Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009489.D
Acq On : 27 Mar 2019 03:16
Operator : SY/VA
Sample : K2065-16
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P8

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:37:44 PM

Quant Time: Mar 27 09:23:38 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	302167	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110722	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	60095	16.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.56%			
7) Chloroethane-d5	2.89	69	71283	16.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.48%			
10) 1,1-Dichloroethene-d2	4.01	63	103484	13.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.04%			
20) 2-Butanone-d5	7.07	46	62269	41.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.40%			
24) Chloroform-d	7.64	84	190592	23.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.44%			
26) 1,2-Dichloroethane-d4	8.30	65	120360	24.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%			
29) Benzene-d6	8.27	84	320384	20.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.48%			
33) 1,2-Dichloropropane-d6	9.27	67	112726	23.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.44%			
37) Toluene-d8	10.32	98	263343	18.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.40%			
38) trans-1,3-Dichloropropene-	10.57	79	42748	18.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.04%			
39) 2-Hexanone-d5	10.93	63	42324	36.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105445	22.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.64%			
61) 1,2-Dichlorobenzene-d4	13.85	152	91539	21.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.24%			
Target Compounds						Qvalue
13) Acetone	4.13	43	5964m	4.870	ug/L	
16) Methylene chloride	4.92	84	15495m	3.516	ug/L	

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

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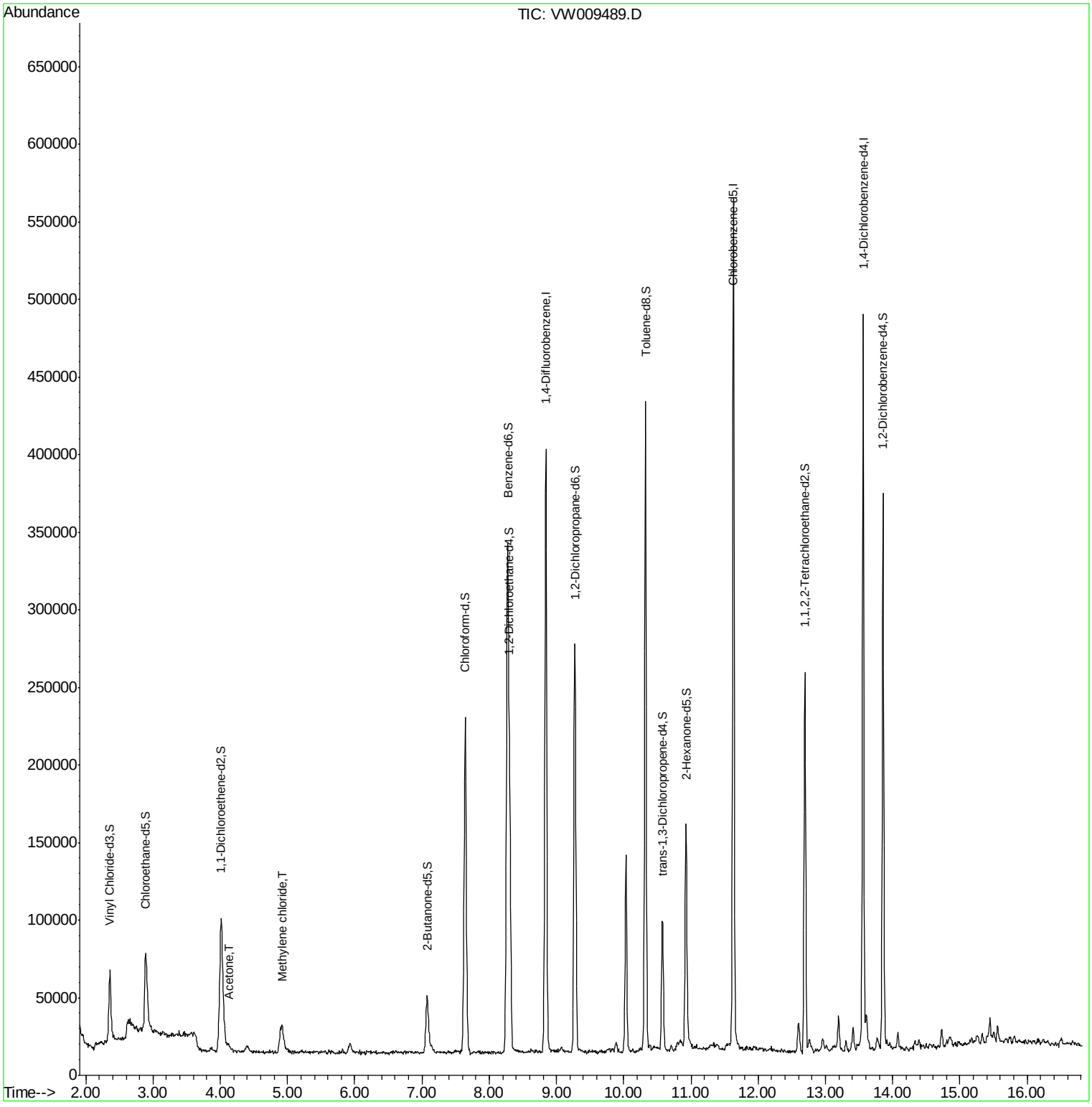
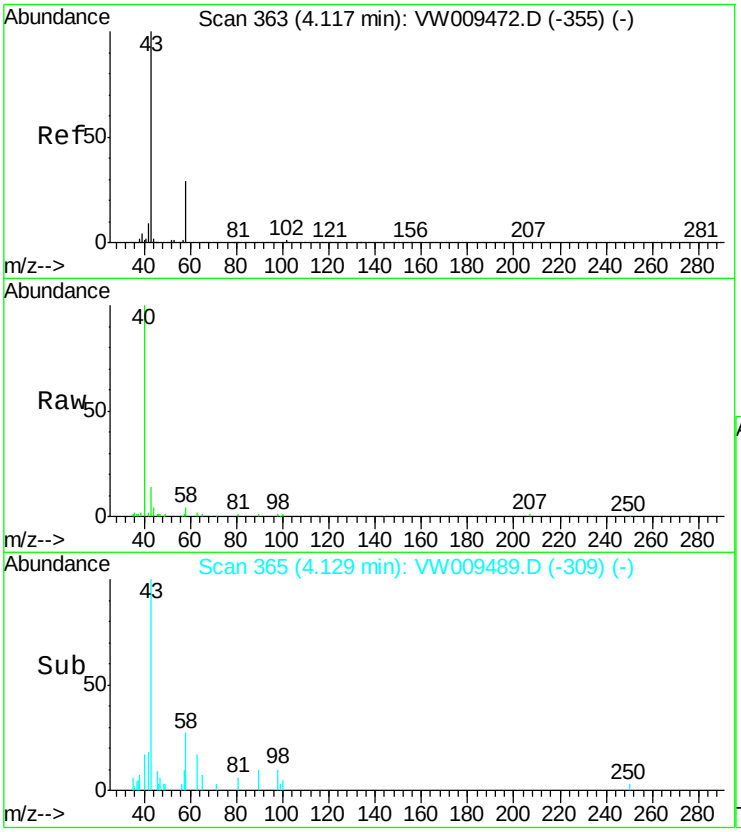
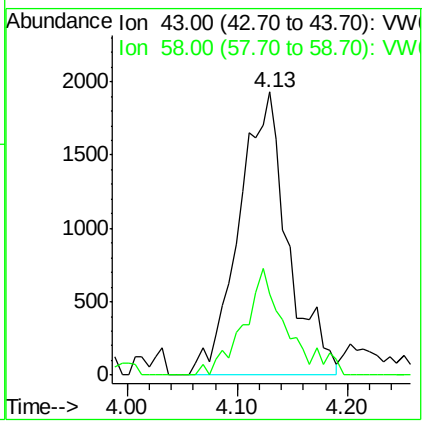




