Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121120\
Data File : VY003731.D
Acq On : 11 Dec 2020 16:50
Operator : SY/MD
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK01

Quant Time: Dec 12 04:06:20 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	278437	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	271565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	145984	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	82098	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.40%			
7) Chloroethane-d5	2.77	69	66439	22.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.48%			
10) 1,1-Dichloroethene-d2	3.86	63	130453	17.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.40%			
20) 2-Butanone-d5	6.90	46	52564	37.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.90%			
24) Chloroform-d	7.48	84	165818	23.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.56%			
26) 1,2-Dichloroethane-d4	8.15	65	93739	23.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%			
29) Benzene-d6	8.12	84	360134	22.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.64%			
33) 1,2-Dichloropropane-d6	9.12	67	108256	23.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.08%			
37) Toluene-d8	10.18	98	340931	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.76%			
38) trans-1,3-Dichloropropene-	10.44	79	52374	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.20%			
39) 2-Hexanone-d5	10.79	63	46808	40.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.32%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	95420	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.08%			
61) 1,2-Dichlorobenzene-d4	13.72	152	131220	24.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.96%			
Target Compounds						Qvalue
13) Acetone	3.95	43	1119	1.087	ug/L	82
16) Methylene chloride	4.73	84	6785	1.388	ug/L	92

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

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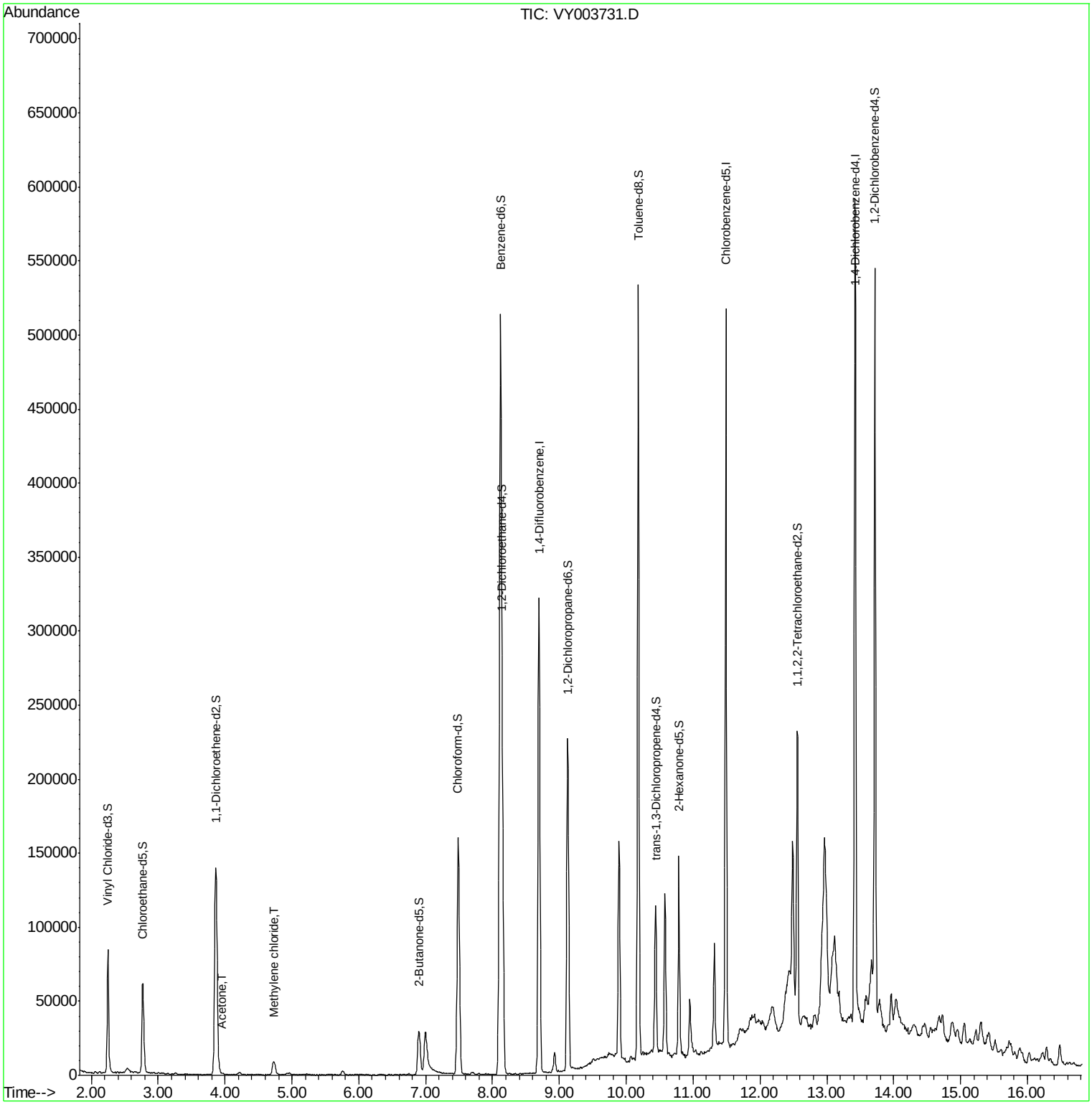
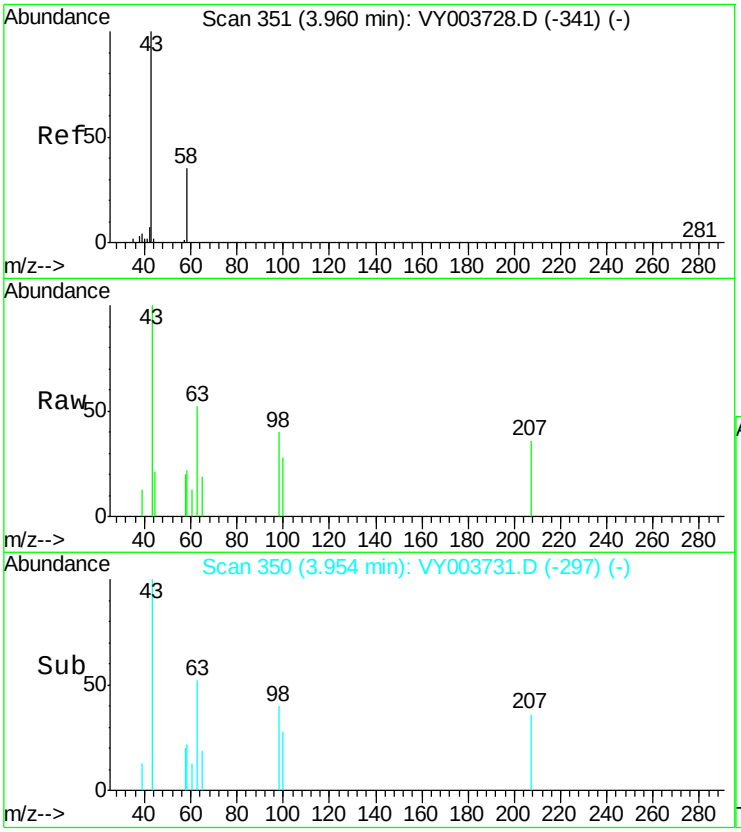


