Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007964.D
Acq On : 27 Dec 2018 12:23
Operator : SY/AP
Sample : J6489-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9F75

Quant Time: Dec 28 04:35:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	110610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39668	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	21539	19.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.04%			
7) Chloroethane-d5	2.89	69	14853	20.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.88%			
10) 1,1-Dichloroethene-d2	4.01	63	42667	14.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.84%			
20) 2-Butanone-d5	7.07	46	13689	29.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.90%			
24) Chloroform-d	7.65	84	56079	19.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.24%			
26) 1,2-Dichloroethane-d4	8.31	65	33797	19.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.64%			
29) Benzene-d6	8.27	84	108246	20.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.88%			
33) 1,2-Dichloropropane-d6	9.27	67	30560	20.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.96%			
37) Toluene-d8	10.32	98	109003	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.60%			
38) trans-1,3-Dichloropropene-	10.58	79	16092	19.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.00%			
39) 2-Hexanone-d5	10.93	63	11663	31.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.64%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22231	15.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	30922	19.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6092	13.413	ug/L	99
30) Cyclohexane	7.96	56	8039	3.829	ug/L #	91
36) Methylcyclohexane	9.34	83	21029	8.265	ug/L #	64
57) Isopropylbenzene	12.47	105	34893	5.251	ug/L	97

