Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (LSC Reviewed)

Data File : VU033653.D
Acq On : 08 Aug 2019 21:15
Operator : JC/SP
Sample : K4202-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B04

Quant Time: Aug 09 12:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	288625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131998	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	147550	45.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.56%			
7) Chloroethane-d5	1.67	69	122408	44.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.78%			
11) 1,1-Dichloroethene-d2	2.26	63	188318	35.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.50%			
21) 2-Butanone-d5	4.15	46	195370	81.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.88%			
24) Chloroform-d	4.62	84	199145	36.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.76%			
26) 1,2-Dichloroethane-d4	5.29	65	151934	43.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.28%			
32) Benzene-d6	5.32	84	475865	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.54%			
36) 1,2-Dichloropropane-d6	6.31	67	151580	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.70%			
41) Toluene-d8	7.55	98	424026	42.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.38%			
43) trans-1,3-Dichloropropene-	7.83	79	68285	40.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.72%			
47) 2-Hexanone-d5	8.29	63	148248	85.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.66%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	222871	41.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.44%			
64) 1,2-Dichlorobenzene-d4	11.85	152	164984	45.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.50%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	58623	18.713	ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	3860	1.814	ug/L	88
18) Methyl tert-butyl Ether	2.98	73	40389	6.045	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	128458	53.623	ug/L	98

