Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\

Quantitation Report (Not Reviewed)

Data File : VW008924.D
Acq On : 01 Mar 2019 15:35
Operator : SY/VA
Sample : K1657-07
Misc : 6.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB651

Quant Time: Mar 02 02:59:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361987	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165061	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	114167	19.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.08%			
7) Chloroethane-d5	2.89	69	115259	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.88%			
10) 1,1-Dichloroethene-d2	4.01	63	151816	15.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.20%			
20) 2-Butanone-d5	7.08	46	61240	35.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.12%			
24) Chloroform-d	7.65	84	205333	22.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.48%			
26) 1,2-Dichloroethane-d4	8.31	65	125755	23.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.92%			
29) Benzene-d6	8.27	84	431790	24.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.40%			
33) 1,2-Dichloropropane-d6	9.27	67	130936	25.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.88%			
37) Toluene-d8	10.32	98	428113	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.40%			
38) trans-1,3-Dichloropropene-	10.57	79	51546	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.80%			
39) 2-Hexanone-d5	10.93	63	50106	36.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.26%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107049	20.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	154587	26.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.12%			

Target Compounds						Qvalue
25) Chloroform	7.68	83	17266	1.894	ug/L	84
36) Methylcyclohexane	9.27	83	33528	3.565	ug/L #	20
44) Toluene	10.38	91	6317	0.280	ug/L	92

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

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Quant Title : VOC Analysis
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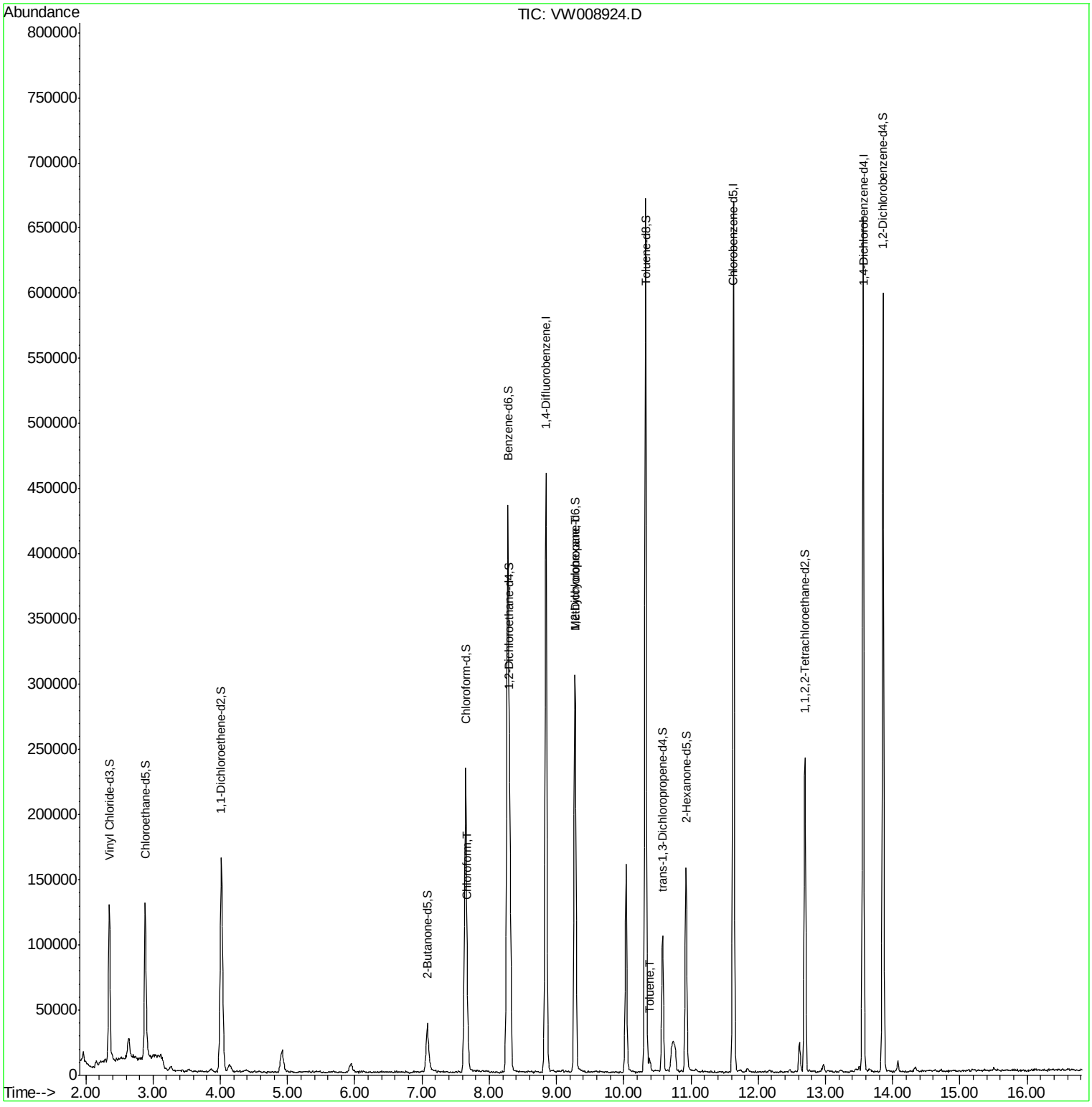
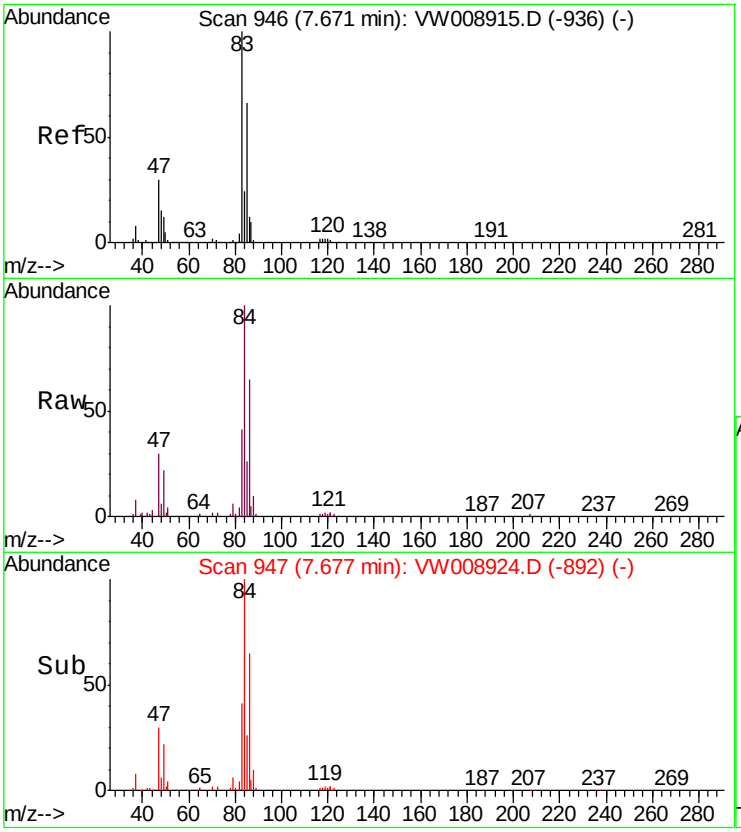
Response via : Initial Calibration



