Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV017994.D
Acq On : 14 Aug 2020 13:53
Operator : SY/MD
Sample : L3665-03DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L26DL

Quant Time: Aug 17 02:45:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	251031	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	249455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117489	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	98128	51.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.46%			
7) Chloroethane-d5	1.58	69	81670	52.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.24%			
11) 1,1-Dichloroethene-d2	2.12	63	142229	38.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.64%			
21) 2-Butanone-d5	3.91	46	120848	96.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.33%			
24) Chloroform-d	4.38	84	170106	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.58%			
26) 1,2-Dichloroethane-d4	5.06	65	117035	51.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.36%			
32) Benzene-d6	5.08	84	345932	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.64%			
36) 1,2-Dichloropropane-d6	6.09	67	111878	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.56%			
41) Toluene-d8	7.34	98	306047	49.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.64	79	48700	47.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.54%			
47) 2-Hexanone-d5	8.11	63	56891	78.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.88%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130480	44.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.16%			
64) 1,2-Dichlorobenzene-d4	11.65	152	123884	53.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.16%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	141032	63.227	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	4036	2.332	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	102260	53.760	ug/L	99

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

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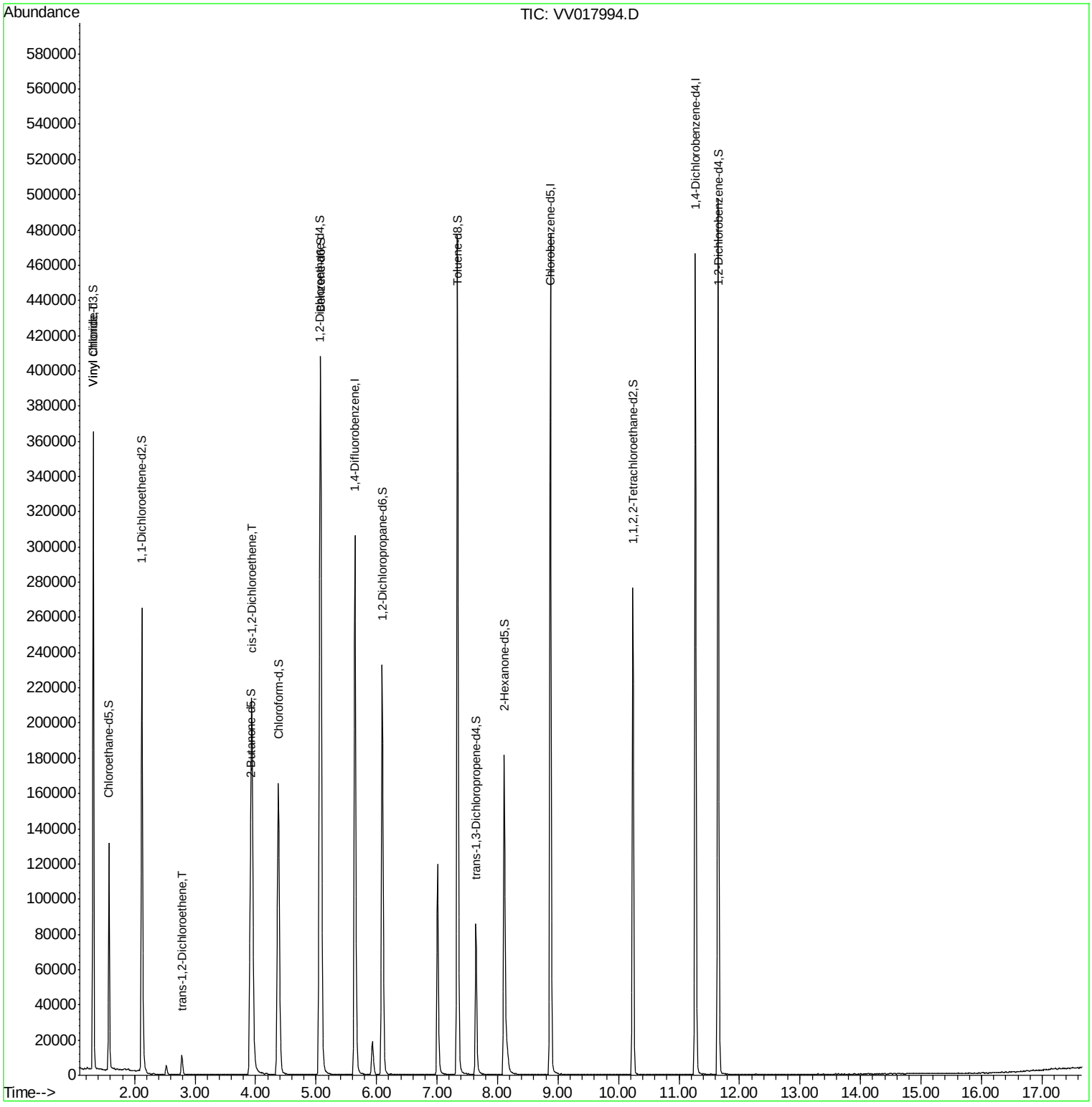
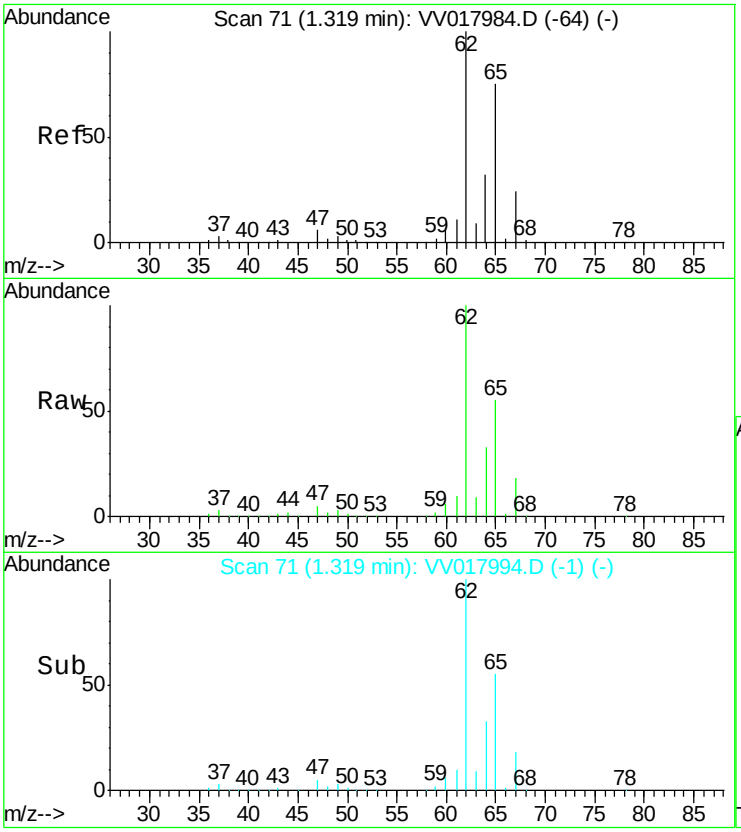


