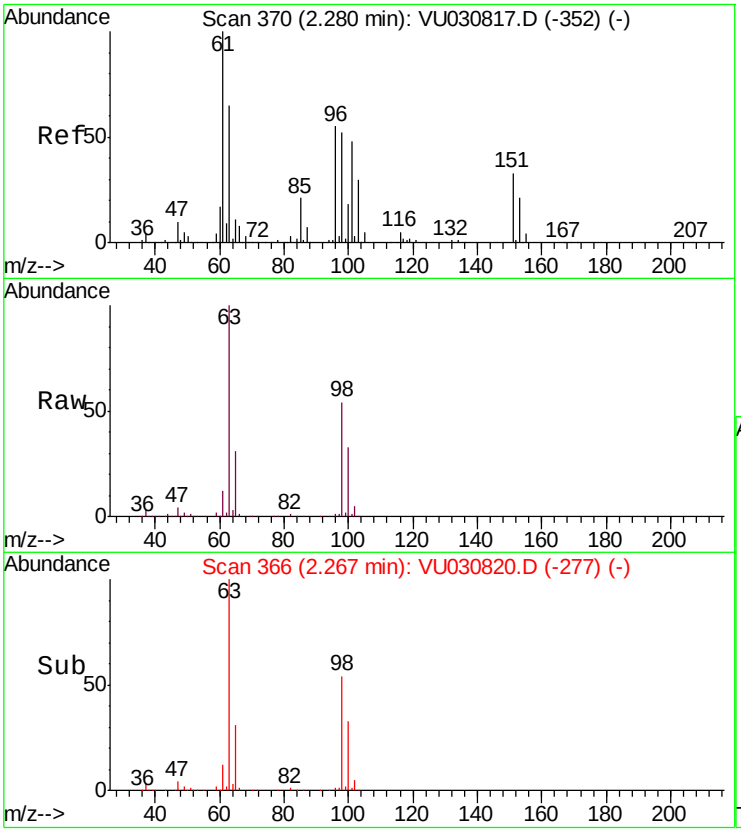
Quantitation Report (Not Reviewed)

Data File : VU030820.D
Acq On : 06 Apr 2019 23:12
Operator : JC/SP
Sample : K2246-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Apr 08 07:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration



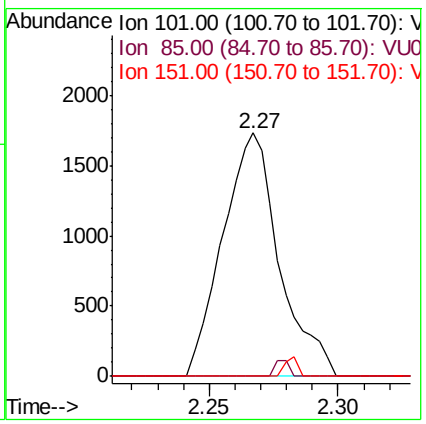


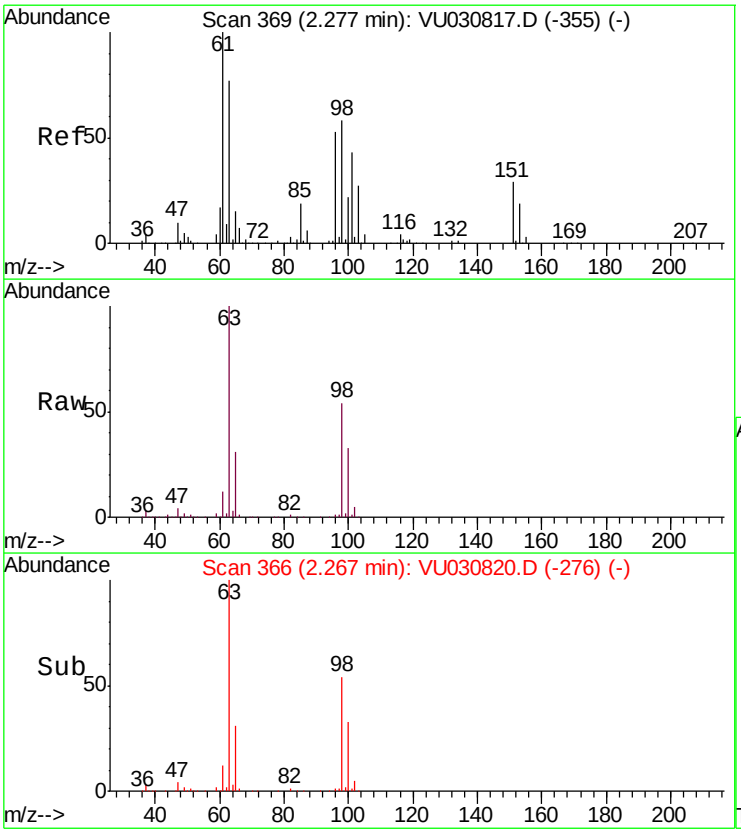
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030820.D
Acq: 06 Apr 2019 23:12

