Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV018001.D
Acq On : 14 Aug 2020 17:01
Operator : SY/MD
Sample : L3665-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L69

Quant Time: Aug 17 03:16:02 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	246641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116906	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	92002	48.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.78%			
7) Chloroethane-d5	1.58	69	78867	51.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.46%			
11) 1,1-Dichloroethene-d2	2.12	63	138277	38.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.82%			
21) 2-Butanone-d5	3.91	46	119633	97.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.06%			
24) Chloroform-d	4.38	84	162124	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
26) 1,2-Dichloroethane-d4	5.06	65	117511	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.62%			
32) Benzene-d6	5.07	84	338256	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.64%			
36) 1,2-Dichloropropane-d6	6.09	67	110796	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.82%			
41) Toluene-d8	7.34	98	297200	49.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.32%			
43) trans-1,3-Dichloropropene-	7.64	79	47948	48.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.20%			
47) 2-Hexanone-d5	8.11	63	62360	88.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.42%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138962	48.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.10%			
64) 1,2-Dichlorobenzene-d4	11.65	152	122817	53.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.76%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	6581	3.003	ug/L #	65
17) trans-1,2-Dichloroethene	2.78	96	1596	0.938	ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	3691	1.975	ug/L	94
25) Chloroform	4.41	83	6615	1.897	ug/L	100

