Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\
Data File : VV010082.D
Acq On : 03 Apr 2019 02:19
Operator : SY/MD
Sample : K2148-20
Misc : 5.61G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 08:16:22 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

Instrument : MSVOA_V
ClientSampleId : BF5H0

Manual Integrations APPROVED
MMDadoda
4/6/2019 5:03:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	209077	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86455	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	42193	15.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.28%			
7) Chloroethane-d5	1.57	69	62565	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.00%			
10) 1,1-Dichloroethene-d2	2.13	63	92003	13.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.12%			
20) 2-Butanone-d5	3.96	46	4232m	5.31	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 10.62%#			
24) Chloroform-d	4.40	84	123447	23.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.76%			
26) 1,2-Dichloroethane-d4	5.08	65	79547	26.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.96%			
29) Benzene-d6	5.10	84	246424	22.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.96%			
33) 1,2-Dichloropropane-d6	6.12	67	81605	25.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.04%			
37) Toluene-d8	7.36	98	219754	21.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.20%			
38) trans-1,3-Dichloropropene-	7.67	79	14218	10.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 41.60%			
39) 2-Hexanone-d5	8.14	63	3037	4.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 9.46%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73467	23.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	80657	23.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2774	3.523	ug/L	84
16) Methylene chloride	2.54	84	10647	2.898	ug/L	95

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

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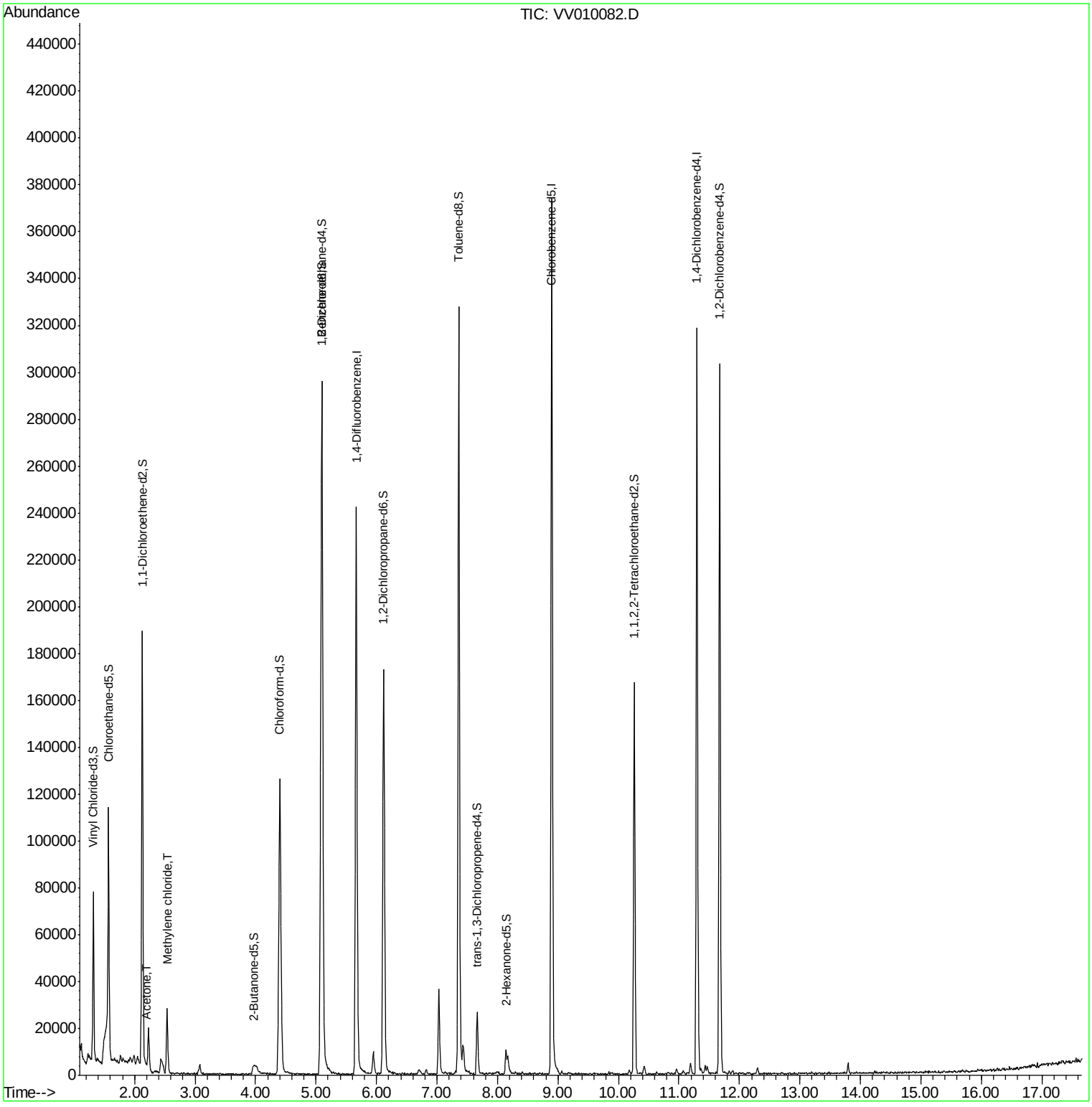
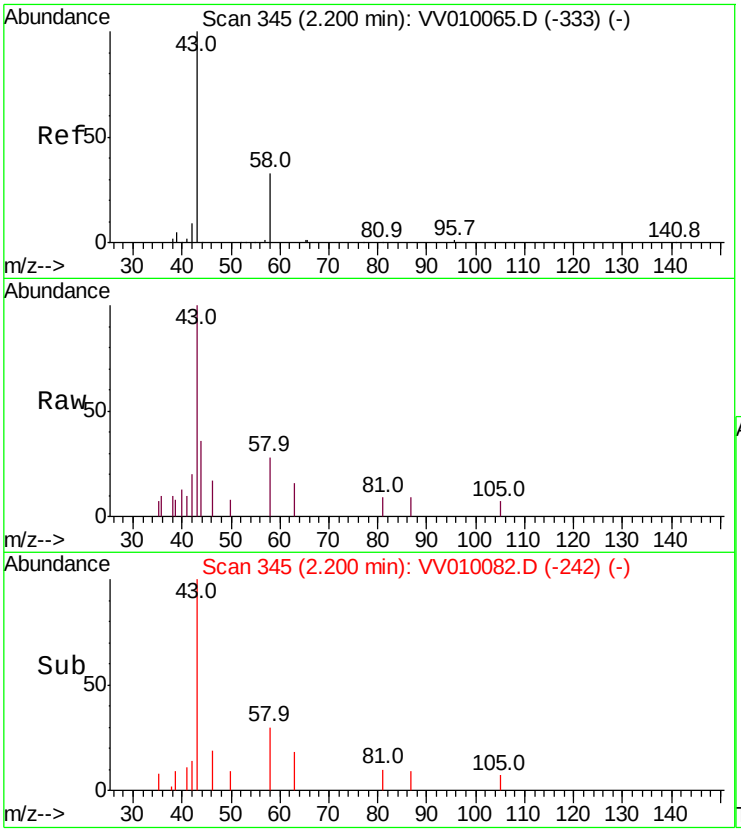
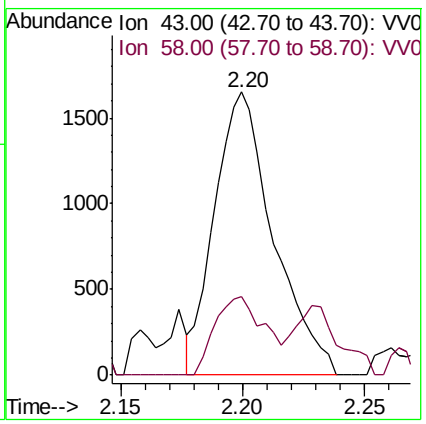