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

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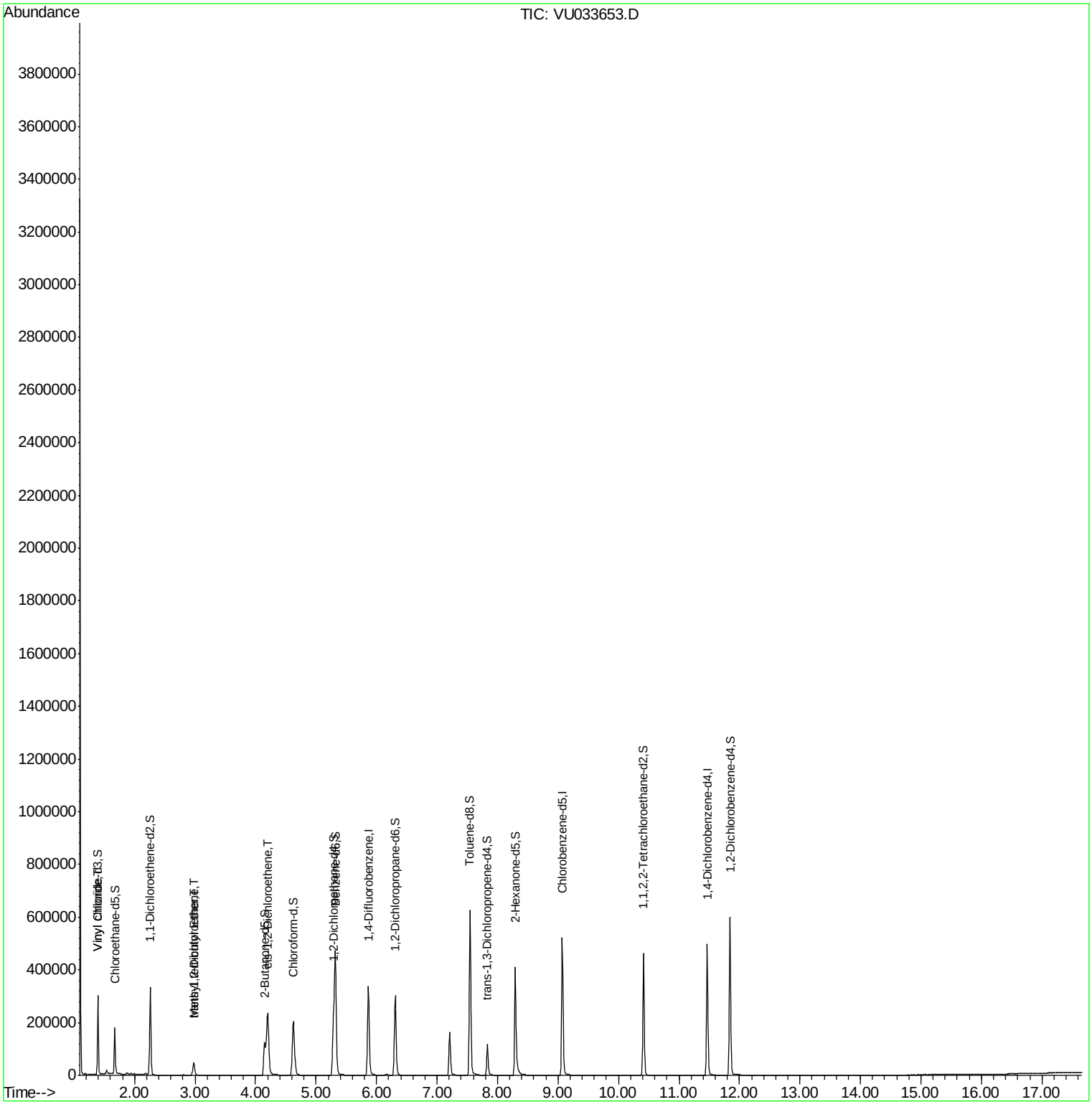
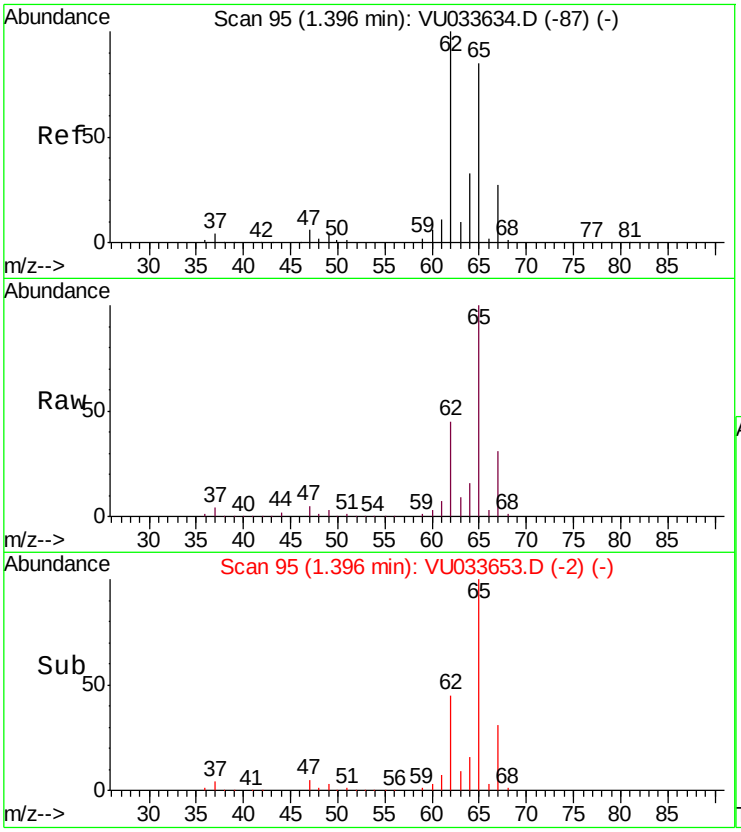