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:101 Resp: 2647

Ion	Ratio	Lower	Upper
101	100		
85	1.7	36.8	55.2#
151	1.7	57.4	86.0#

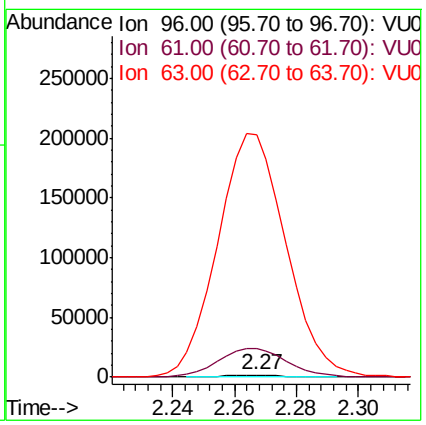


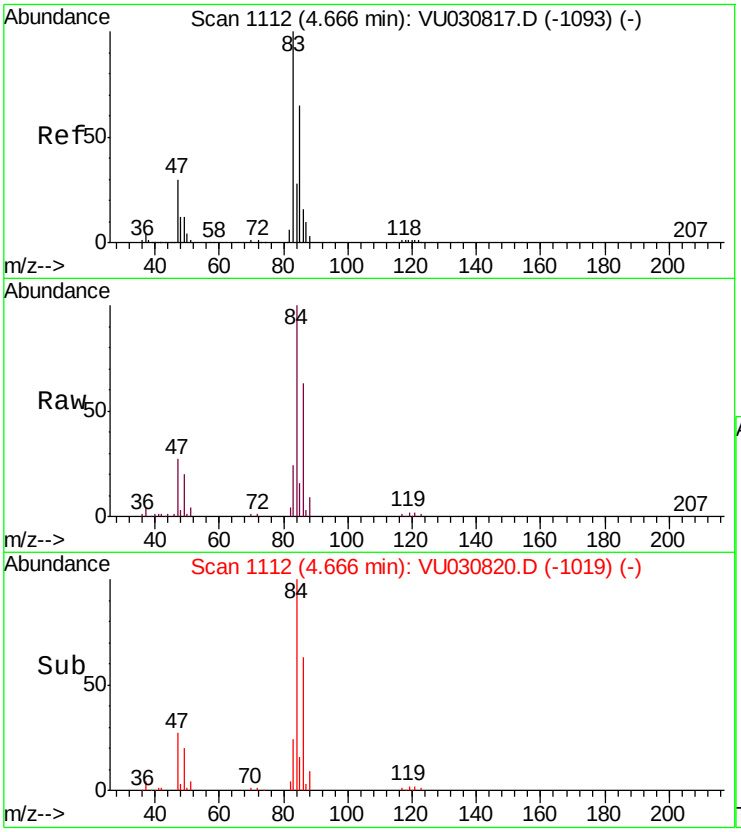


#12
1,1-Dichloroethene
Concen: 0.644 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU030820.D
Acq: 06 Apr 2019 23:12

Tgt Ion: 96 Resp: 2188

Ion	Ratio	Lower	Upper
96	100		
61	1642.3	132.0	245.2#
63	14153.9	90.9	168.9#



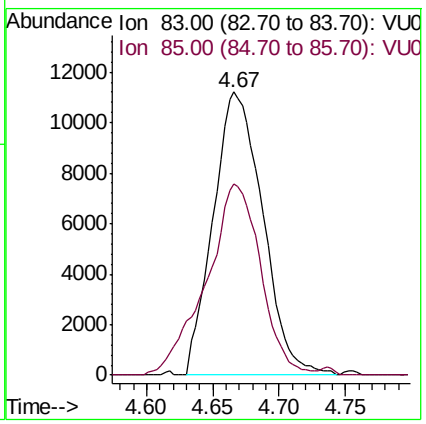


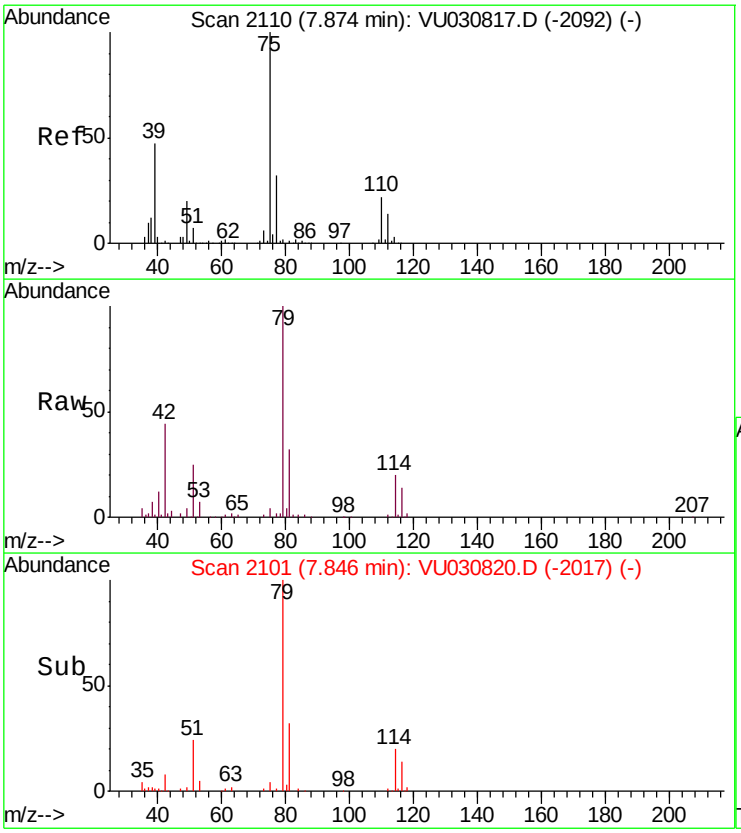
#25
Chloroform
Concen: 3.897 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU030820.D
Acq: 06 Apr 2019 23:12

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 29163

Ion	Ratio	Lower	Upper
83	100		
85	67.4	45.8	85.0





#44
trans-1,3-Dichloropropene
Concen: 0.614 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030820.D
Acq: 06 Apr 2019 23:12

Tgt Ion: 75 Resp: 3494

Ion	Ratio	Lower	Upper
75	100		
77	47.0	21.6	40.0#