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

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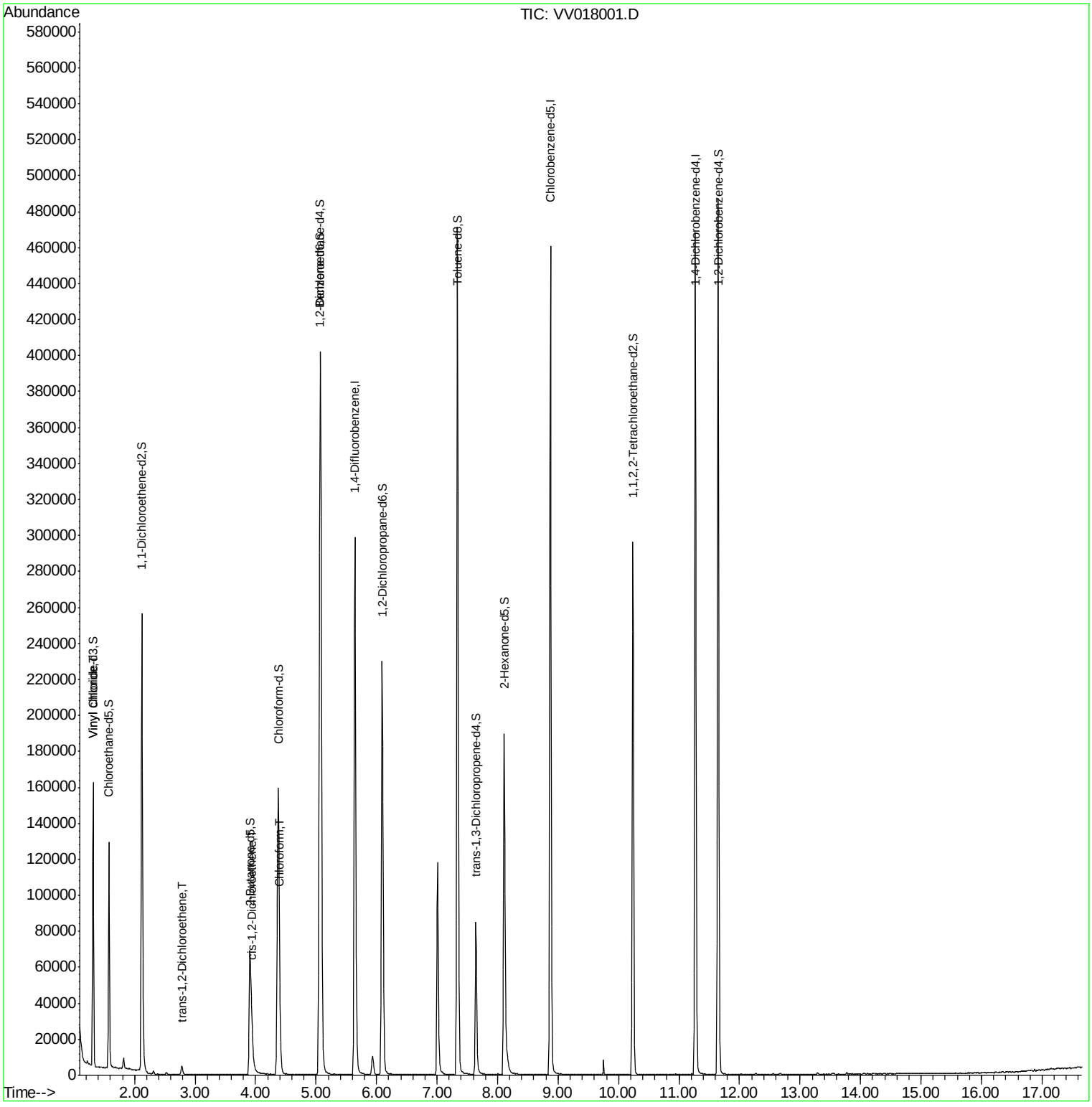
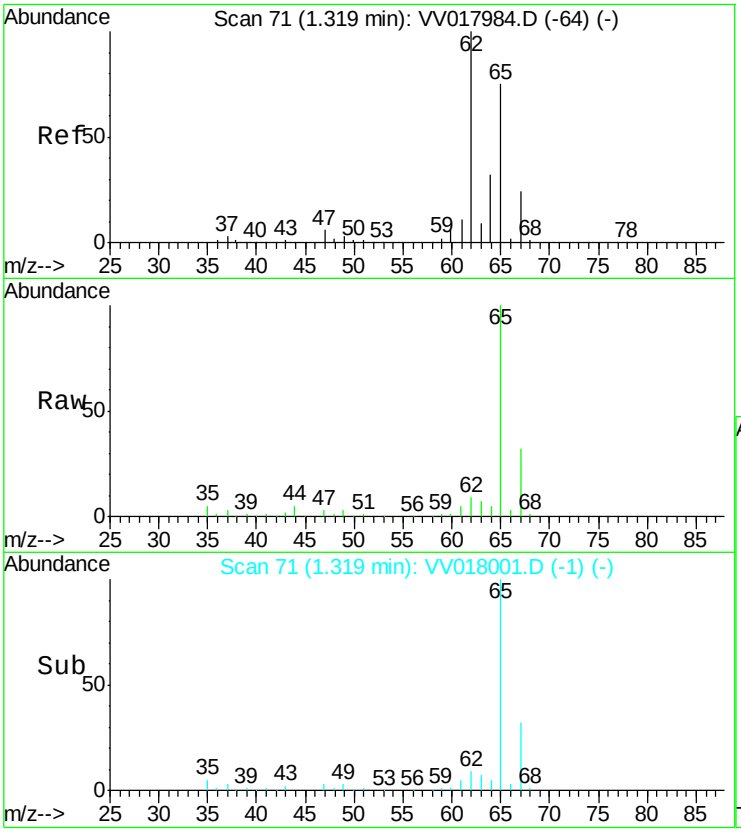


