Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009484.D
Acq On : 27 Mar 2019 01:00
Operator : SY/VA
Sample : K2065-20
Misc : 6.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5L9

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:33 PM

Quant Time: Mar 27 09:05:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	268745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101345	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	51352	15.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.56%			
7) Chloroethane-d5	2.89	69	61892	16.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.44%			
10) 1,1-Dichloroethene-d2	4.02	63	90118m	12.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.80%			
20) 2-Butanone-d5	7.08	46	62917	46.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.66%			
24) Chloroform-d	7.64	84	170793	22.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.08%			
26) 1,2-Dichloroethane-d4	8.31	65	109333	24.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.80%			
29) Benzene-d6	8.27	84	281035	18.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.84%			
33) 1,2-Dichloropropane-d6	9.27	67	100973	22.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.72%			
37) Toluene-d8	10.32	98	232767	16.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.96%			
38) trans-1,3-Dichloropropene-	10.58	79	39705	17.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.04%			
39) 2-Hexanone-d5	10.93	63	42358	39.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.58%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94073	21.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.84%			
61) 1,2-Dichlorobenzene-d4	13.85	152	83504	21.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.96%			
Target Compounds						Qvalue
13) Acetone	4.12	43	10040	9.015	ug/L	56
16) Methylene chloride	4.90	84	15428m	3.850	ug/L	

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

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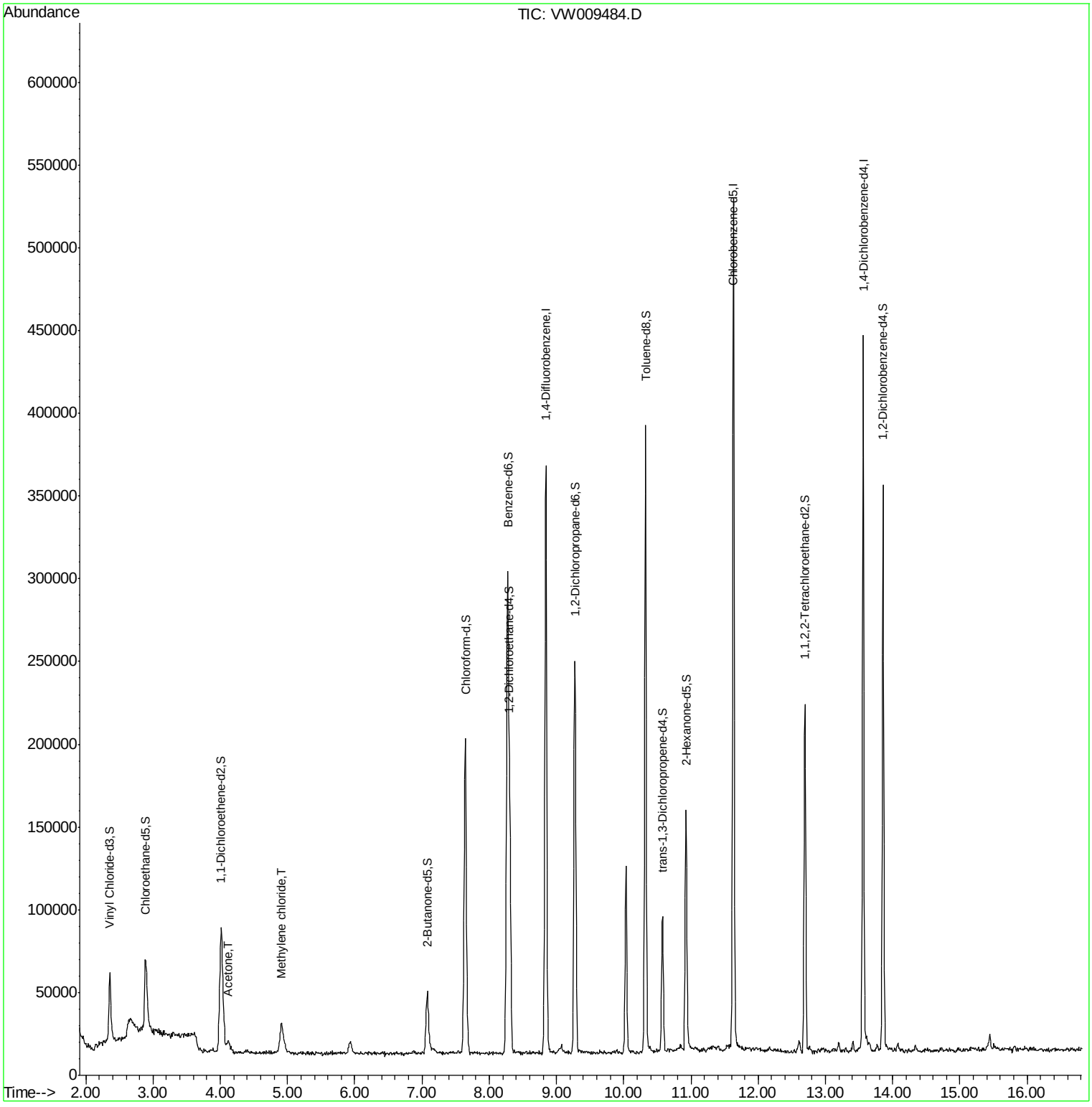
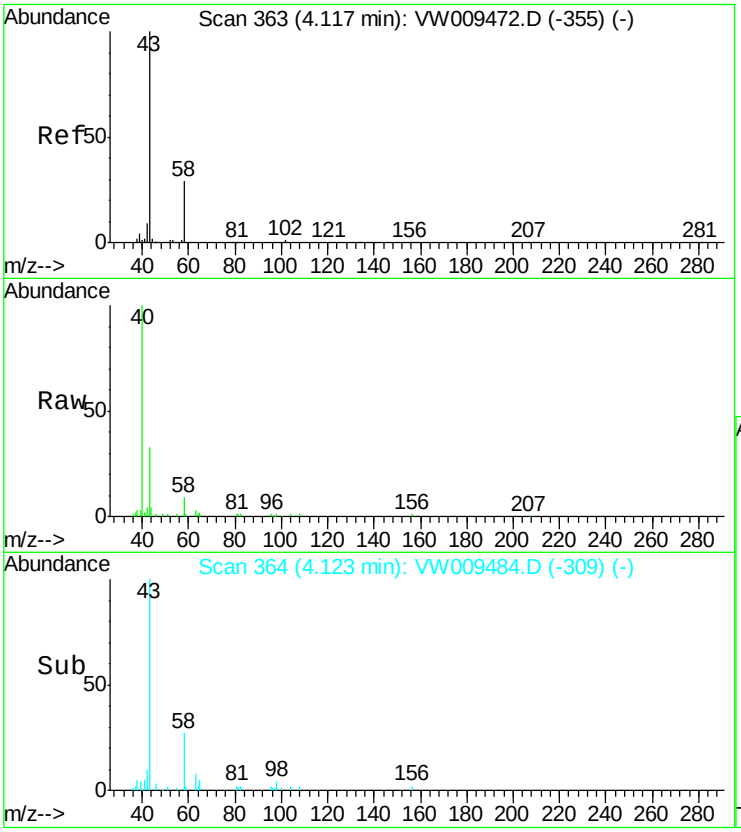
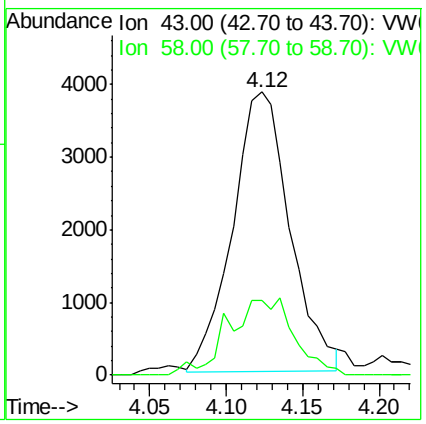




