Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002846.D
Acq On : 24 May 2018 14:54
Operator : JC/SY
Sample : J3030-06RE
Misc : 6.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:57:09 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Fri May 25 07:55:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	216979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62506	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	76284	22.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.44%			
7) Chloroethane-d5	2.89	69	64835	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.96%			
10) 1,1-Dichloroethene-d2	4.00	63	89357	15.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.48%			
20) 2-Butanone-d5	7.09	46	70414	51.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.36%			
24) Chloroform-d	7.65	84	157106	24.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.68%			
26) 1,2-Dichloroethane-d4	8.31	65	100717	26.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.84%			
29) Benzene-d6	8.27	84	277819	26.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.68%			
33) 1,2-Dichloropropane-d6	9.28	67	97059	29.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.44%			
37) Toluene-d8	10.33	98	244689	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.12%			
38) trans-1,3-Dichloropropene-	10.59	79	33968	21.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.20%			
39) 2-Hexanone-d5	10.93	63	55152	58.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.56%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	87505	23.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.76%			
61) 1,2-Dichlorobenzene-d4	13.87	152	53400	23.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.96%			
Target Compounds						Qvalue
13) Acetone	4.12	43	34780	28.58	ug/L	96
15) Methyl Acetate	4.67	43	9719	4.39	ug/L #	77
21) 2-Butanone	7.18	43	7059	4.38	ug/L	85
44) Toluene	10.39	91	84148	6.56	ug/L	99