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

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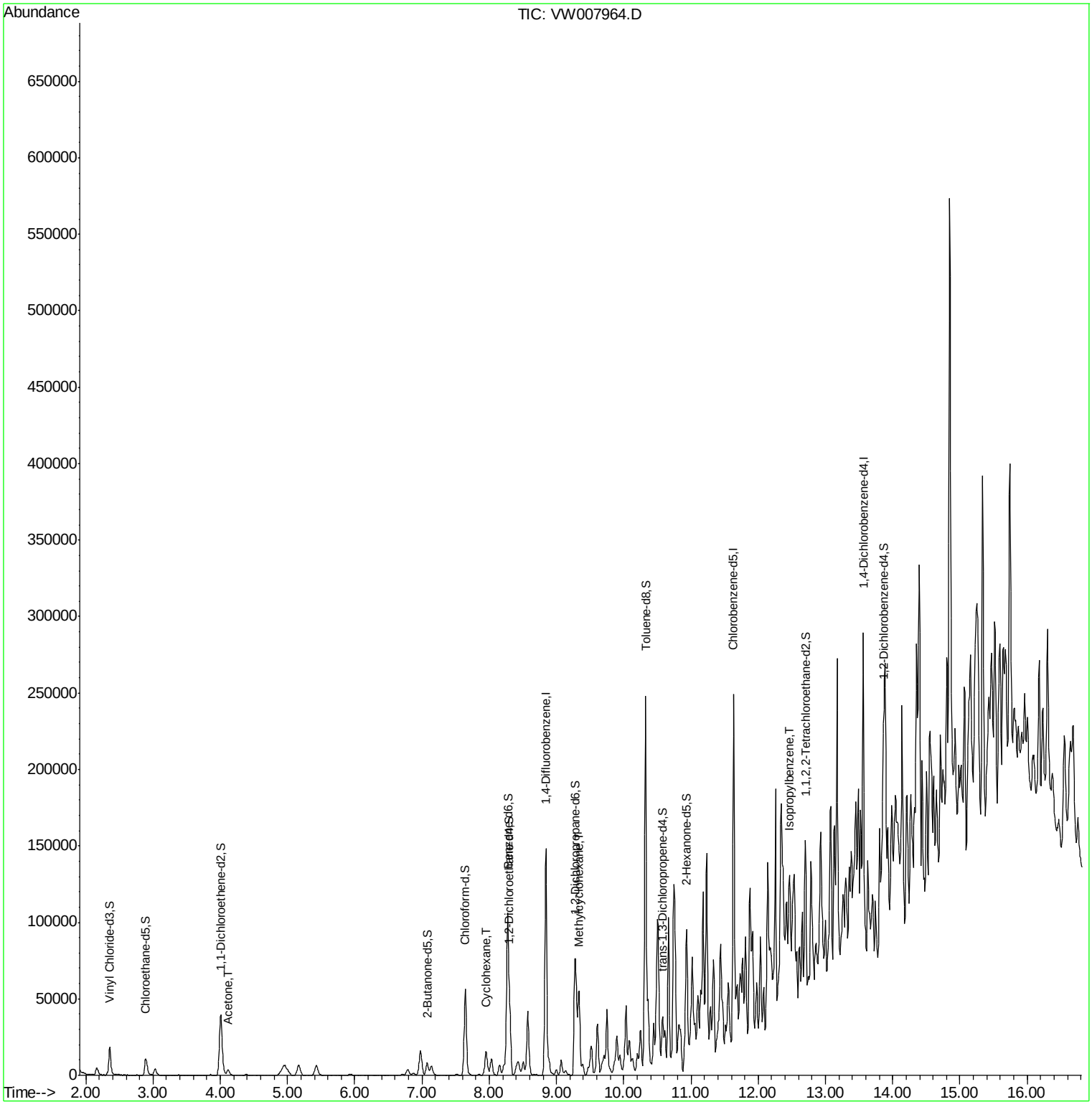
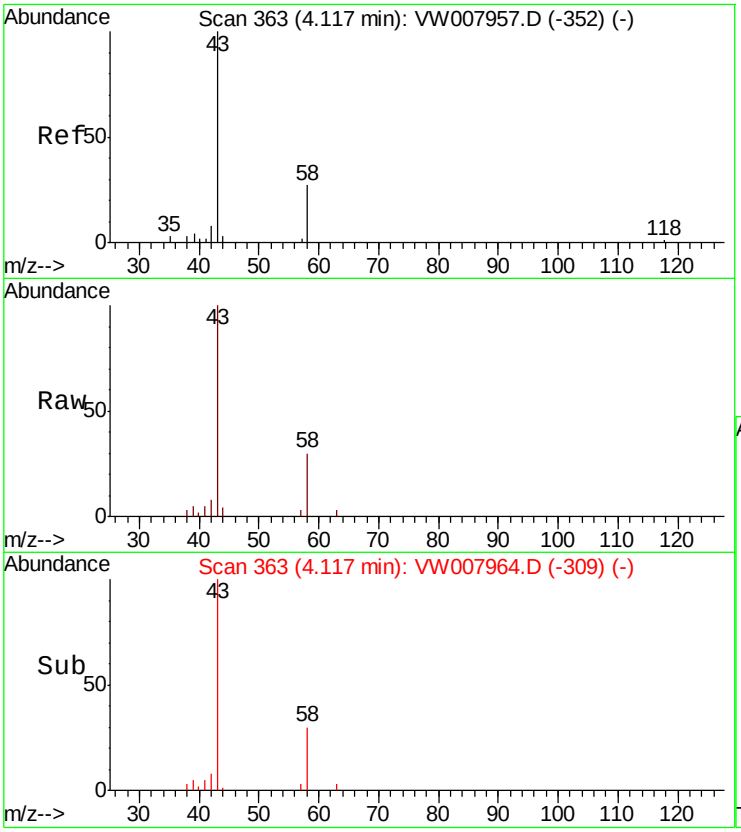