#13
Acetone
Concen: 3.523 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.00 min
Lab File: VV010082.D
Acq: 03 Apr 2019 02:19

Tgt Ion: 43 Resp: 2774

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	64.6



Instrument :
MSVOA_V
ClientSampleId :
BF5H0

Manual Integrations APPROVED
MMDadoda
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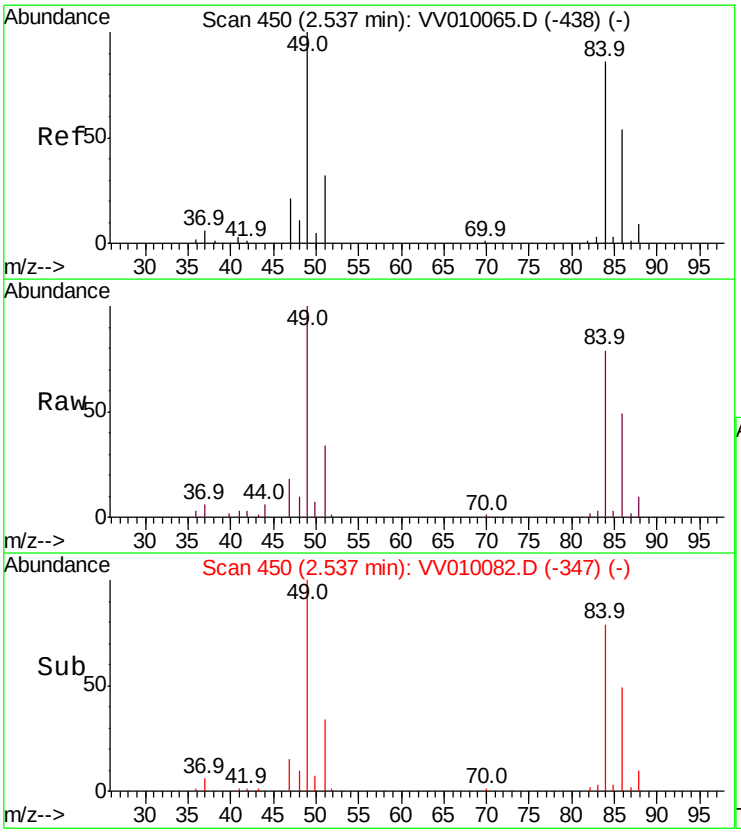

#16
Methylene chloride
Concen: 2.898 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010082.D
Acq: 03 Apr 2019 02:19

Tgt Ion: 84 Resp: 10647

Ion	Ratio	Lower	Upper
84	100		
49	126.9	84.3	156.5
86	62.1	45.4	84.2