Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111919\

Quantitation Report (Not Reviewed)

Data File : VW014077.D
Acq On : 19 Nov 2019 11:07
Operator : SY/VA
Sample : K5810-13
Misc : 4.40G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLS0

Quant Time: Nov 20 06:02:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 20 05:59:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	149904	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	112515	18.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.28%			
7) Chloroethane-d5	2.89	69	105547	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.12%			
10) 1,1-Dichloroethene-d2	4.01	63	190097	15.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.00%			
20) 2-Butanone-d5	7.07	46	58895	33.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.84%			
24) Chloroform-d	7.64	84	274680	23.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	8.30	65	132319	22.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.40%			
29) Benzene-d6	8.27	84	576262	23.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.40%			
33) 1,2-Dichloropropane-d6	9.27	67	170073	24.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.12%			
37) Toluene-d8	10.32	98	522559	22.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.20%			
38) trans-1,3-Dichloropropene-	10.57	79	62468	20.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.44%			
39) 2-Hexanone-d5	10.92	63	47023	35.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.06%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105229	19.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	140216	23.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.12%			
Target Compounds						Qvalue
25) Chloroform	7.67	83	7792	0.714	ug/L #	62
36) Methylcyclohexane	9.27	83	42286	3.539	ug/L #	20

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

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Quant Title : VOC Analysis
QLast Update : Wed Nov 20 05:59:38 2019
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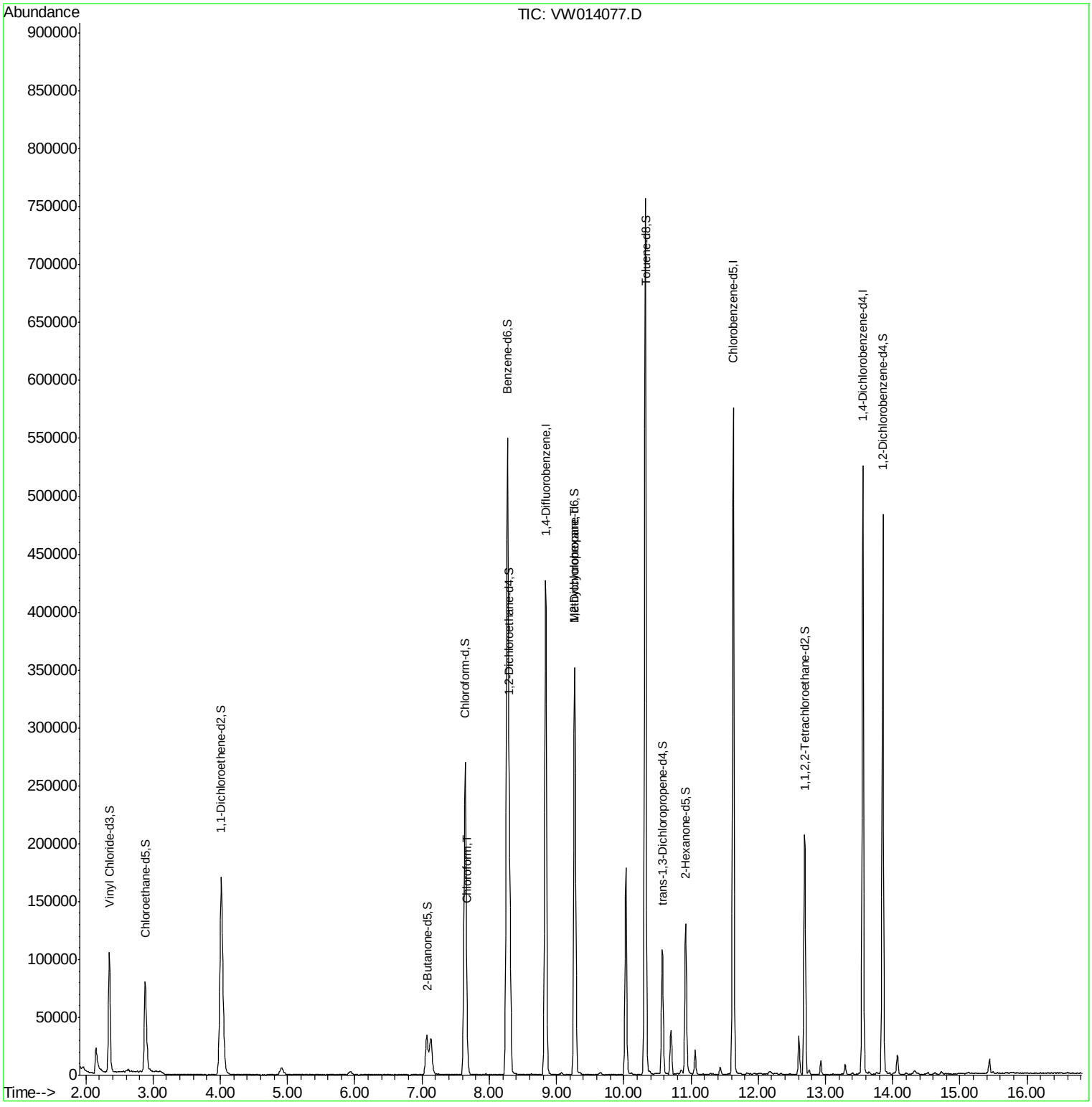
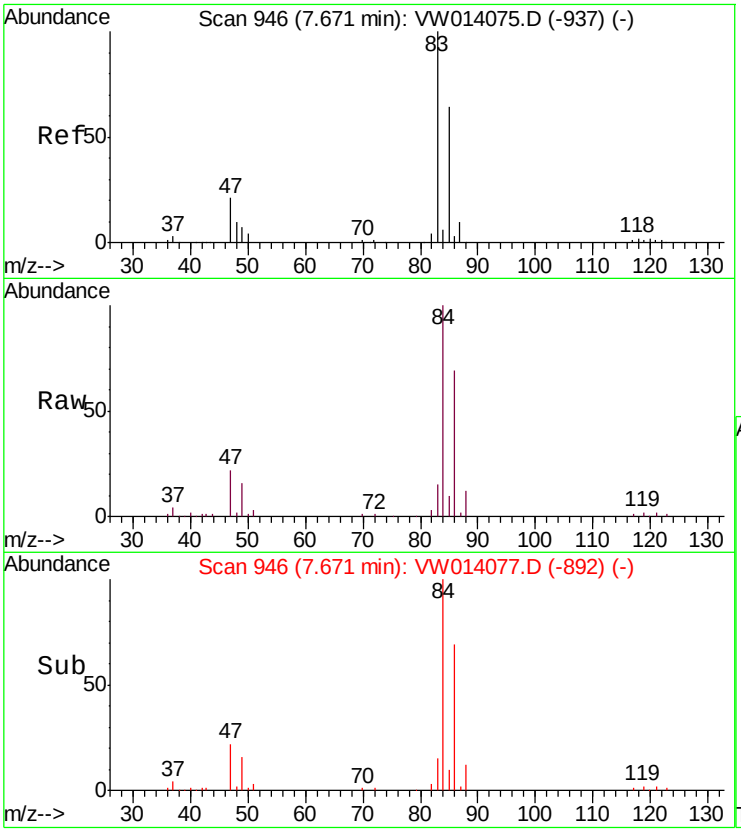


