Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\
Data File : VV010084.D
Acq On : 03 Apr 2019 03:11
Operator : SY/MD
Sample : K2148-22
Misc : 5.88G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5H2

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:02:20 AM

Quant Time: Apr 03 09:02:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	259665	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	239425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77772	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	65706	18.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.60%			
7) Chloroethane-d5	1.57	69	106203	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.40%			
10) 1,1-Dichloroethene-d2	2.12	63	133730	15.25	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.00%			
20) 2-Butanone-d5	3.95	46	19748m	19.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 39.92%			
24) Chloroform-d	4.40	84	163890	25.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.08	65	98257	26.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.40%			
29) Benzene-d6	5.09	84	329690	26.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.20%			
33) 1,2-Dichloropropane-d6	6.12	67	99755	27.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.88%			
37) Toluene-d8	7.36	98	279325	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
38) trans-1,3-Dichloropropene-	7.66	79	28455	18.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.68%			
39) 2-Hexanone-d5	8.14	63	12743	17.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 34.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78752	21.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	78339	25.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.44%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2217	2.267	ug/L	71
16) Methylene chloride	2.53	84	12724	2.789	ug/L	89

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

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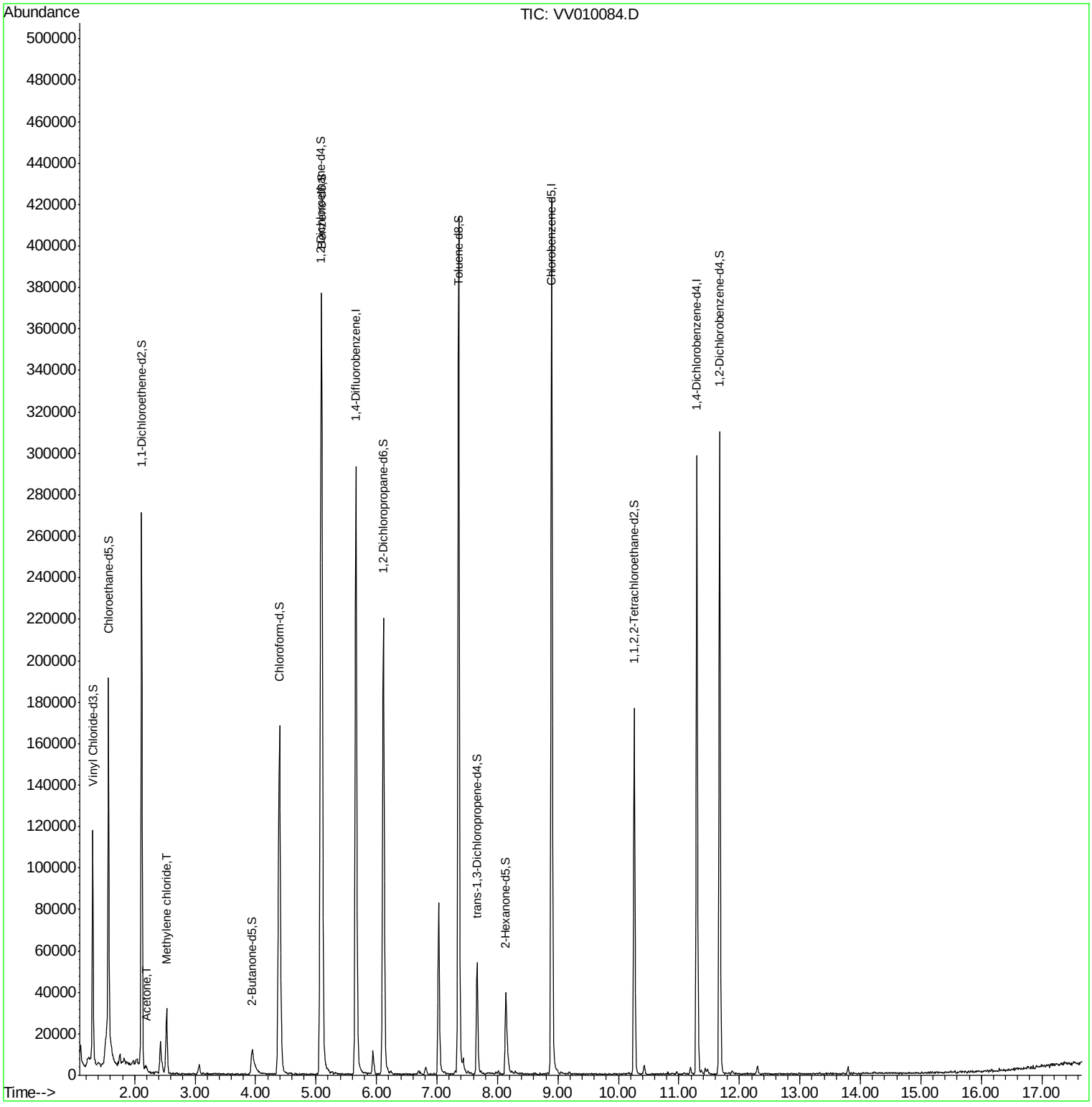
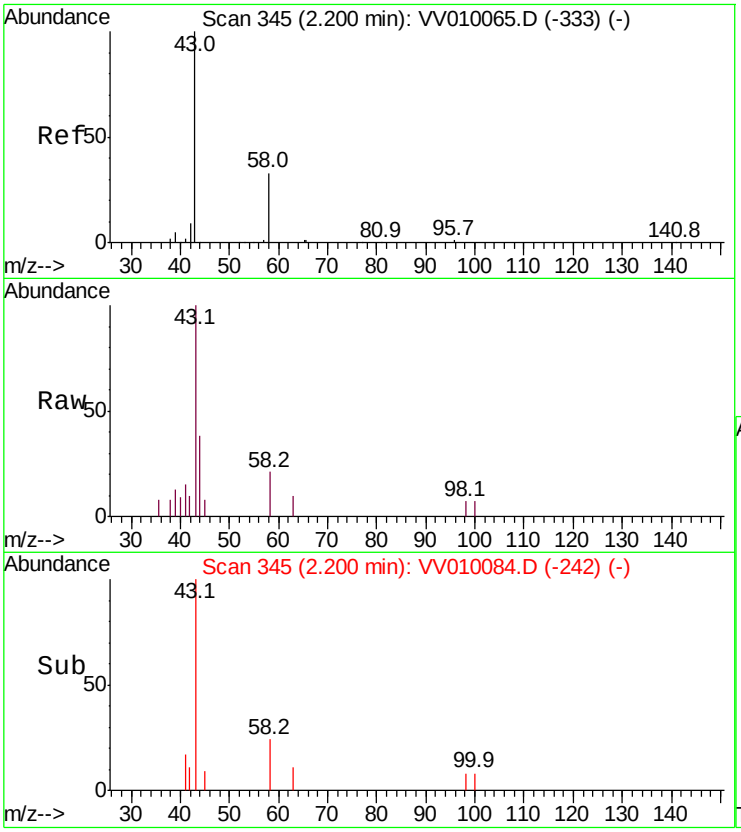
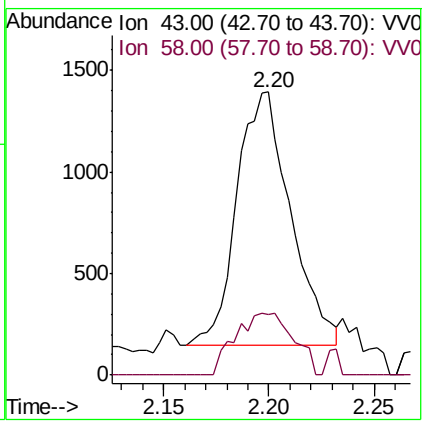