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

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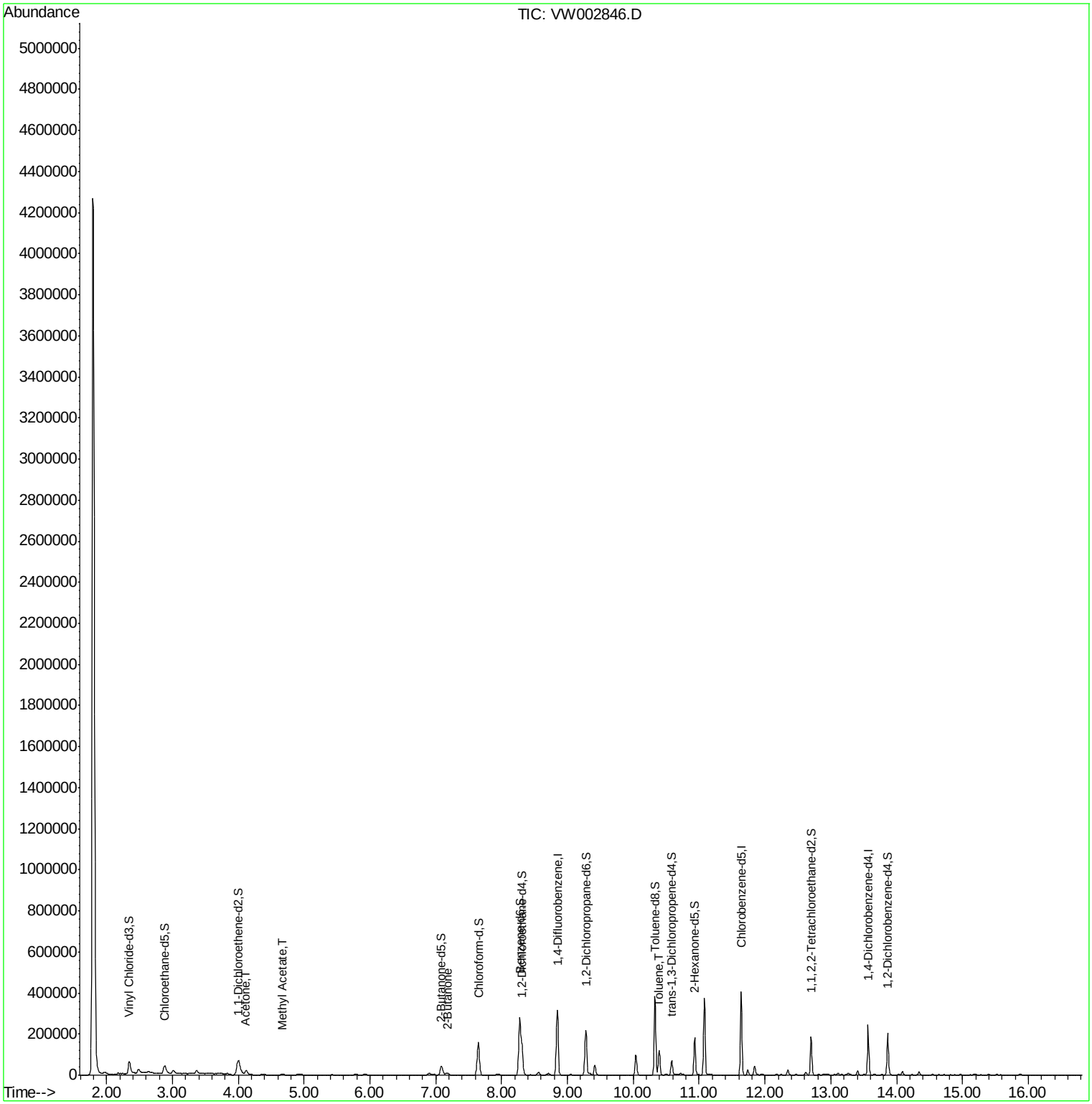
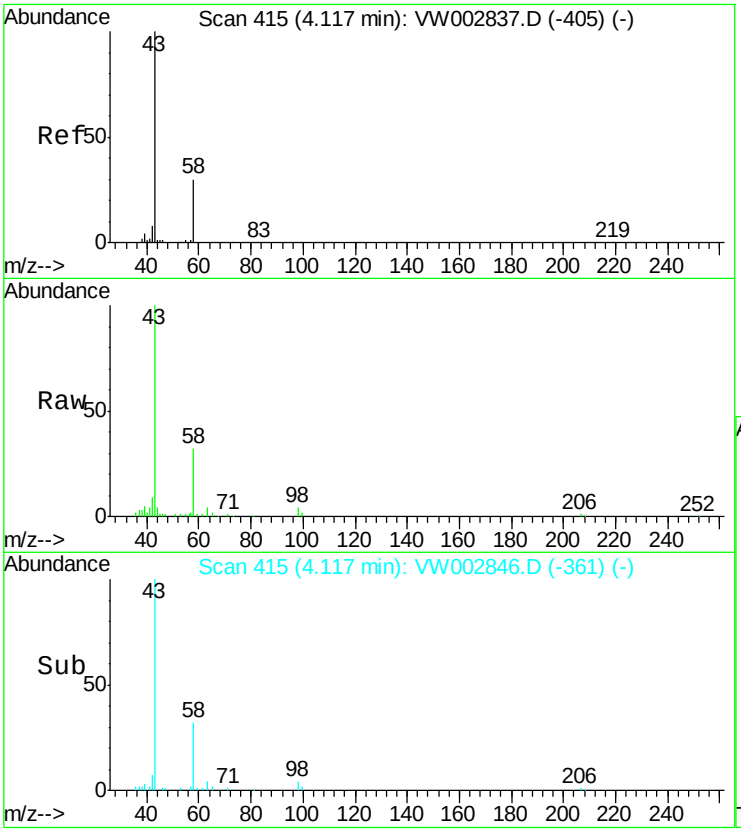
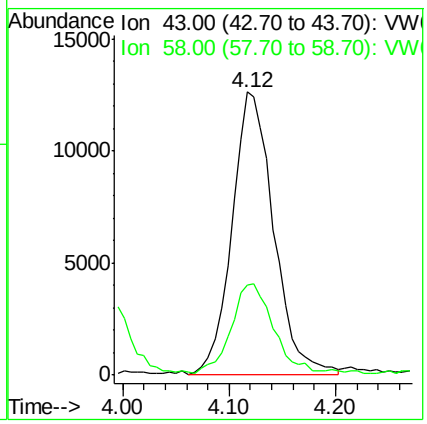


