Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003760.D
Acq On : 14 Dec 2020 19:57
Operator : SY/MD
Sample : VIBLK66
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK66

Quant Time: Dec 15 05:18:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	347199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	329574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	168515	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	121775	25.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.80%			
7) Chloroethane-d5	2.77	69	93209	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.56%			
10) 1,1-Dichloroethene-d2	3.86	63	183454	18.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.72%			
20) 2-Butanone-d5	6.90	46	102923	49.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.70%			
24) Chloroform-d	7.49	84	215122	23.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.44%			
26) 1,2-Dichloroethane-d4	8.15	65	130164	25.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%			
29) Benzene-d6	8.12	84	454531	23.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.32%			
33) 1,2-Dichloropropane-d6	9.12	67	138005	23.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.92%			
37) Toluene-d8	10.18	98	417481	24.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.72%			
38) trans-1,3-Dichloropropene-	10.44	79	71545	24.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.84%			
39) 2-Hexanone-d5	10.79	63	82055	50.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.18%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	121404	23.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.52%			
61) 1,2-Dichlorobenzene-d4	13.72	152	151842	25.09	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.36%			
Target Compounds						Qvalue
13) Acetone	3.96	43	2340	1.644	ug/L	74
16) Methylene chloride	4.73	84	13575	2.178	ug/L	91

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

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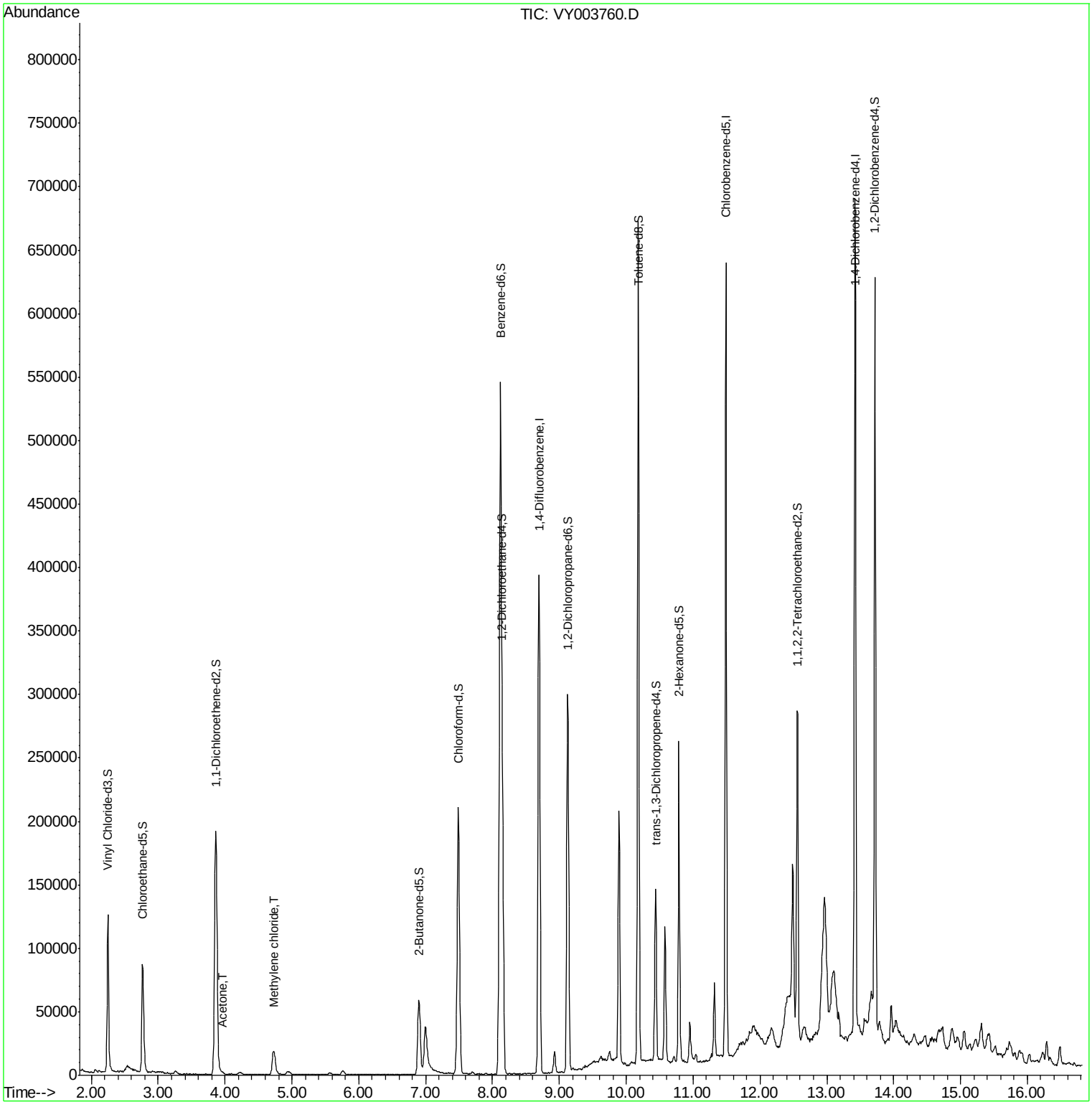
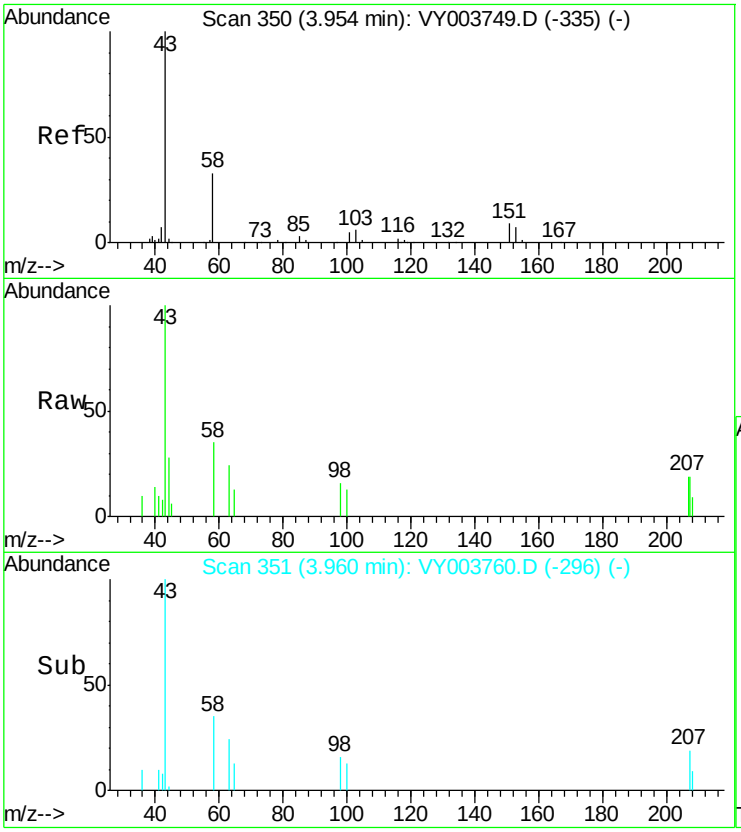


