Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003758.D
Acq On : 14 Dec 2020 19:11
Operator : SY/MD
Sample : VIBLK65
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK65

Quant Time: Dec 15 05:11:16 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	352534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	335394	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	175350	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	117818	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.96%			
7) Chloroethane-d5	2.77	69	90811	25.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.28%			
10) 1,1-Dichloroethene-d2	3.86	63	179737	17.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.12%			
20) 2-Butanone-d5	6.90	46	109413	52.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.38%			
24) Chloroform-d	7.49	84	214973	23.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	8.15	65	131398	25.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%			
29) Benzene-d6	8.12	84	449522	23.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.64%			
33) 1,2-Dichloropropane-d6	9.12	67	139392	23.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.24%			
37) Toluene-d8	10.18	98	412882	23.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.00%			
38) trans-1,3-Dichloropropene-	10.44	79	72789	24.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.80%			
39) 2-Hexanone-d5	10.79	63	85213	51.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.24%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	126821	24.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.00%			
61) 1,2-Dichlorobenzene-d4	13.72	152	153698	24.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
13) Acetone	3.97	43	2040	1.411	ug/L	50
16) Methylene chloride	4.73	84	11874	1.876	ug/L	91

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

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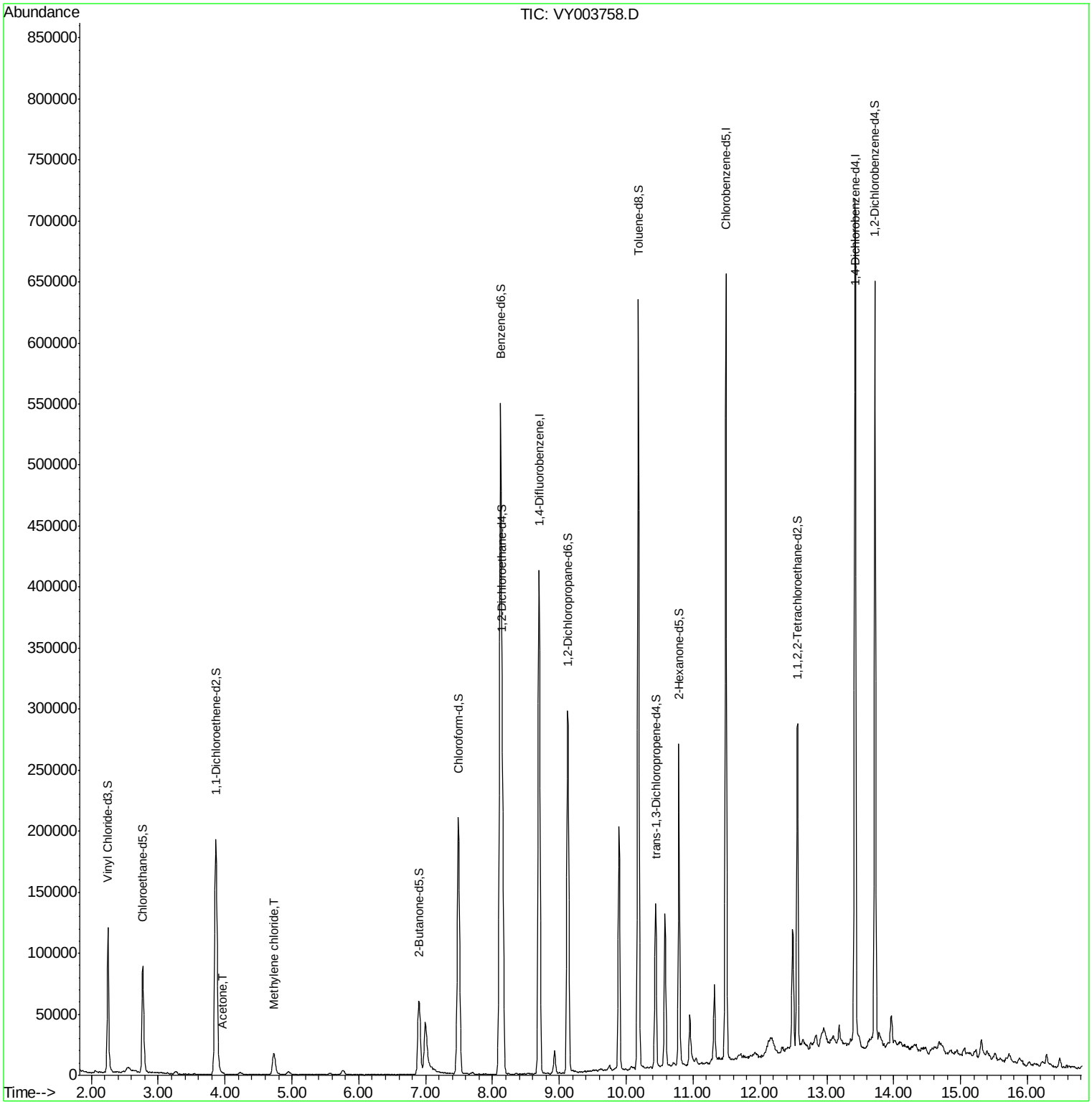
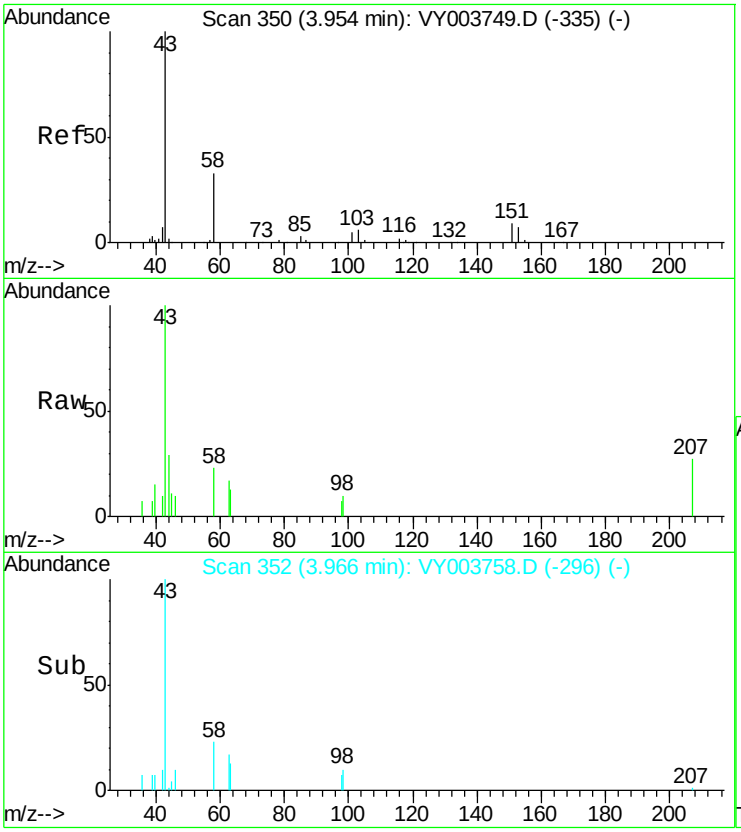


