Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\
Data File : VV010070.D
Acq On : 02 Apr 2019 21:05
Operator : SY/MD
Sample : K2148-06
Misc : 4.61G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3

Manual Integrations APPROVED
sam
4/5/2019 3:44:16 PM

Quant Time: Apr 03 08:56:22 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82930	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	67141	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17277	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	11340	10.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 40.84%			
7) Chloroethane-d5	1.58	69	25833	18.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.92%			
10) 1,1-Dichloroethene-d2	2.13	63	27529	9.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 39.32%#			
20) 2-Butanone-d5	3.96	46	5209m	16.49	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 32.98%			
24) Chloroform-d	4.40	84	61658	29.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 118.04%			
26) 1,2-Dichloroethane-d4	5.08	65	40315	34.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 137.96%#			
29) Benzene-d6	5.10	84	109288	31.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 125.56%			
33) 1,2-Dichloropropane-d6	6.12	67	45099	43.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 175.56%#			
37) Toluene-d8	7.36	98	81314	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.96%			
38) trans-1,3-Dichloropropene-	7.67	79	6591	15.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 60.00%			
39) 2-Hexanone-d5	8.14	63	5389	26.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40495	39.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 159.84%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	20309	30.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 120.72%#			
Target Compounds						Qvalue
13) Acetone	2.20	43	2705	8.660	ug/L	72
16) Methylene chloride	2.54	84	8157	5.598	ug/L	93

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

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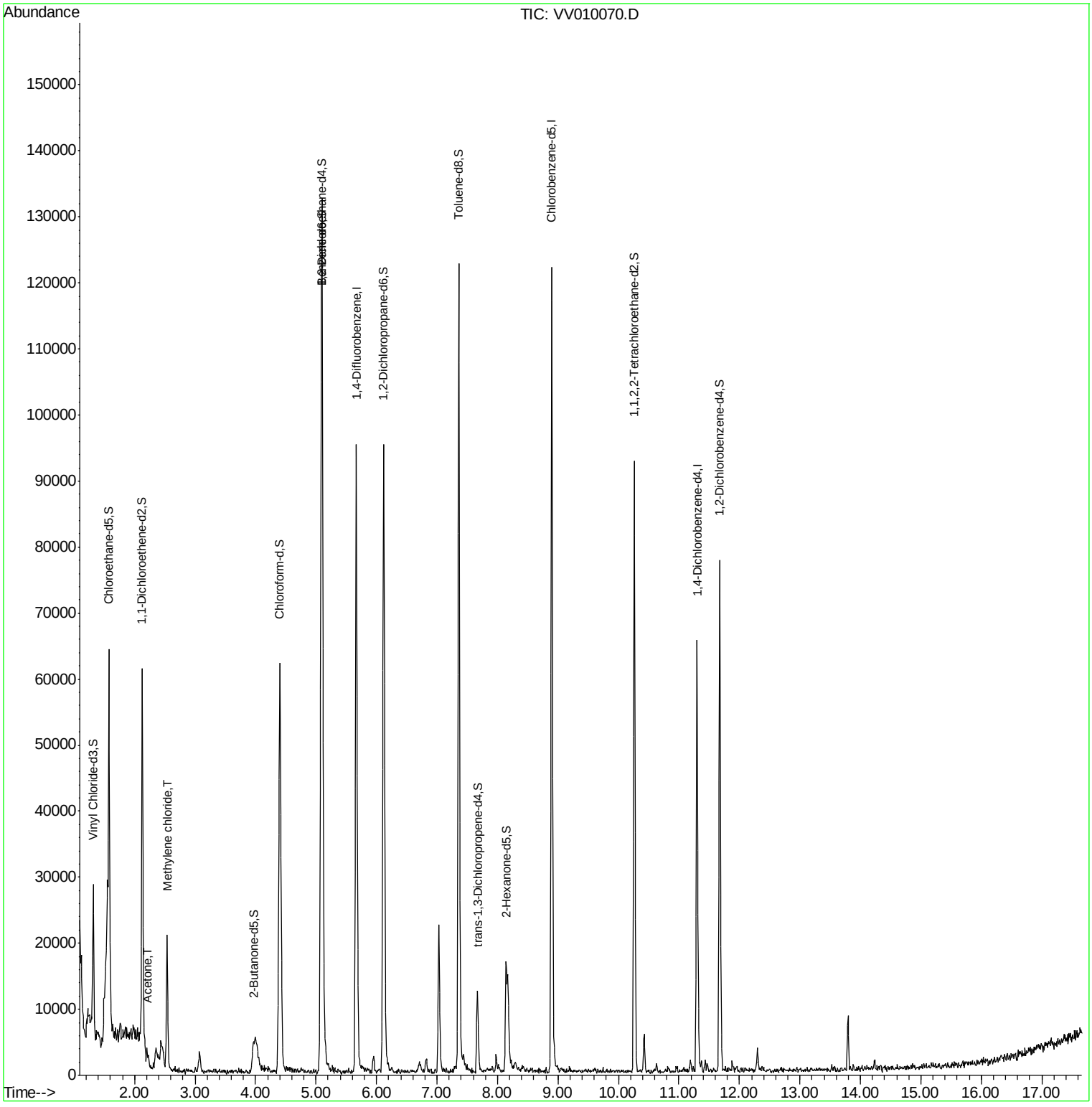
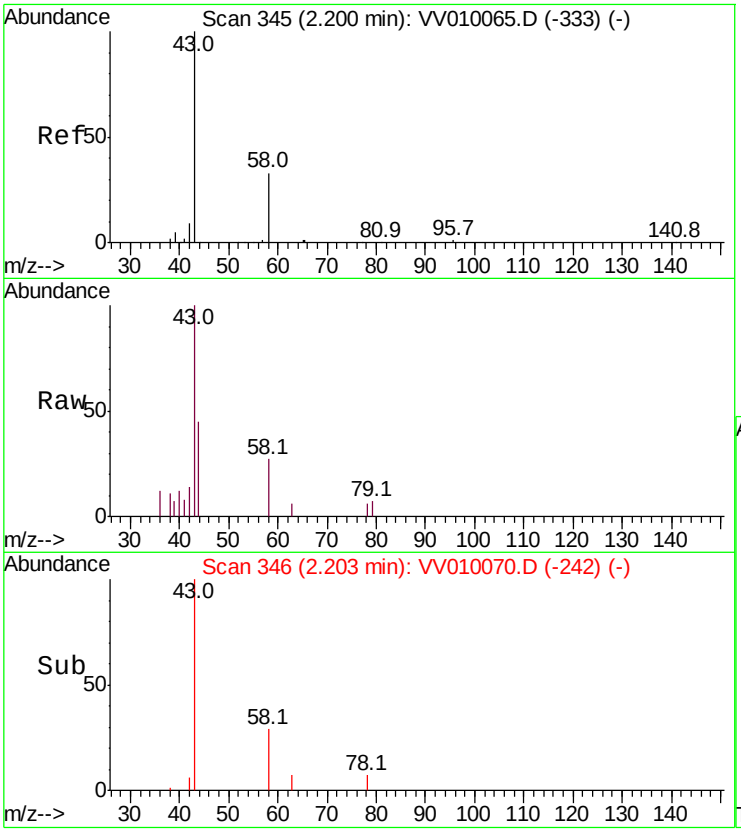