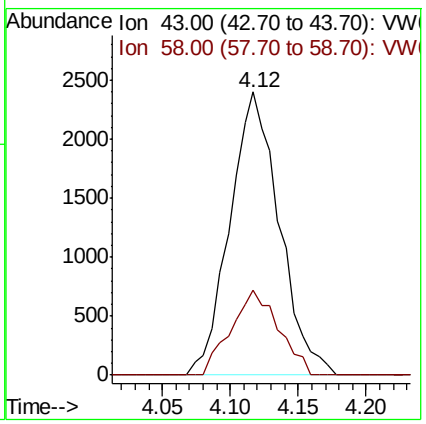


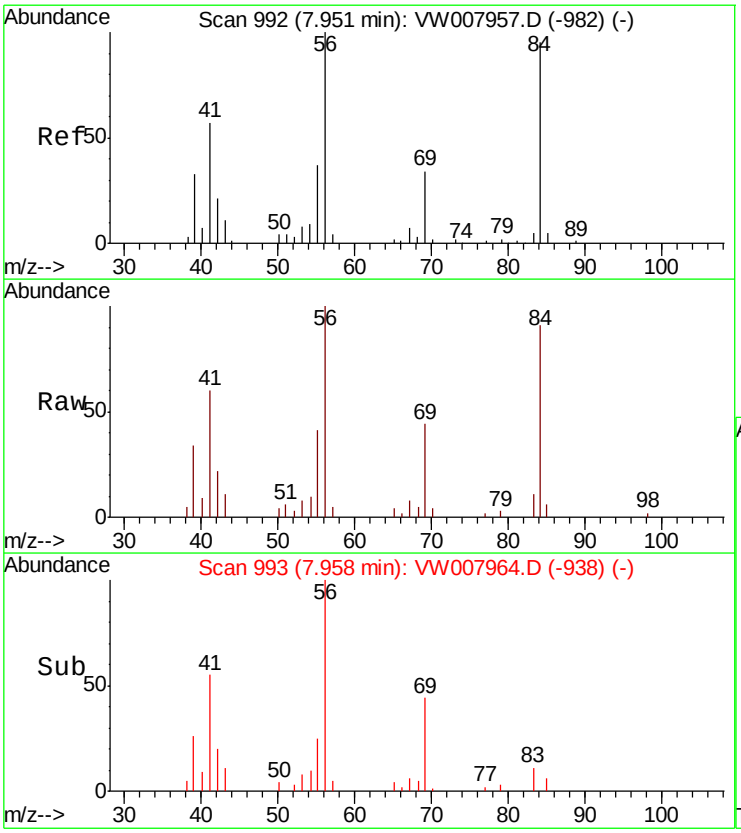
#13
Acetone
Concen: 13.413 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 43 Resp: 6092

