Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\

Quantitation Report (Not Reviewed)

Data File : VW011247.D
Acq On : 12 Jul 2019 18:28
Operator : SY/VA
Sample : K3760-13
Misc : 6.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z3

Quant Time: Jul 13 05:36:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324728	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150600	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	76522	13.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 55.12%			
7) Chloroethane-d5	2.89	69	59650	15.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.24%			
10) 1,1-Dichloroethene-d2	4.01	63	142035	12.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 48.28%			
20) 2-Butanone-d5	7.07	46	65355	29.87	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.74%			
24) Chloroform-d	7.64	84	186058	18.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.64%			
26) 1,2-Dichloroethane-d4	8.31	65	112565	18.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.32%			
29) Benzene-d6	8.27	84	383396	19.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.64%			
33) 1,2-Dichloropropane-d6	9.27	67	128415	19.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 78.84%			
37) Toluene-d8	10.32	98	331352	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.36%			
38) trans-1,3-Dichloropropene-	10.58	79	43726	15.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.16%			
39) 2-Hexanone-d5	10.92	63	42805	28.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94004	17.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.80%			
61) 1,2-Dichlorobenzene-d4	13.86	152	110669	19.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.56%			
Target Compounds						Qvalue
36) Methylcyclohexane	9.27	83	28799	3.125	ug/L #	13
49) 2-Hexanone	10.93	43	7512	2.002	ug/L #	67
56) Styrene	12.18	104	17400	1.233	ug/L	99
57) Isopropylbenzene	12.47	105	28825	1.283	ug/L #	1