#13
Acetone
Concen: 2.267 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV010084.D
Acq: 03 Apr 2019 03:11

Tgt Ion: 43 Resp: 2217

Ion	Ratio	Lower	Upper
43	100		
58	15.8	0.0	64.6



Instrument :
MSVOA_V
ClientSampleId :
BF5H2

Manual Integrations APPROVED
MMDadoda
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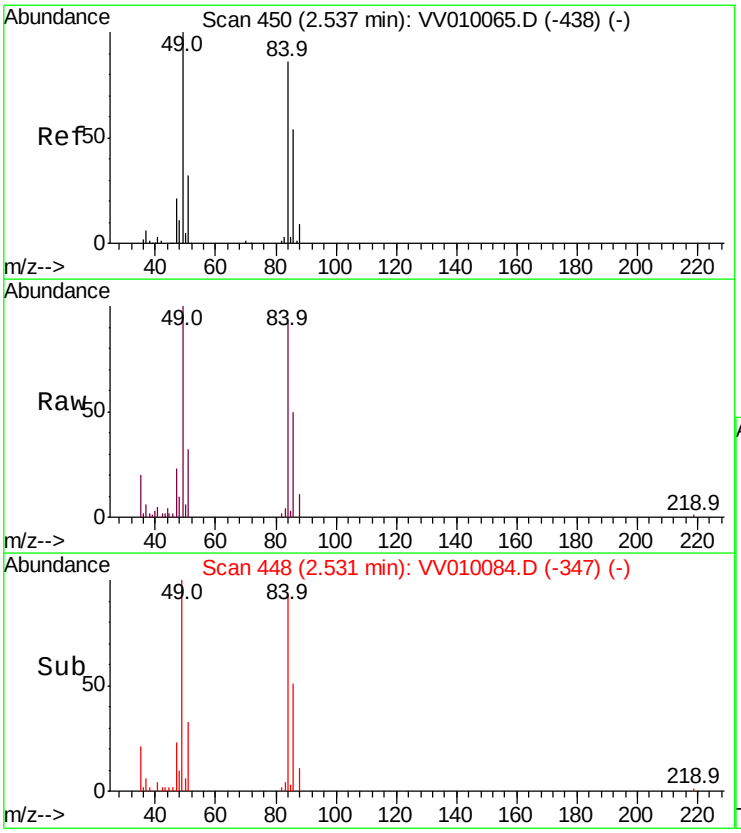

#16
Methylene chloride
Concen: 2.789 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010084.D
Acq: 03 Apr 2019 03:11

Tgt Ion: 84 Resp: 12724

Ion	Ratio	Lower	Upper
84	100		
49	109.3	84.3	156.5
86	54.8	45.4	84.2