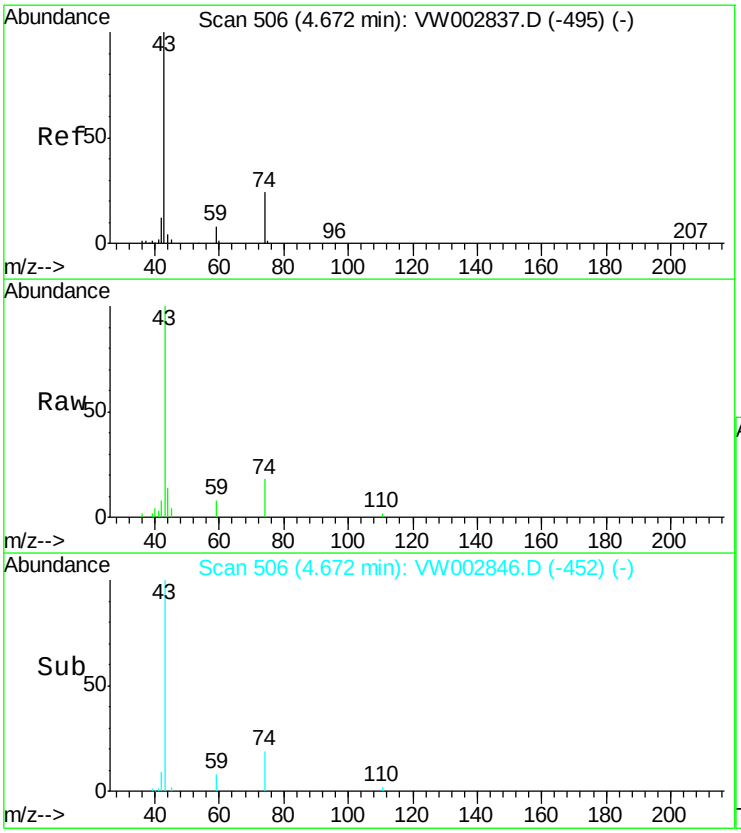


#13
Acetone
Concen: 28.58 ug/L
RT: 4.12 min Scan# 415
Delta R.T. -0.00 min
Lab File: VW002846.D
Acq: 24 May 2018 14:54