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

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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
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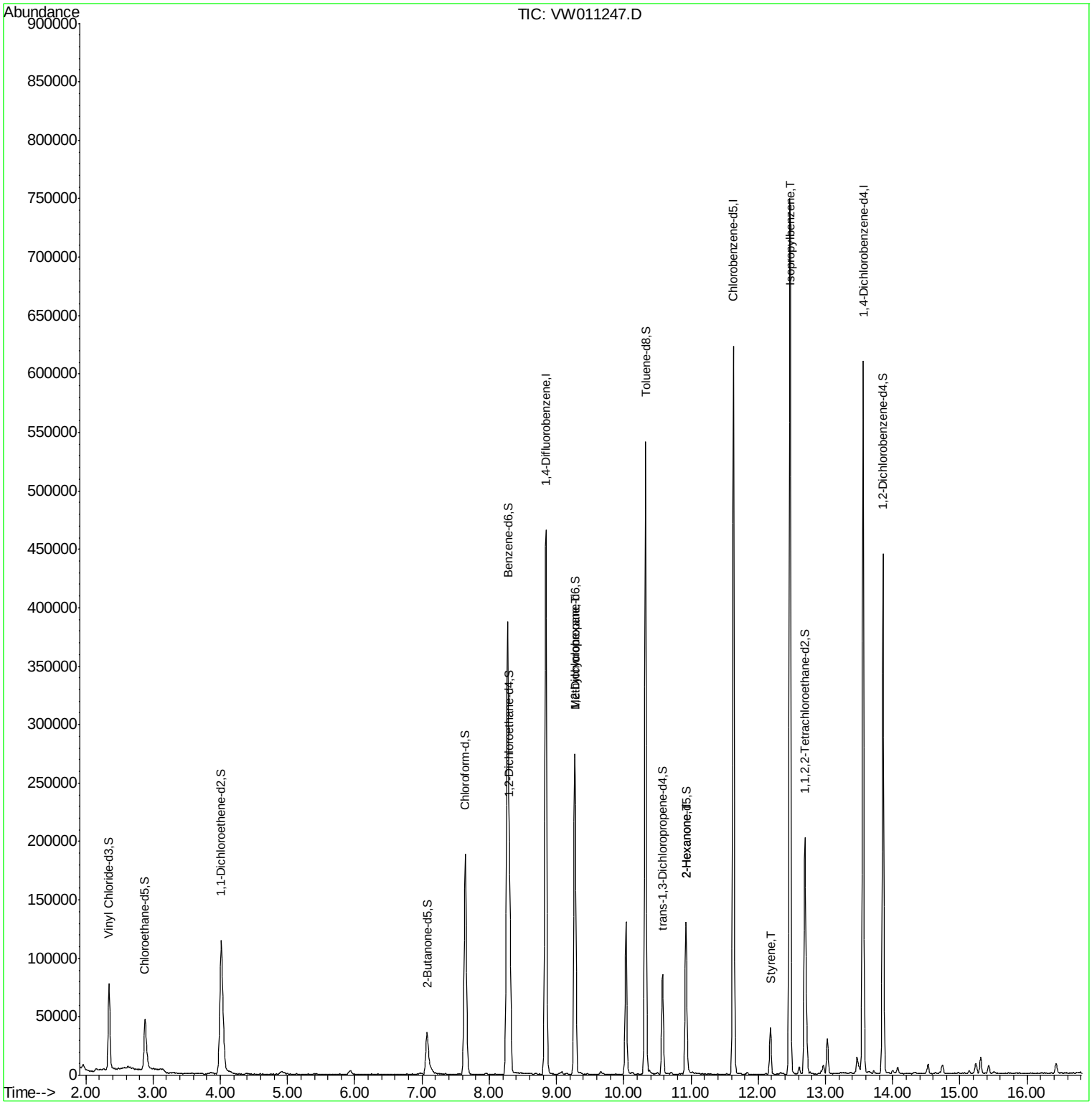
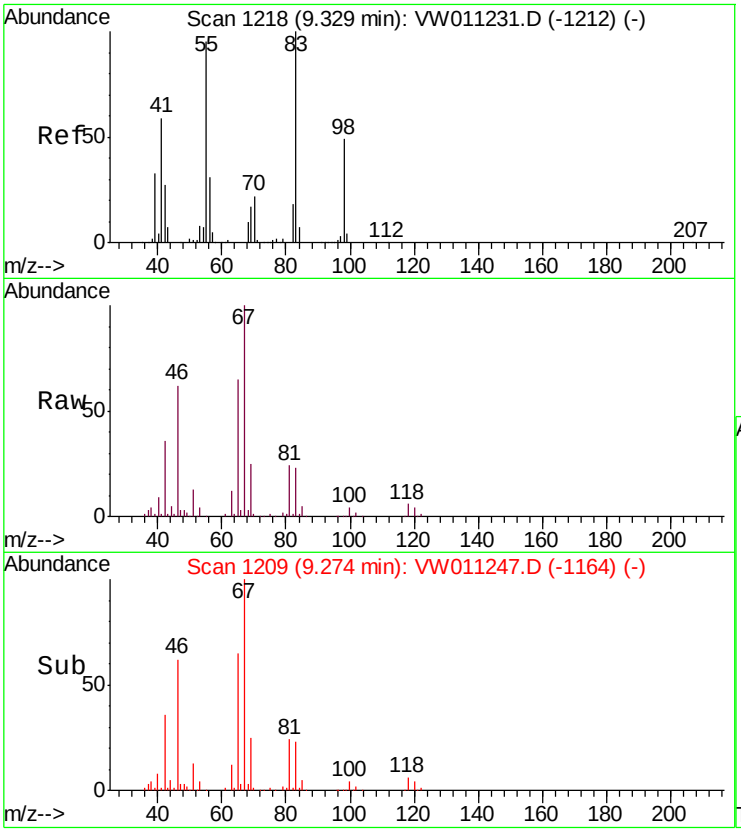