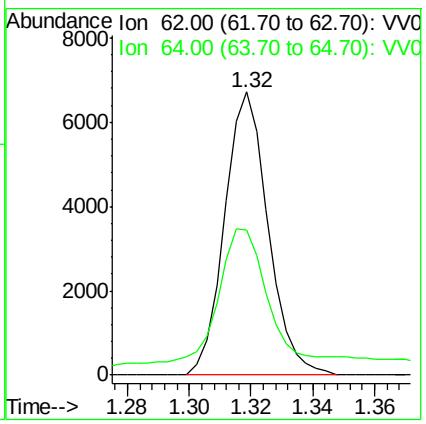


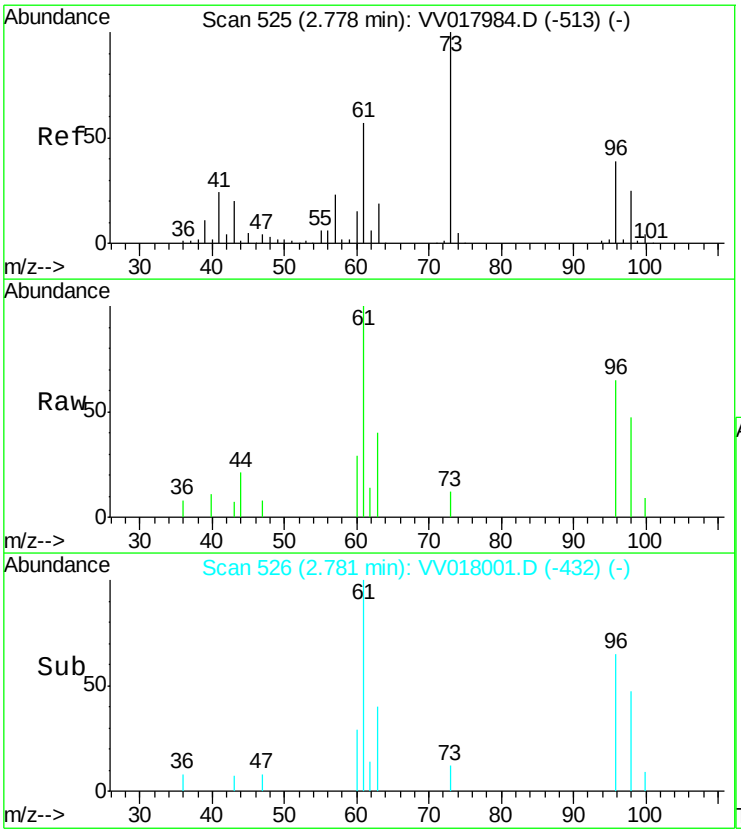
#5
Vinyl chloride
Concen: 3.003 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV018001.D
Acq: 14 Aug 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :
F4L69