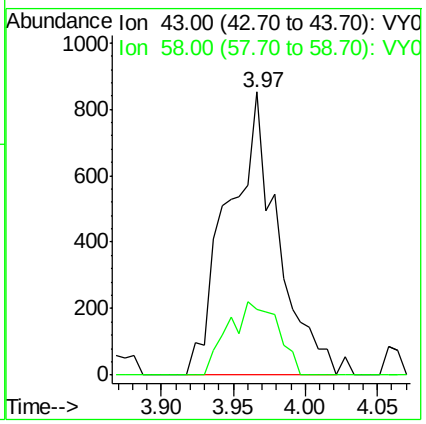


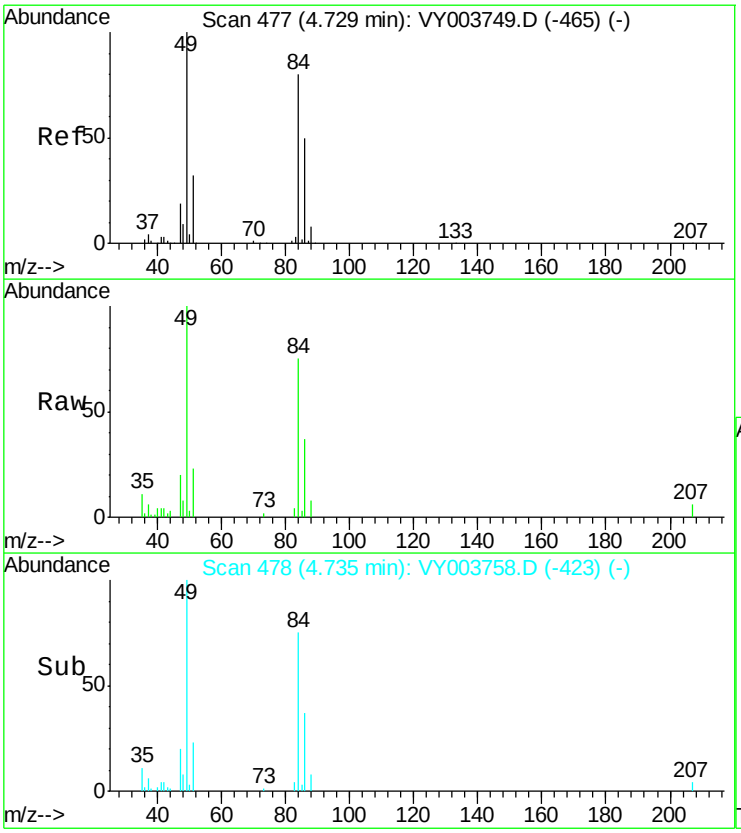
#13
Acetone
Concen: 1.411 ug/L
RT: 3.97 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003758.D
Acq: 14 Dec 2020 19:11

Instrument : MSVOA_Y
ClientSampleId : VIBLK65

Tgt Ion: 43 Resp: 2040

Ion	Ratio	Lower	Upper
43	100		
58	4.6	0.0	65.4





#16
Methylene chloride
Concen: 1.876 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003758.D
Acq: 14 Dec 2020 19:11

Tgt Ion: 84 Resp: 11874

Ion	Ratio	Lower	Upper
84	100		
49	132.9	88.2	163.8
86	48.9	43.0	79.8