#13
Acetone
Concen: 9.015 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009484.D
Acq: 27 Mar 2019 01:00

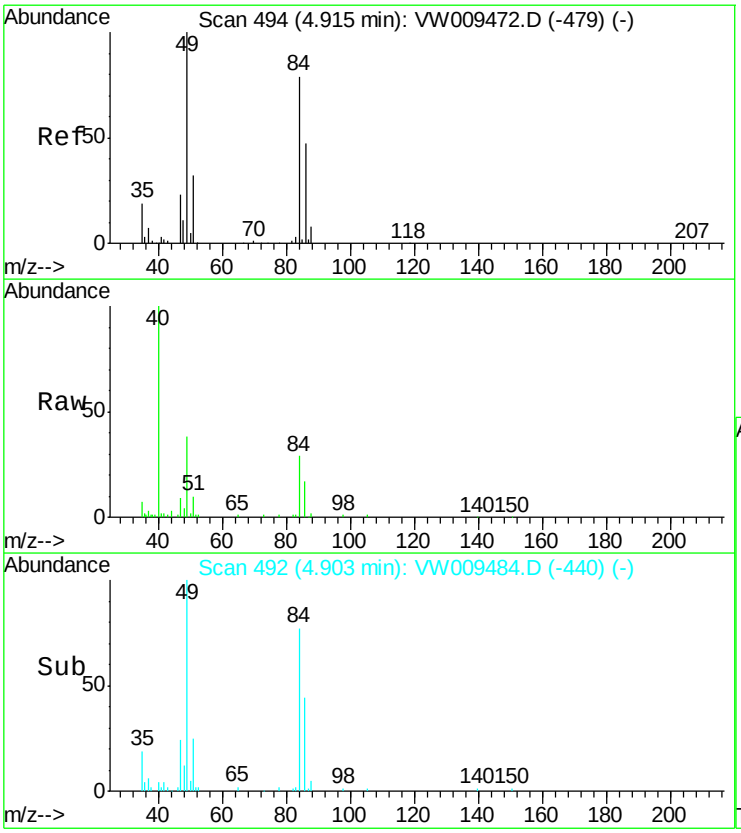
Tgt Ion: 43 Resp: 10040

Ion	Ratio	Lower	Upper
43	100		
58	4.7	0.0	56.2



Instrument :
MSVOA_W
ClientSampleId :
BF5L9

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:33 PM



#16
Methylene chloride
Concen: 3.850 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009484.D
Acq: 27 Mar 2019 01:00

Tgt Ion: 84 Resp: 15428

Ion	Ratio	Lower	Upper
84	100		
49	129.9	96.0	178.2
86	57.0	44.4	82.5