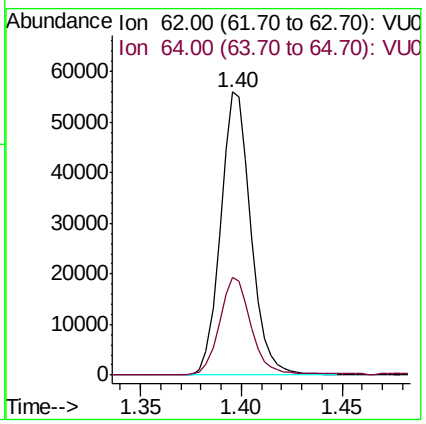


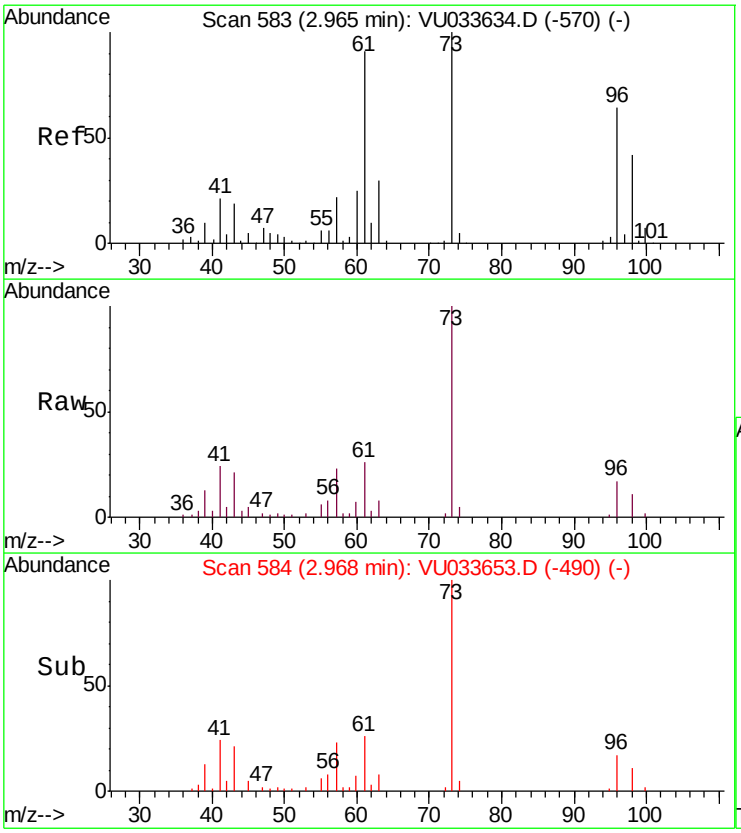
#5
Vinyl chloride
Concen: 18.713 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033653.D
Acq: 08 Aug 2019 21:15

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Tgt Ion: 62 Resp: 58623

Ion	Ratio	Lower	Upper
62	100		
64	34.7	23.6	43.8

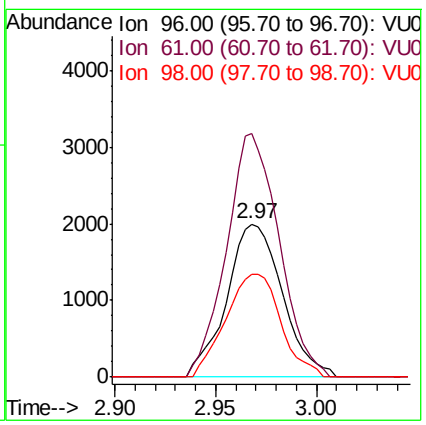


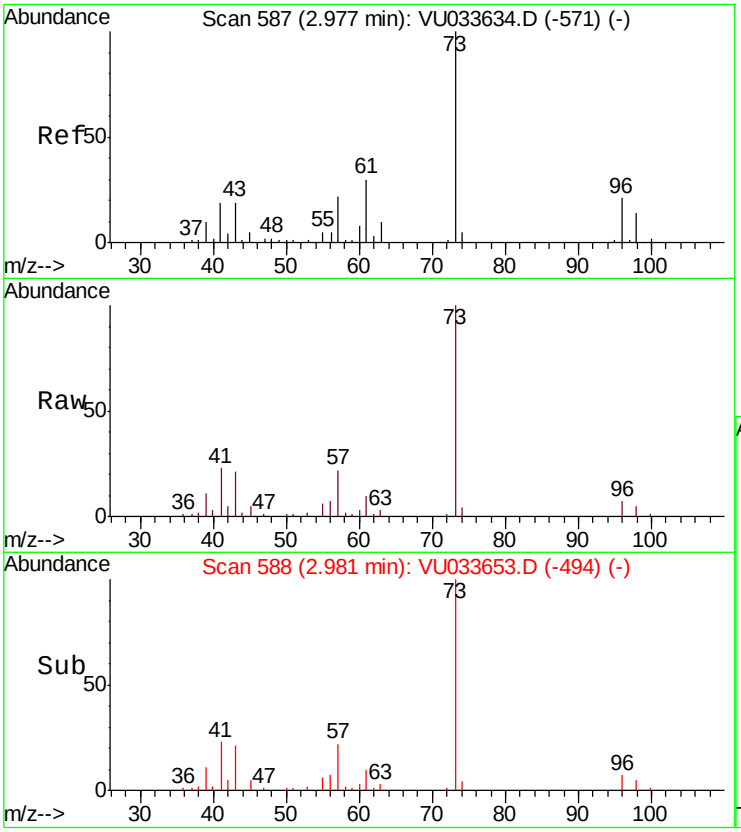


#17
trans-1,2-Dichloroethene
Concen: 1.814 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033653.D
Acq: 08 Aug 2019 21:15

