Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061820\
Data File : VV016985.D
Acq On : 18 Jun 2020 18:15
Operator : SY/MD
Sample : L3039-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9M07

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6/19/2020 3:03:02 PM

Quant Time: Jun 19 07:06:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	343791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152048	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	82561	34.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.06%			
7) Chloroethane-d5	1.58	69	59117	40.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.22%			
11) 1,1-Dichloroethene-d2	2.12	63	131532	32.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.58%			
21) 2-Butanone-d5	3.91	46	163009	90.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.79%			
24) Chloroform-d	4.38	84	217895	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.34%			
26) 1,2-Dichloroethane-d4	5.06	65	157572	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.92%			
32) Benzene-d6	5.07	84	414026	44.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.08%			
36) 1,2-Dichloropropane-d6	6.09	67	130033	44.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.74%			
41) Toluene-d8	7.34	98	380307	44.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.16%			
43) trans-1,3-Dichloropropene-	7.64	79	64449	42.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.40%			
47) 2-Hexanone-d5	8.11	63	98892	78.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.28%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166511	43.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.82%			
64) 1,2-Dichlorobenzene-d4	11.65	152	161062	49.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.28%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.94	96	29917m	11.795	ug/L	
34) Trichloroethene	5.94	95	7602	2.971	ug/L	94
46) Tetrachloroethene	8.00	164	66414	33.000	ug/L	97

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

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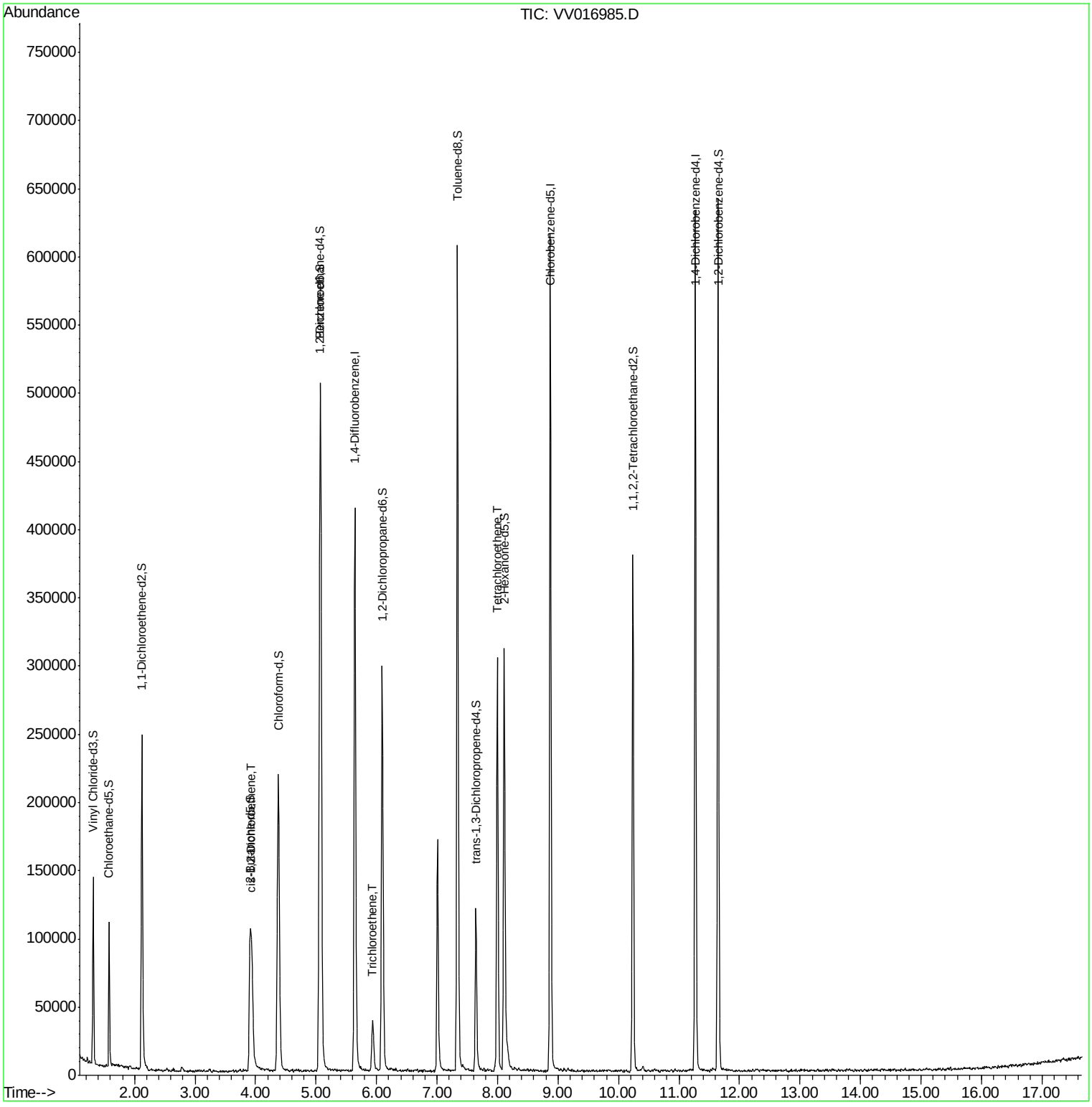
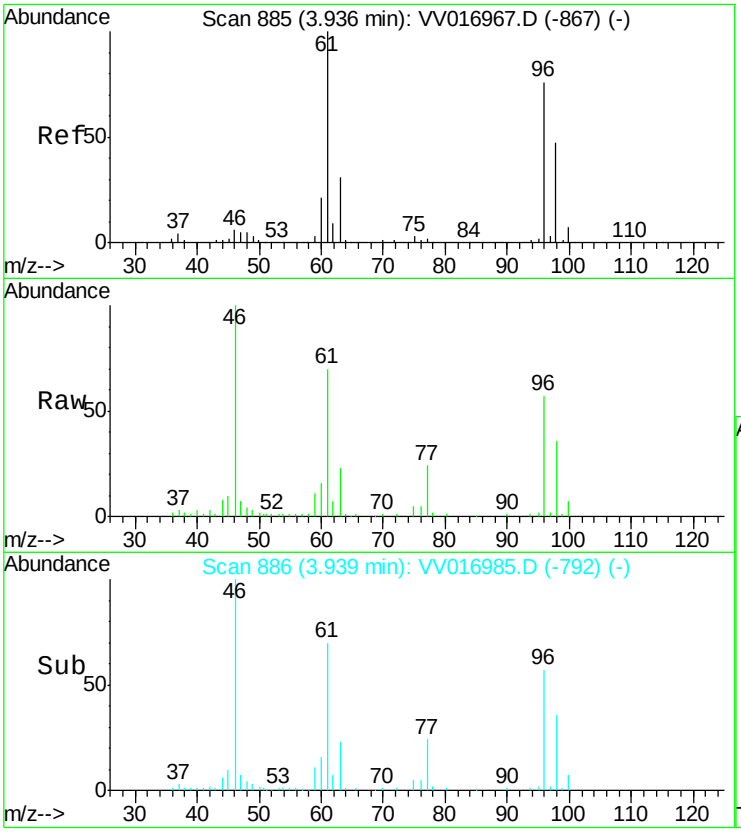
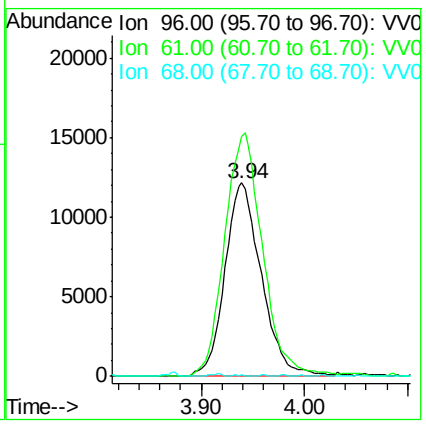




