Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121120\
Data File : VY003733.D
Acq On : 11 Dec 2020 17:35
Operator : SY/MD
Sample : VIBLK02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK02

Quant Time: Dec 12 04:36:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	319685	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	305980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	160234	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	99758	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.28%			
7) Chloroethane-d5	2.77	69	81764	23.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.88%			
10) 1,1-Dichloroethene-d2	3.86	63	166373	19.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.20%			
20) 2-Butanone-d5	6.90	46	68683	42.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.24%			
24) Chloroform-d	7.49	84	211629	25.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.88%			
26) 1,2-Dichloroethane-d4	8.15	65	118767	25.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.64%			
29) Benzene-d6	8.12	84	452488	25.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.16%			
33) 1,2-Dichloropropane-d6	9.12	67	139997	26.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.84%			
37) Toluene-d8	10.18	98	426305	26.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.40%			
38) trans-1,3-Dichloropropene-	10.44	79	68064	27.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.68%			
39) 2-Hexanone-d5	10.79	63	58988	44.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.84%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	115574	24.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.00%			
61) 1,2-Dichlorobenzene-d4	13.72	152	158928	27.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.20%			
Target Compounds						Qvalue
13) Acetone	3.95	43	1380	1.168	ug/L	91
16) Methylene chloride	4.72	84	8111	1.445	ug/L	86

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

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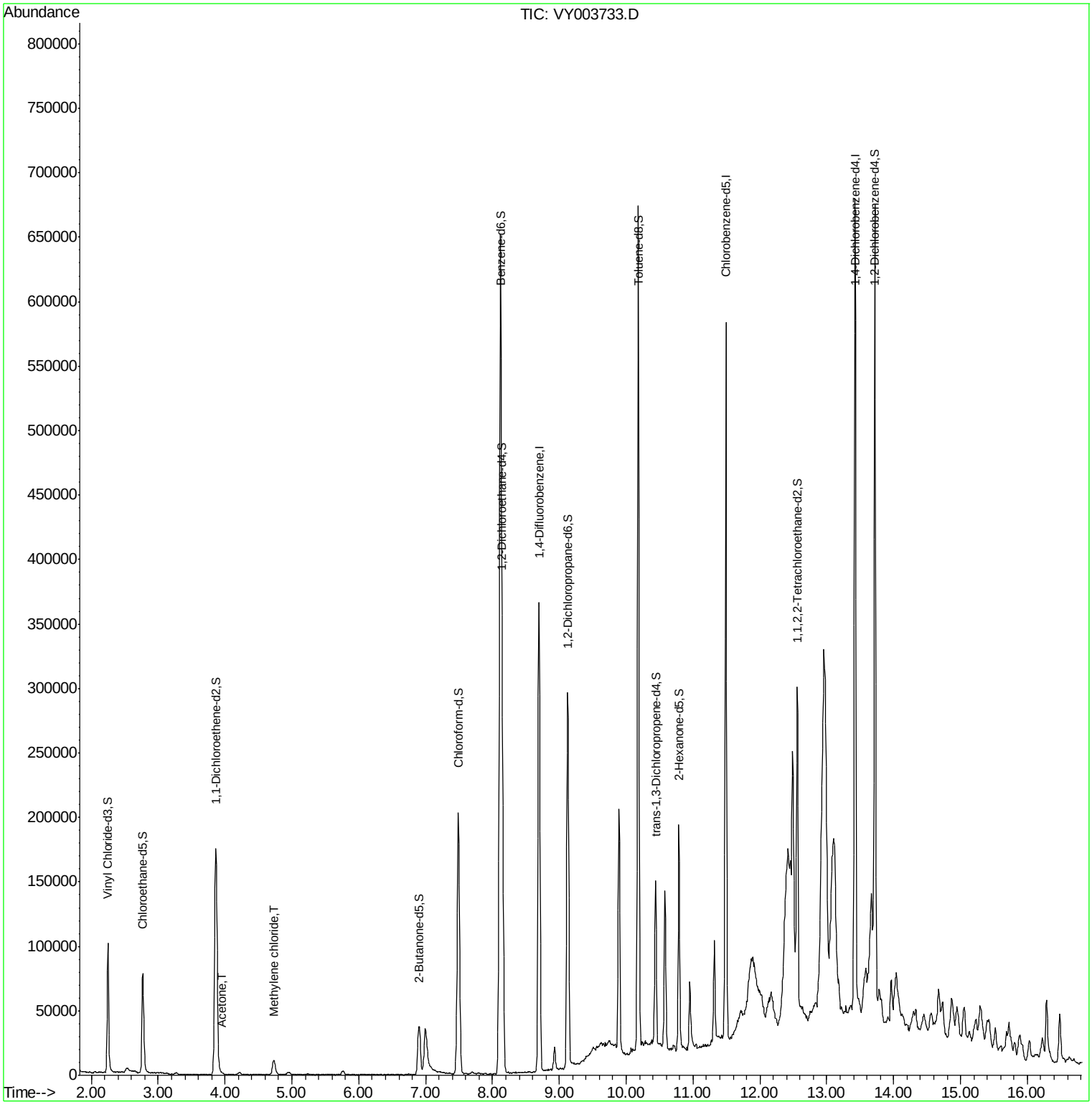
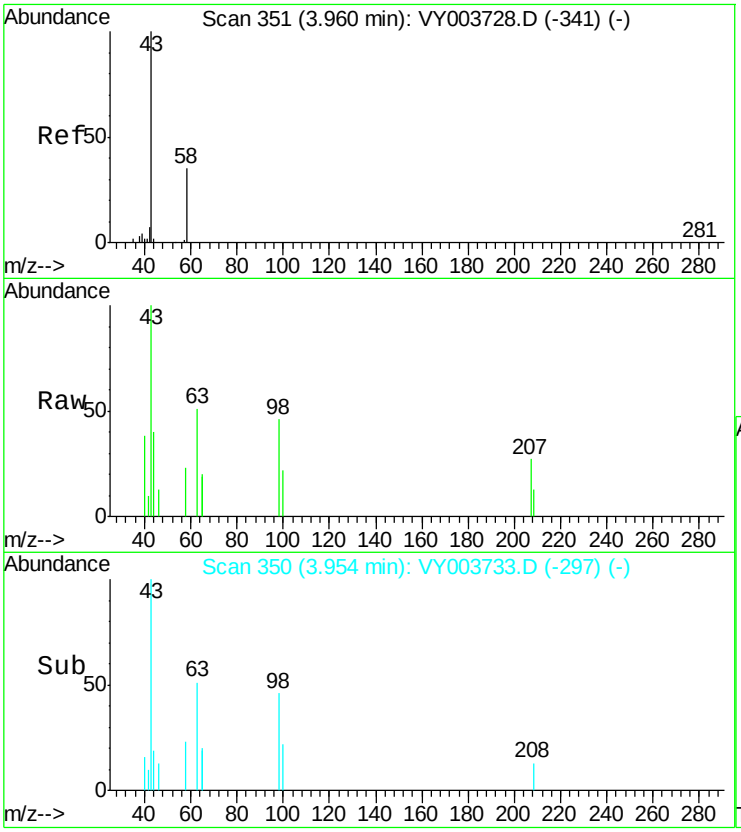