Tgt Ion: 43 Resp: 34780

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	59.8

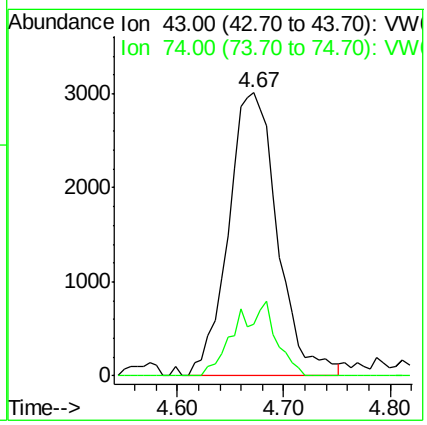


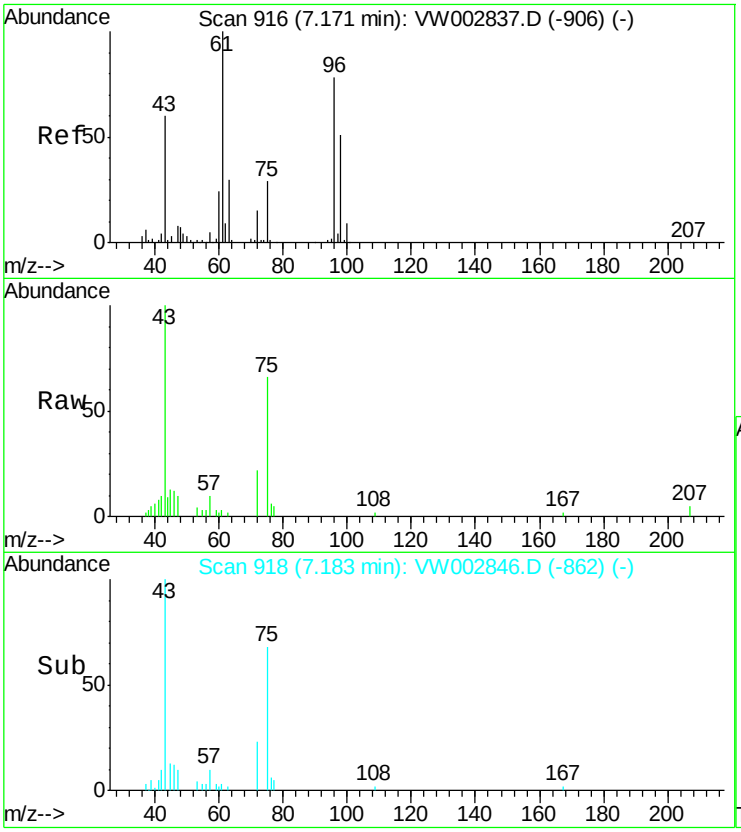


#15
Methyl Acetate
Concen: 4.39 ug/L
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW002846.D
Acq: 24 May 2018 14:54

Tgt Ion: 43 Resp: 9719

Ion	Ratio	Lower	Upper
43	100		
74	12.4	18.8	28.2#

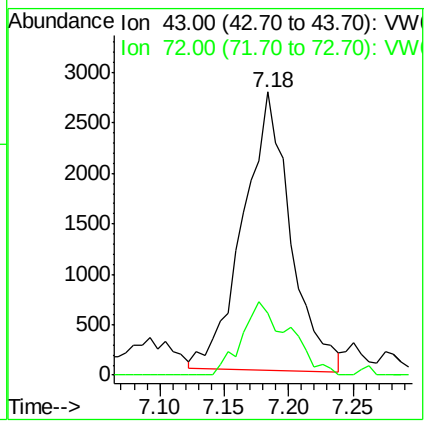


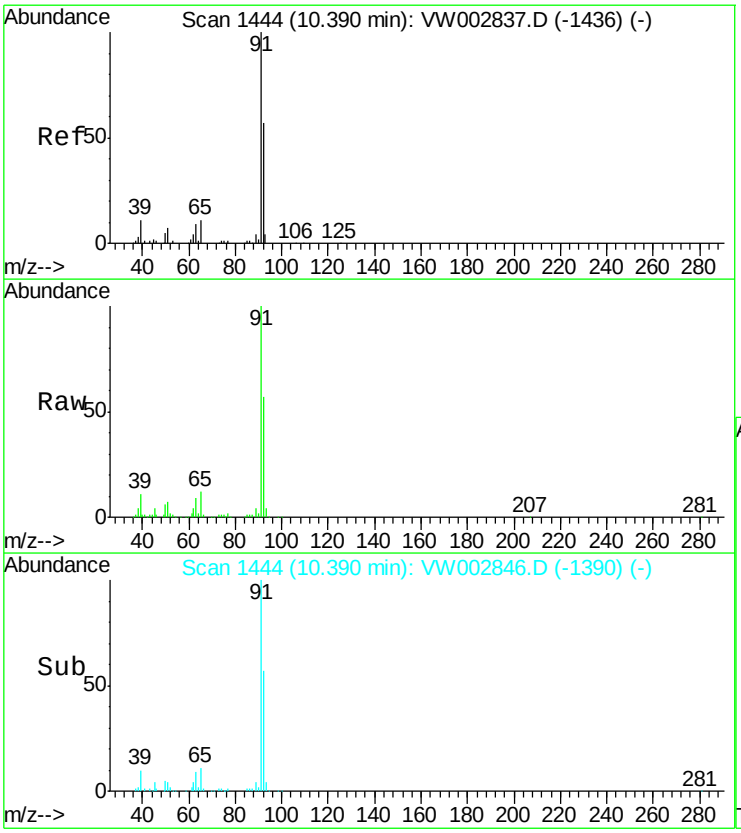


#21
2-Butanone
Concen: 4.38 ug/L
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002846.D
Acq: 24 May 2018 14:54

Tgt Ion: 43 Resp: 7059

Ion	Ratio	Lower	Upper
43	100		
72	19.4	13.7	41.1





#44
Toluene
Concen: 6.56 ug/L
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW002846.D
Acq: 24 May 2018 14:54

Tgt Ion: 91 Resp: 84148

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.5	73.4