#20
cis-1,2-Dichloroethene
Concen: 11.795 ug/L m
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016985.D
Acq: 18 Jun 2020 18:15

Tgt Ion: 96 Resp: 29917

Ion	Ratio	Lower	Upper
96	100		
61	124.3	93.4	173.4
68	0.9	0.0	0.0#



Instrument :
MSVOA_V
ClientSampleId :
F9M07

Manual Integrations APPROVED
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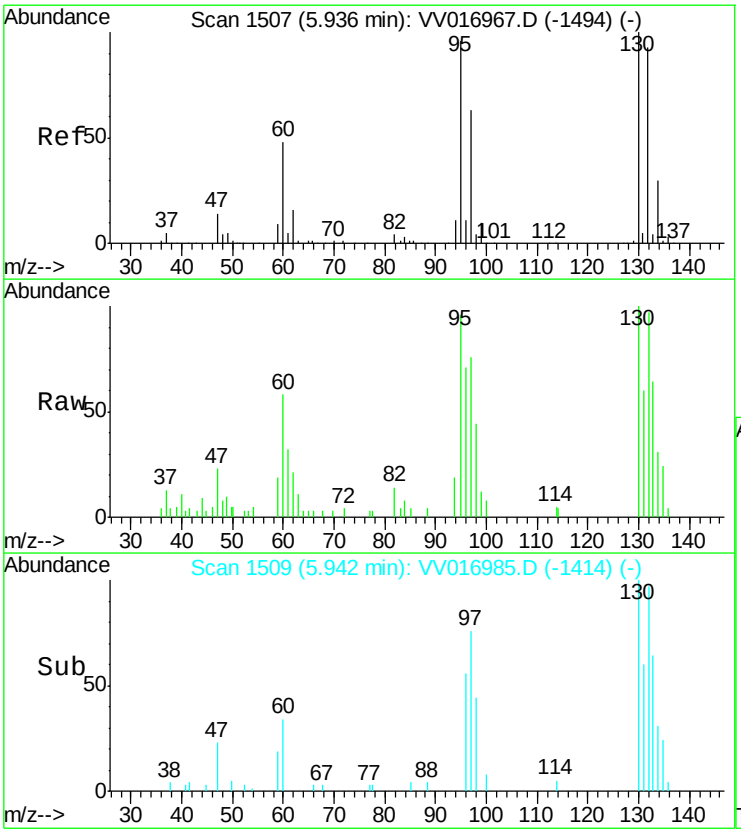
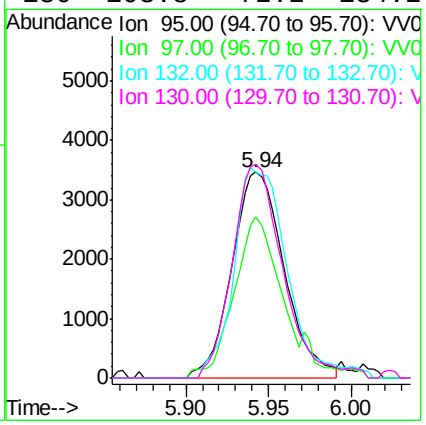
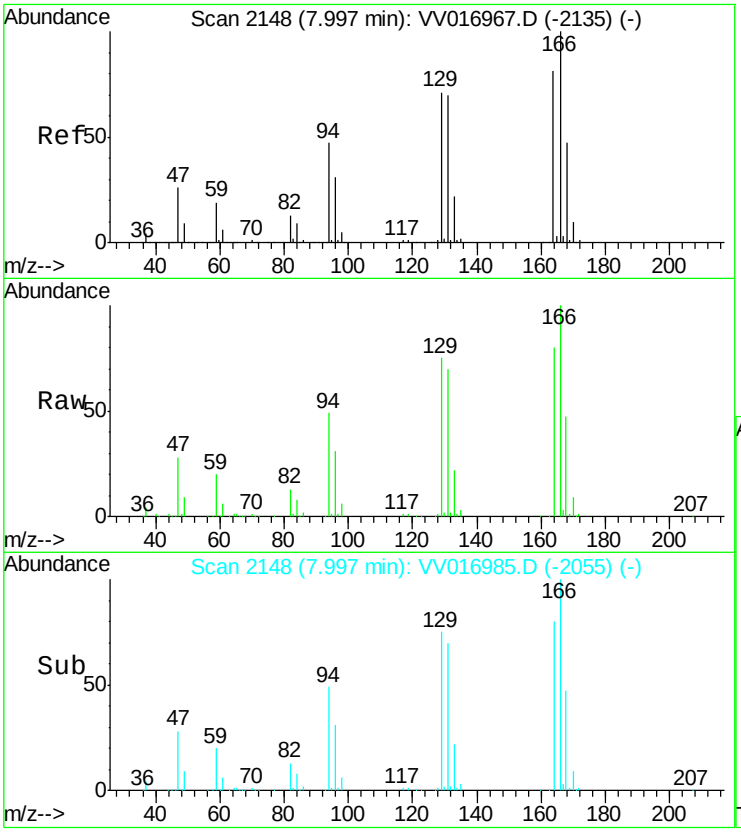


#34
Trichloroethene
Concen: 2.971 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016985.D
Acq: 18 Jun 2020 18:15

Tgt Ion: 95 Resp: 7602

Ion	Ratio	Lower	Upper
95	100		
97	78.6	44.3	82.3
132	100.4	67.9	126.1
130	103.8	72.2	134.2

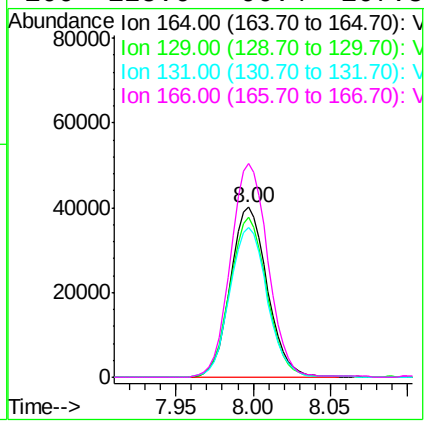




#46
Tetrachloroethene
Concen: 33.000 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016985.D
Acq: 18 Jun 2020 18:15

Tgt Ion:164 Resp: 66414

Ion	Ratio	Lower	Upper
164	100		
129	94.0	67.0	124.4
131	87.8	64.8	120.3
166	125.6	90.4	167.8



Instrument :
MSVOA_V
ClientSampleId :
F9M07

Manual Integrations APPROVED
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