Tgt Ion: 62 Resp: 6581

Ion	Ratio	Lower	Upper
62	100		
64	51.5	22.4	41.6#

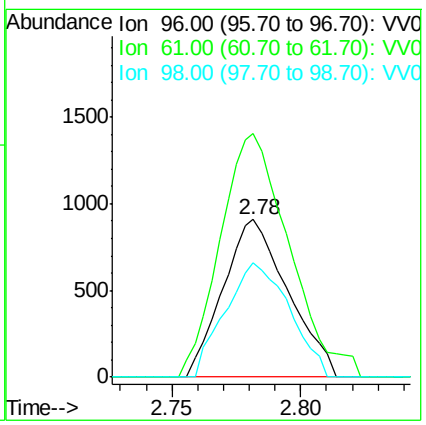


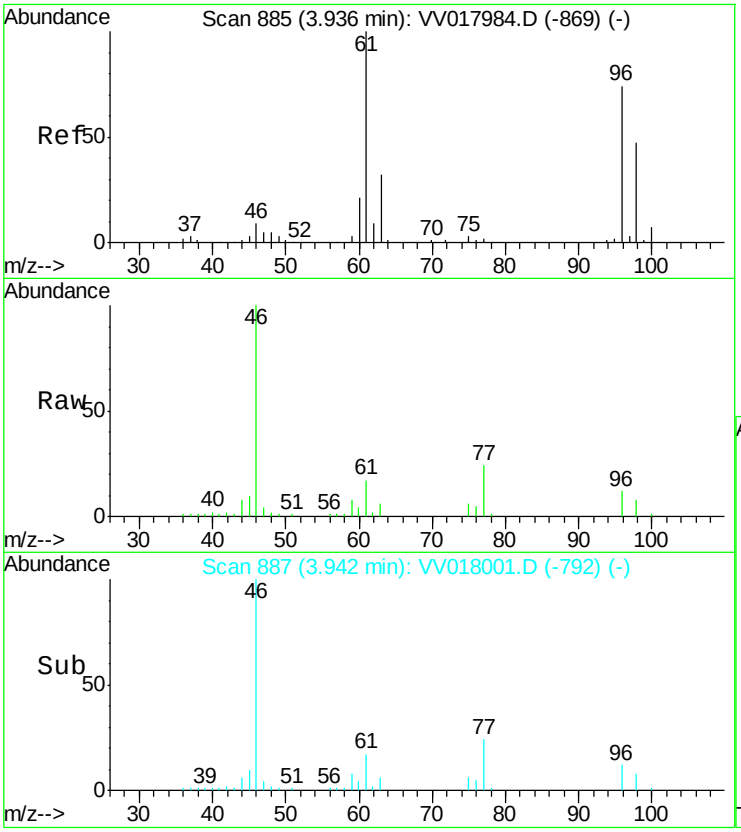


#17
trans-1,2-Dichloroethene
Concen: 0.938 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV018001.D
Acq: 14 Aug 2020 17:01

Tgt Ion: 96 Resp: 1596

Ion	Ratio	Lower	Upper
96	100		
61	154.5	102.4	190.2
98	72.2	44.4	82.5



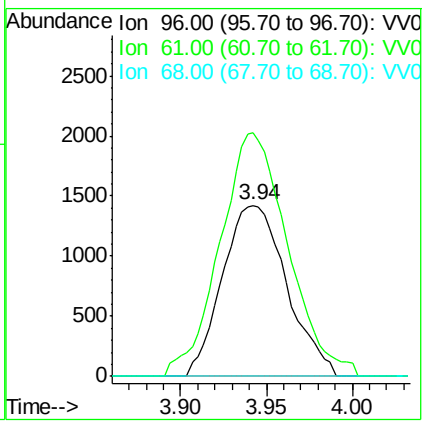


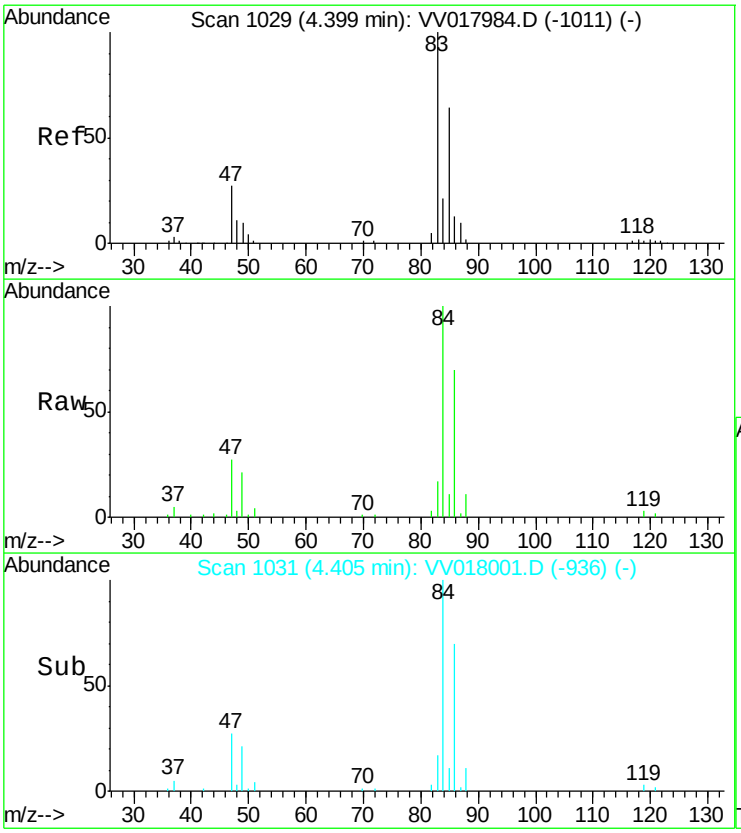
#20
cis-1,2-Dichloroethene
Concen: 1.975 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV018001.D
Acq: 14 Aug 2020 17:01

Instrument :
MSVOA_V
ClientSampleId :
F4L69

Tgt Ion: 96 Resp: 3691

Ion	Ratio	Lower	Upper
96	100		
61	142.5	95.0	176.4
68	0.0	0.0	0.0





#25
Chloroform
Concen: 1.897 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018001.D
Acq: 14 Aug 2020 17:01

Tgt Ion: 83 Resp: 6615

Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.5	84.5