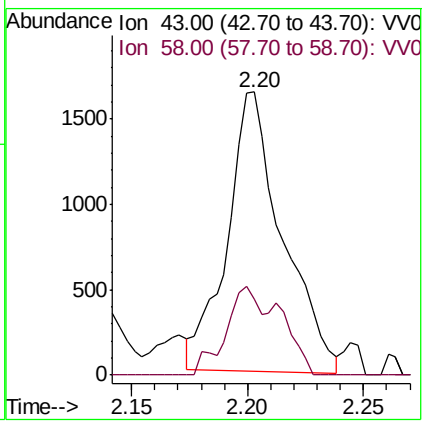
#13
Acetone
Concen: 8.660 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV010070.D
Acq: 02 Apr 2019 21:05

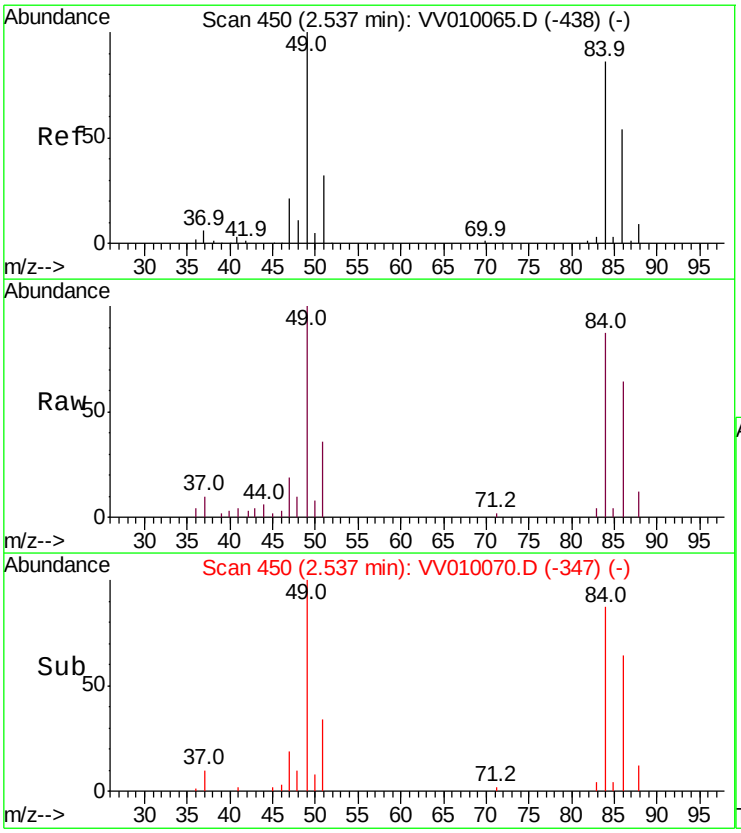
Tgt Ion: 43 Resp: 2705

Ion	Ratio	Lower	Upper
43	100		
58	16.7	0.0	64.6

Instrument :
MSVOA_V
ClientSampleId :
BF5G3

Manual Integrations APPROVED
sam
4/5/2019 3:44:16 PM





#16
Methylene chloride
Concen: 5.598 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010070.D
Acq: 02 Apr 2019 21:05

Tgt Ion: 84 Resp: 8157

Ion	Ratio	Lower	Upper
84	100		
49	115.3	84.3	156.5
86	73.9	45.4	84.2