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	58.6

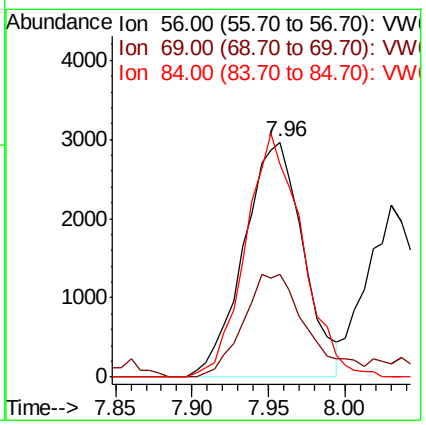


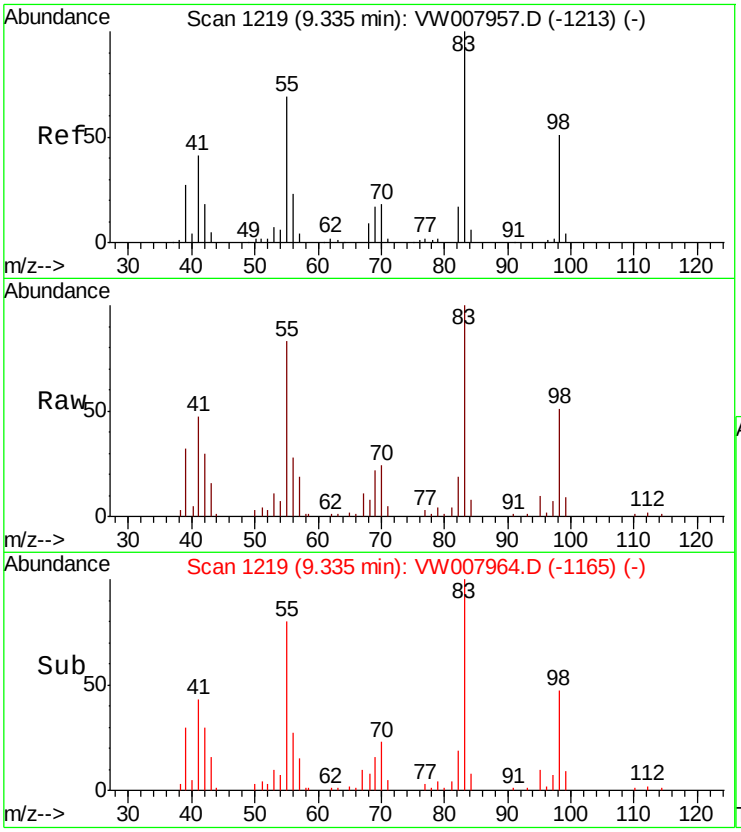


#30
Cyclohexane
Concen: 3.829 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 56 Resp: 8039

Ion	Ratio	Lower	Upper
56	100		
69	44.2	26.2	39.4#
84	98.1	74.3	111.5



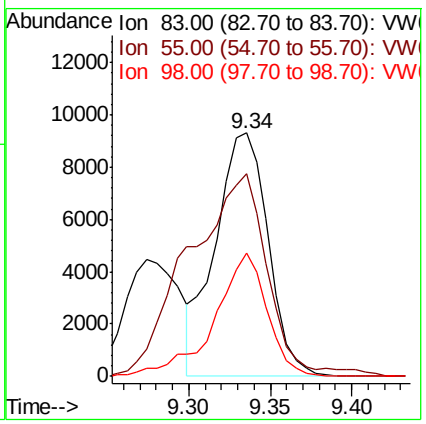


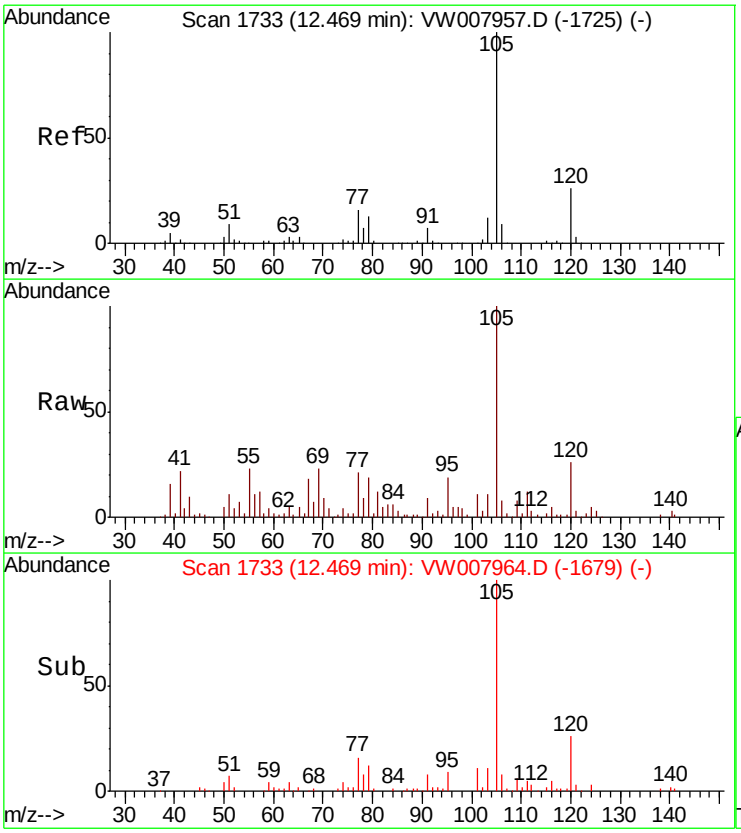
#36
Methylcyclohexane
Concen: 8.265 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 83 Resp: 21029

Ion	Ratio	Lower	Upper
83	100		
55	122.7	59.4	89.0#
98	45.0	38.2	57.2





#57
Isopropylbenzene
Concen: 5.251 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion:105 Resp: 34893

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	18.5	12.4	18.6