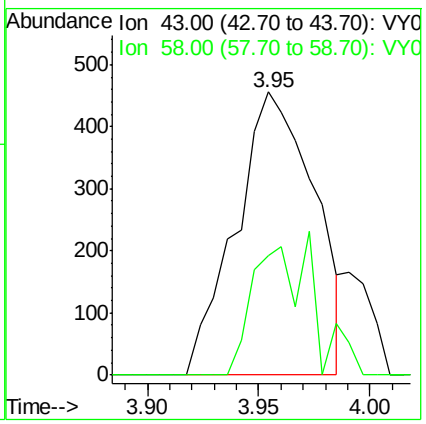


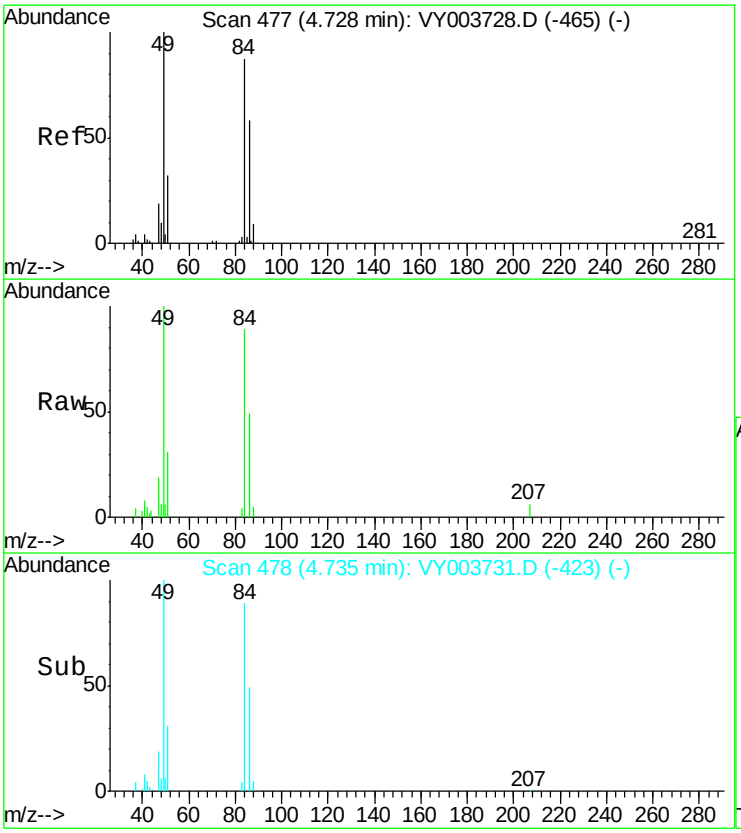
#13
Acetone
Concen: 1.087 ug/L
RT: 3.95 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003731.D
Acq: 11 Dec 2020 16:50

Instrument : MSVOA_Y
ClientSampleId : VIBLK01

Tgt Ion: 43 Resp: 1119

Ion	Ratio	Lower	Upper
43	100		
58	24.0	0.0	68.8





#16
Methylene chloride
Concen: 1.388 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003731.D
Acq: 11 Dec 2020 16:50

Tgt Ion: 84 Resp: 6785

Ion	Ratio	Lower	Upper
84	100		
49	112.5	83.7	155.4
86	55.6	45.0	83.6