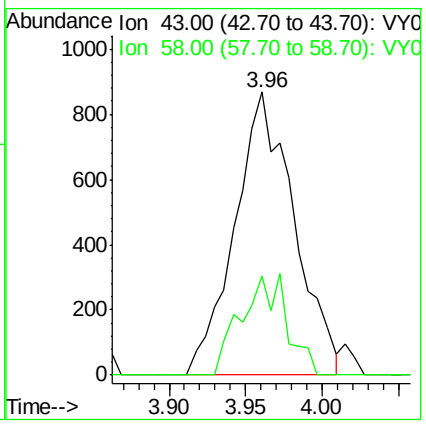


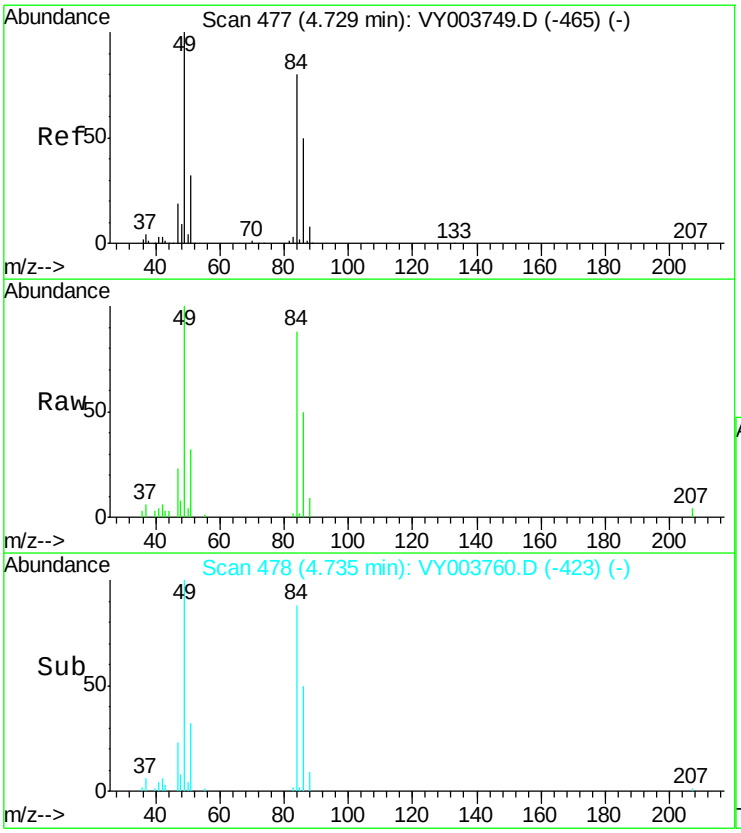
#13
Acetone
Concen: 1.644 ug/L
RT: 3.96 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY003760.D
Acq: 14 Dec 2020 19:57

Instrument : MSVOA_Y
ClientSampleId : VIBLK66

Tgt Ion: 43 Resp: 2340

Ion	Ratio	Lower	Upper
43	100		
58	18.2	0.0	65.4





#16
Methylene chloride
Concen: 2.178 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003760.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 84 Resp: 13575

Ion	Ratio	Lower	Upper
84	100		
49	113.9	88.2	163.8
86	57.0	43.0	79.8