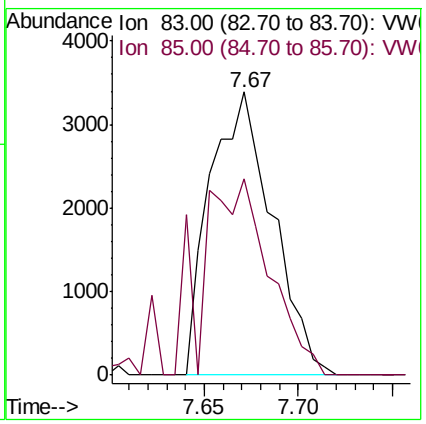


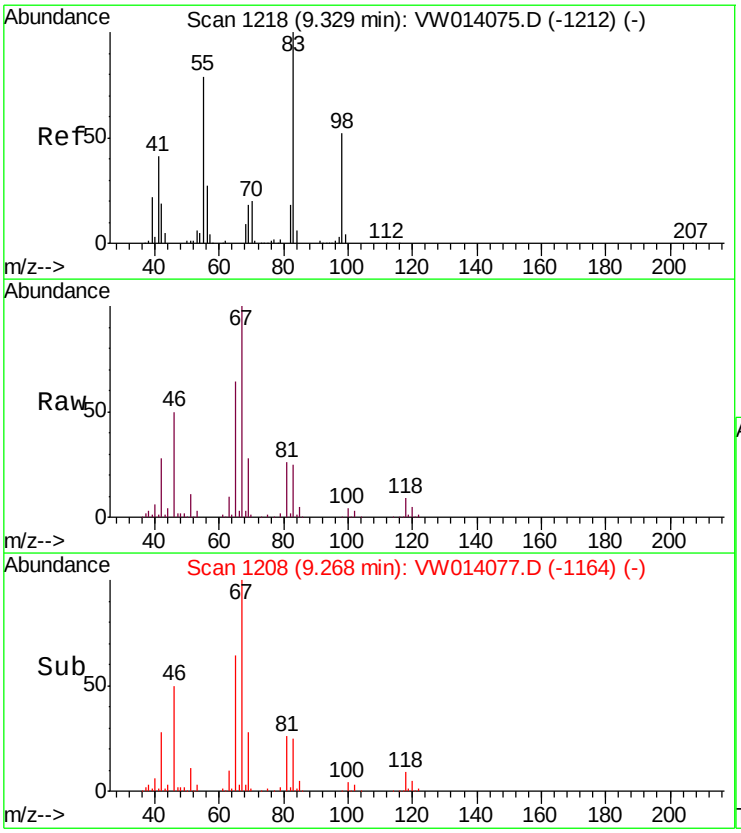
#25
Chloroform
Concen: 0.714 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014077.D
Acq: 19 Nov 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
BFLS0

Tgt Ion: 83 Resp: 7792

Ion	Ratio	Lower	Upper
83	100		
85	36.1	46.1	85.7#





#36
Methylcyclohexane
Concen: 3.539 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW014077.D
Acq: 19 Nov 2019 11:07

Tgt Ion: 83 Resp: 42286

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.8	89.8#
98	1.9	39.5	59.3#