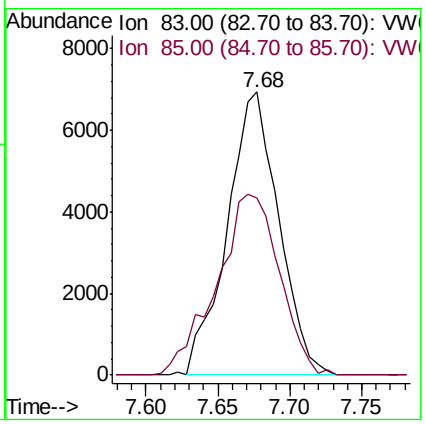


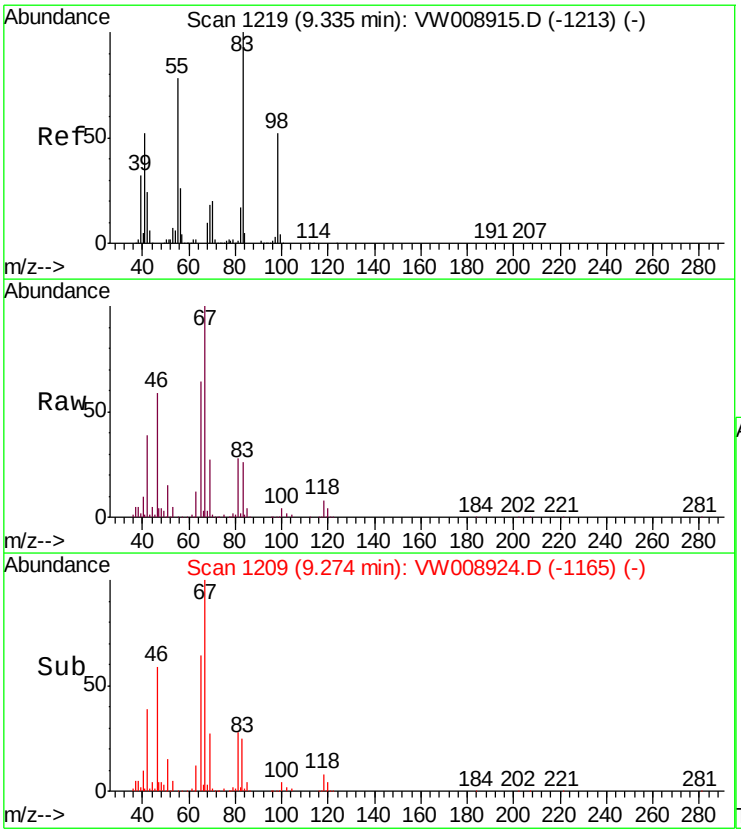
#25
Chloroform
Concen: 1.894 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008924.D
Acq: 01 Mar 2019 15:35

Instrument : MSVOA_W
ClientSampleId : DB651

Tgt Ion: 83 Resp: 17266

Ion	Ratio	Lower	Upper
83	100		
85	78.0	45.8	85.2

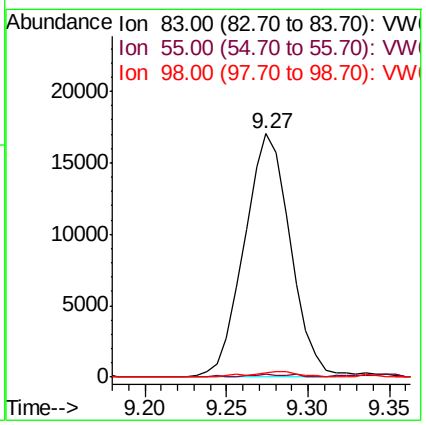


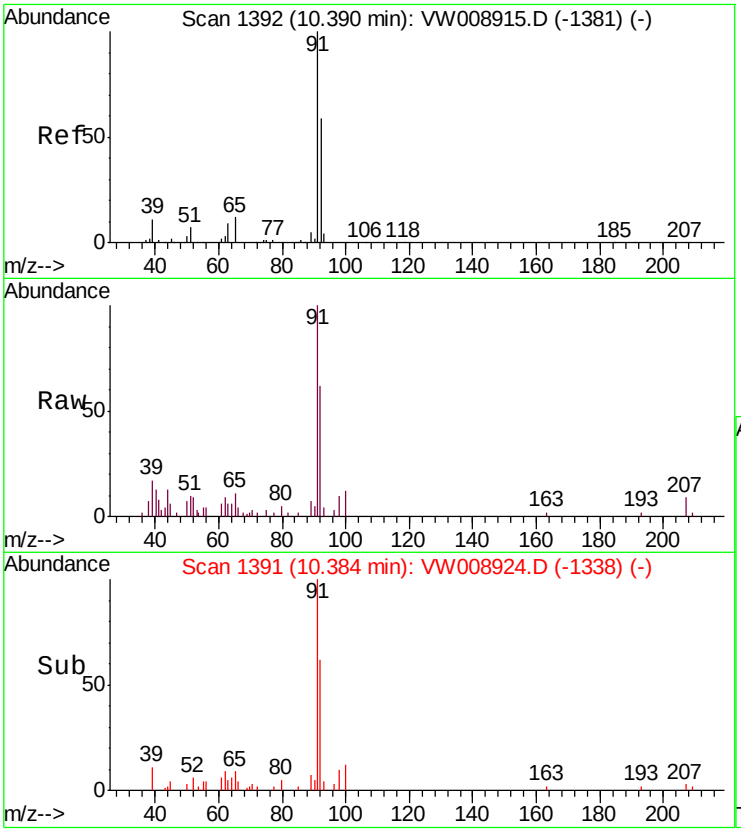


#36
Methylcyclohexane
Concen: 3.565 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW008924.D
Acq: 01 Mar 2019 15:35

Tgt Ion: 83 Resp: 33528

Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.4	89.0#
98	1.1	38.2	57.2#





#44
Toluene
Concen: 0.280 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008924.D
Acq: 01 Mar 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
DB651

Tgt Ion: 91 Resp: 6317

Ion	Ratio	Lower	Upper
91	100		
92	62.1	39.6	73.6