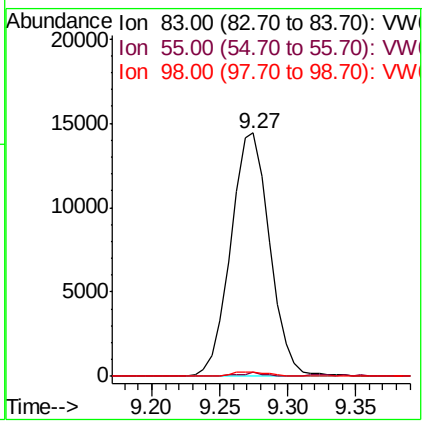


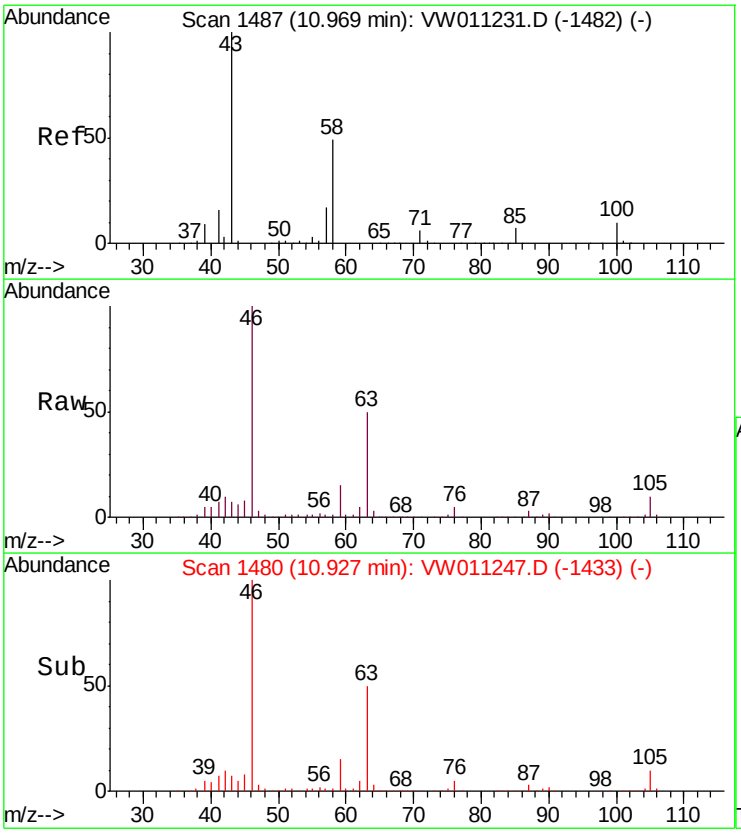
#36
Methylcyclohexane
Concen: 3.125 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW011247.D
Acq: 12 Jul 2019 18:28