Tgt Ion: 96 Resp: 3860

Ion	Ratio	Lower	Upper
96	100		
61	159.3	98.7	183.3
98	67.6	44.6	82.8



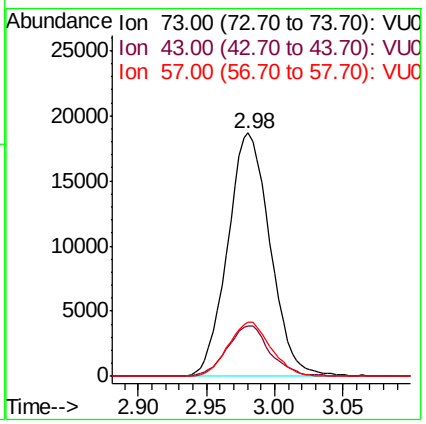


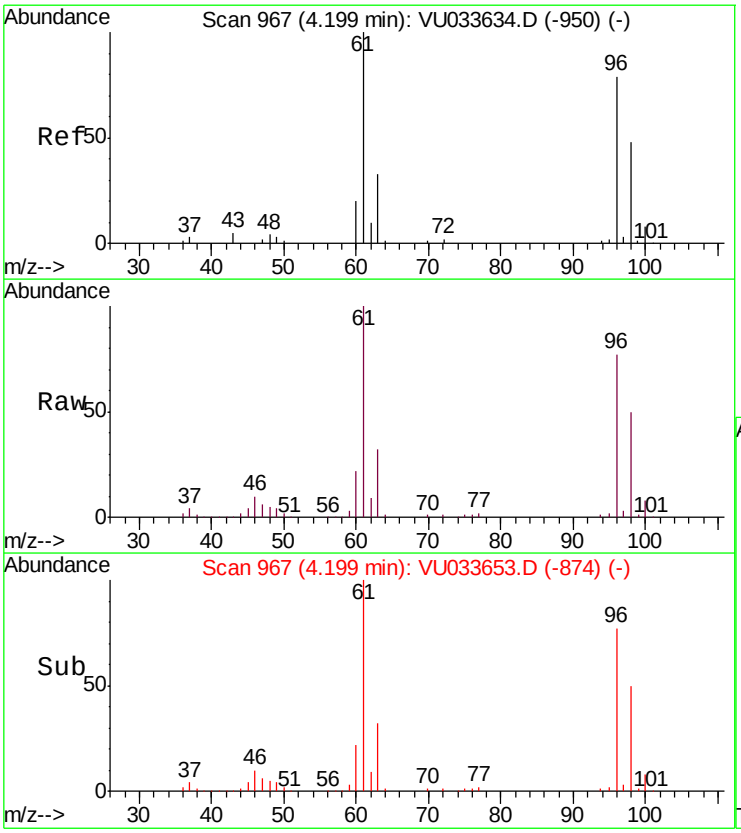
#18
Methyl tert-butyl Ether
Concen: 6.045 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033653.D
Acq: 08 Aug 2019 21:15

Instrument : MSVOA_U
ClientSampleId : F2B04

Tgt Ion: 73 Resp: 40389

Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.5	23.3
57	22.4	18.0	27.0





#20
cis-1,2-Dichloroethene
Concen: 53.623 ug/L
RT: 4.20 min Scan# 967
Delta R.T. -0.00 min
Lab File: VU033653.D
Acq: 08 Aug 2019 21:15

Tgt Ion: 96 Resp: 128458

Ion	Ratio	Lower	Upper
96	100		
61	130.6	93.0	172.8
68	0.0	0.0	0.0