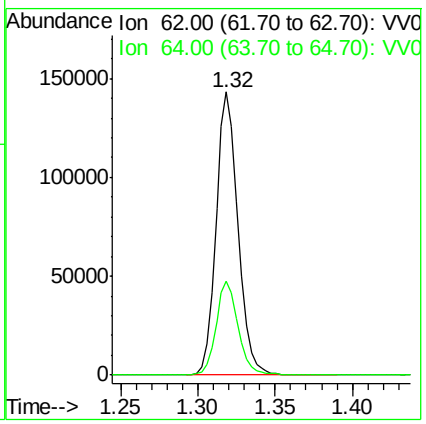


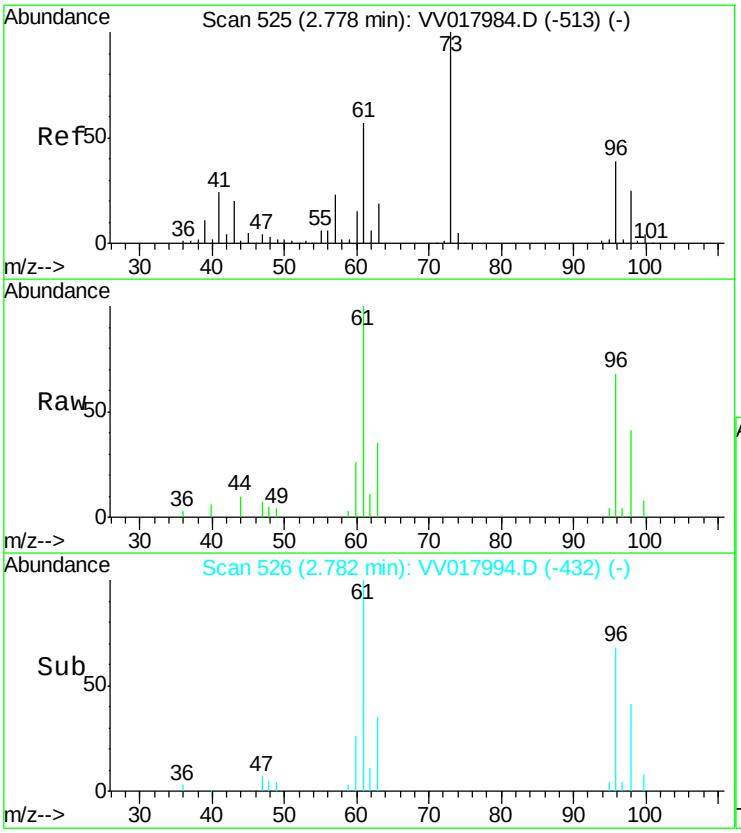
#5
Vinyl chloride
Concen: 63.227 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017994.D
Acq: 14 Aug 2020 13:53