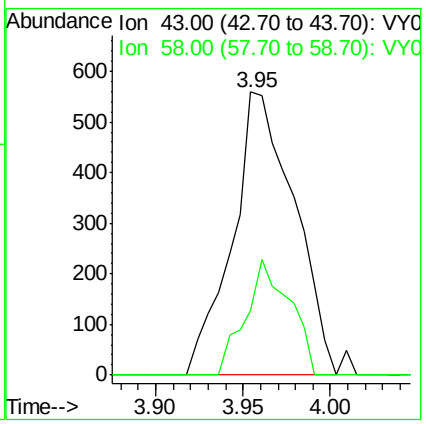


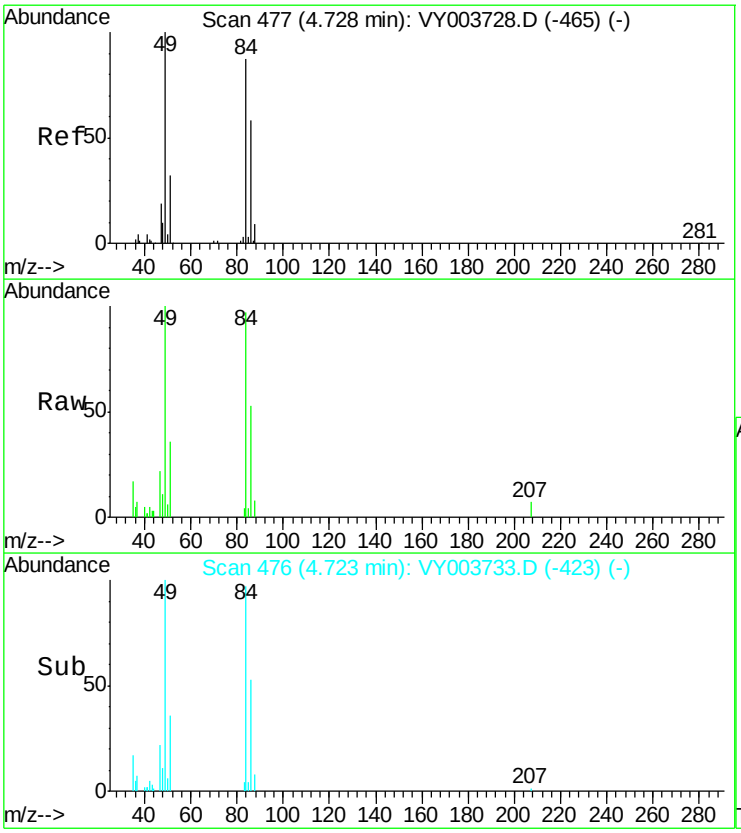
#13
Acetone
Concen: 1.168 ug/L
RT: 3.95 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003733.D
Acq: 11 Dec 2020 17:35

Instrument : MSVOA_Y
ClientSampleId : VIBLK02

Tgt Ion: 43 Resp: 1380

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	68.8





#16
Methylene chloride
Concen: 1.445 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003733.D
Acq: 11 Dec 2020 17:35

Tgt Ion: 84 Resp: 8111

Ion	Ratio	Lower	Upper
84	100		
49	102.7	83.7	155.4
86	54.3	45.0	83.6