#13
Acetone
Concen: 4.870 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009489.D
Acq: 27 Mar 2019 03:16

Tgt Ion: 43 Resp: 5964

Ion	Ratio	Lower	Upper
43	100		
58	2.4	0.0	56.2



Instrument :
MSVOA_W
ClientSampleId :
BF5P8

Manual Integrations APPROVED
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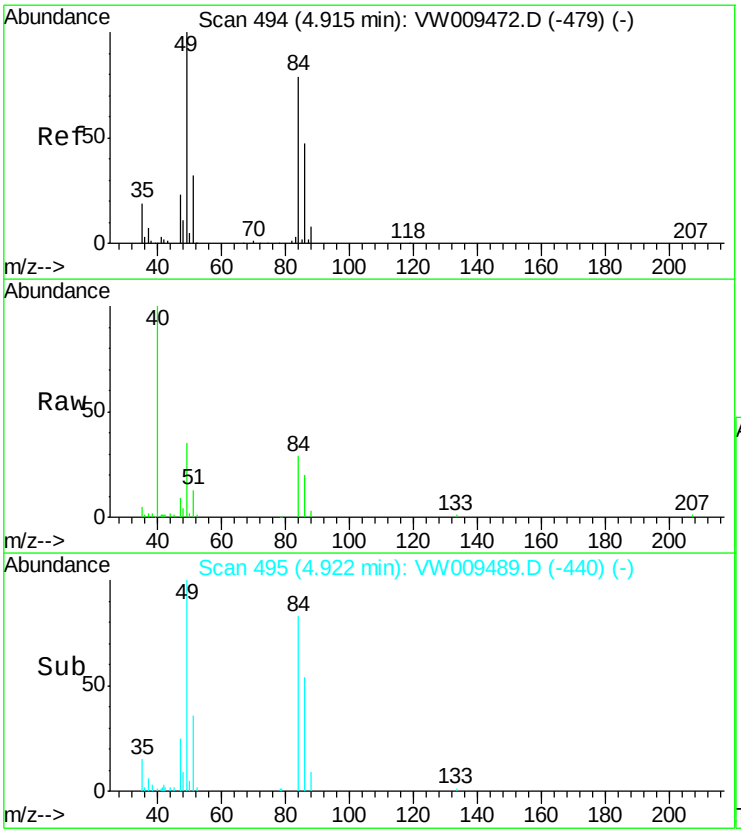

#16
Methylene chloride
Concen: 3.516 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009489.D
Acq: 27 Mar 2019 03:16

Tgt Ion: 84 Resp: 15495

Ion	Ratio	Lower	Upper
84	100		
49	120.9	96.0	178.2
86	67.0	44.4	82.5