Instrument :
MSVOA_V
ClientSampleId :
F4L26DL

Tgt Ion: 62 Resp: 141032

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.4	41.6

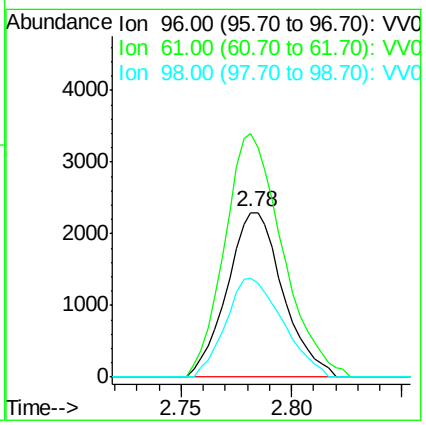


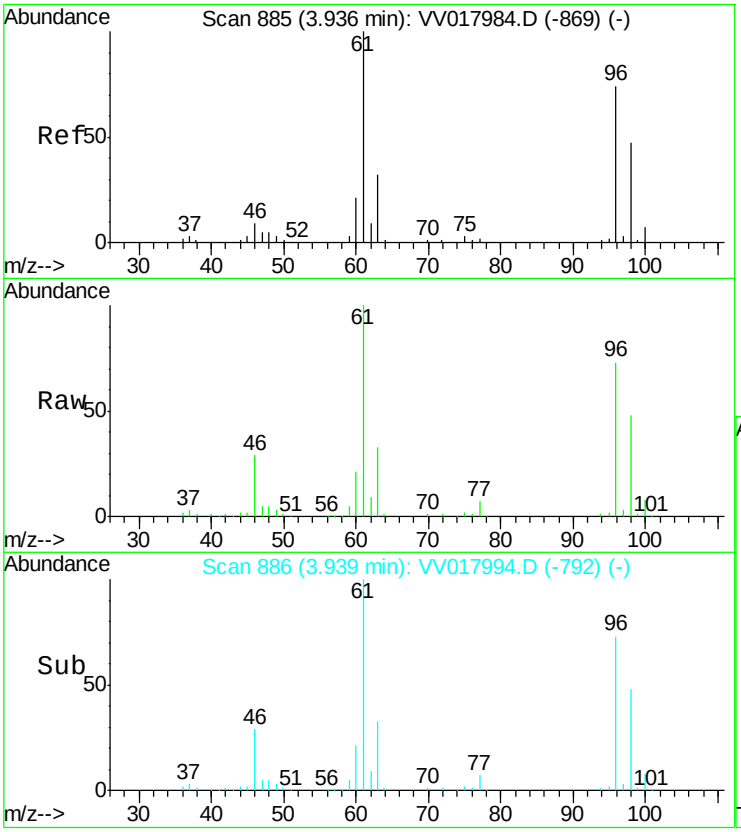


#17
trans-1,2-Dichloroethene
Concen: 2.332 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV017994.D
Acq: 14 Aug 2020 13:53

Tgt Ion: 96 Resp: 4036

Ion	Ratio	Lower	Upper
96	100		
61	148.1	102.4	190.2
98	60.3	44.4	82.5





#20
cis-1,2-Dichloroethene
Concen: 53.760 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017994.D
Acq: 14 Aug 2020 13:53

Instrument :
MSVOA_V
ClientSampleId :
F4L26DL

Tgt Ion: 96 Resp: 102260

Ion	Ratio	Lower	Upper
96	100		
61	137.4	95.0	176.4
68	0.0	0.0	0.0