Instrument : MSVOA_W
ClientSampleId : DB8Z3

Tgt Ion: 83 Resp: 28799

Ion	Ratio	Lower	Upper
83	100		
55	0.5	72.2	108.4#
98	0.0	38.2	57.4#

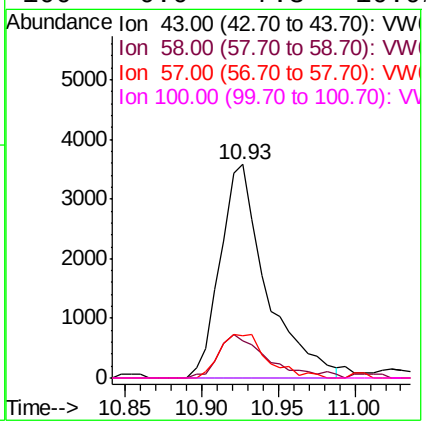


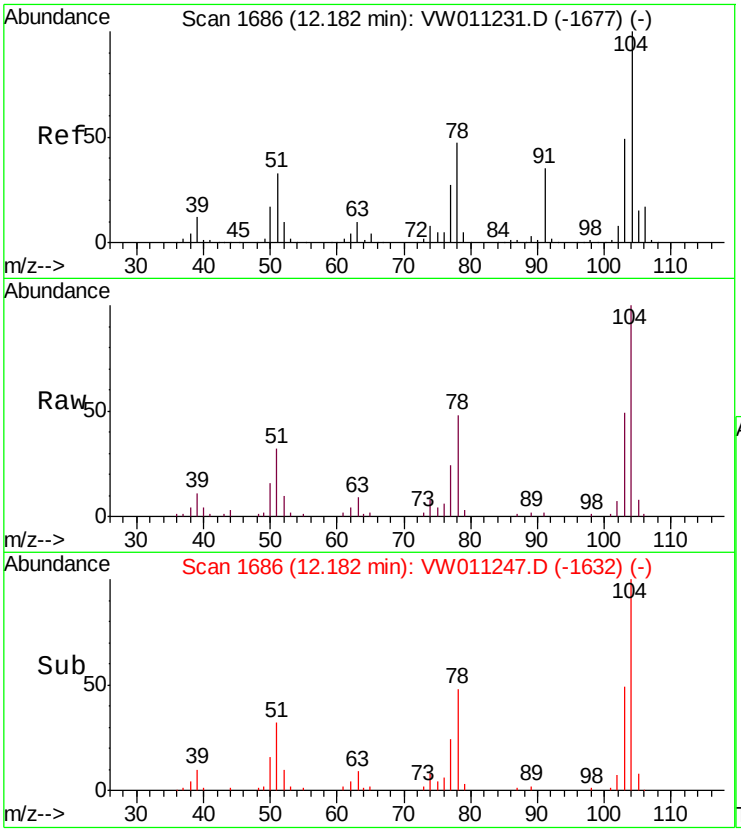


#49
2-Hexanone
Concen: 2.002 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW011247.D
Acq: 12 Jul 2019 18:28

Tgt Ion: 43 Resp: 7512

Ion	Ratio	Lower	Upper
43	100		
58	19.1	38.4	57.6#
57	20.2	13.3	19.9#
100	0.0	7.3	10.9#



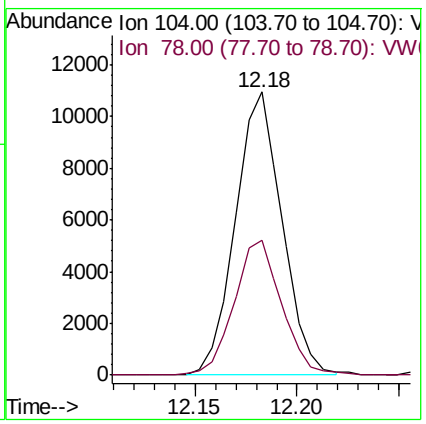


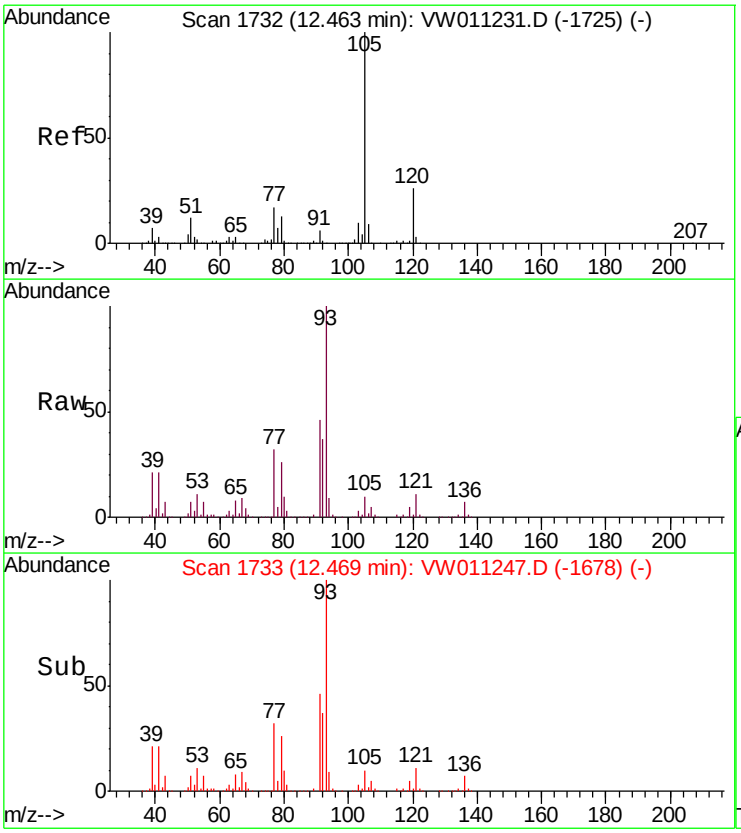
#56
Styrene
Concen: 1.233 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011247.D
Acq: 12 Jul 2019 18:28

Instrument :
MSVOA_W
ClientSampleId :
DB8Z3

Tgt Ion:104 Resp: 17400

Ion	Ratio	Lower	Upper
104	100		
78	47.8	33.7	62.7





#57
Isopropylbenzene
Concen: 1.283 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW011247.D
Acq: 12 Jul 2019 18:28

Tgt Ion:105 Resp: 28825

Ion	Ratio	Lower	Upper
105	100		
120	8.1	20.7	31.1#
77	307.0	13.5	20.3#