Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\
Data File : VV010069.D
Acq On : 02 Apr 2019 20:39
Operator : SY/MD
Sample : K2148-05
Misc : 6.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F6

Manual Integrations APPROVED
sam
4/5/2019 3:44:12 PM

Quant Time: Apr 03 07:15:43 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	166470	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171261	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74380	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31797	14.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.08%			
7) Chloroethane-d5	1.58	69	40283	14.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.20%			
10) 1,1-Dichloroethene-d2	2.13	63	71111	12.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.60%			
20) 2-Butanone-d5	3.95	46	17810m	28.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.16%			
24) Chloroform-d	4.40	84	110438	26.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.32%			
26) 1,2-Dichloroethane-d4	5.08	65	69220	29.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.00%			
29) Benzene-d6	5.10	84	217400	24.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.92%			
33) 1,2-Dichloropropane-d6	6.12	67	71111	27.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.52%			
37) Toluene-d8	7.36	98	194941	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.12%			
38) trans-1,3-Dichloropropene-	7.67	79	22255	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.44%			
39) 2-Hexanone-d5	8.14	63	11906	22.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 45.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62195	24.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.24%			
61) 1,2-Dichlorobenzene-d4	11.67	152	78716	27.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.68%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2203	3.514	ug/L	85
16) Methylene chloride	2.54	84	12269	4.195	ug/L	93

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

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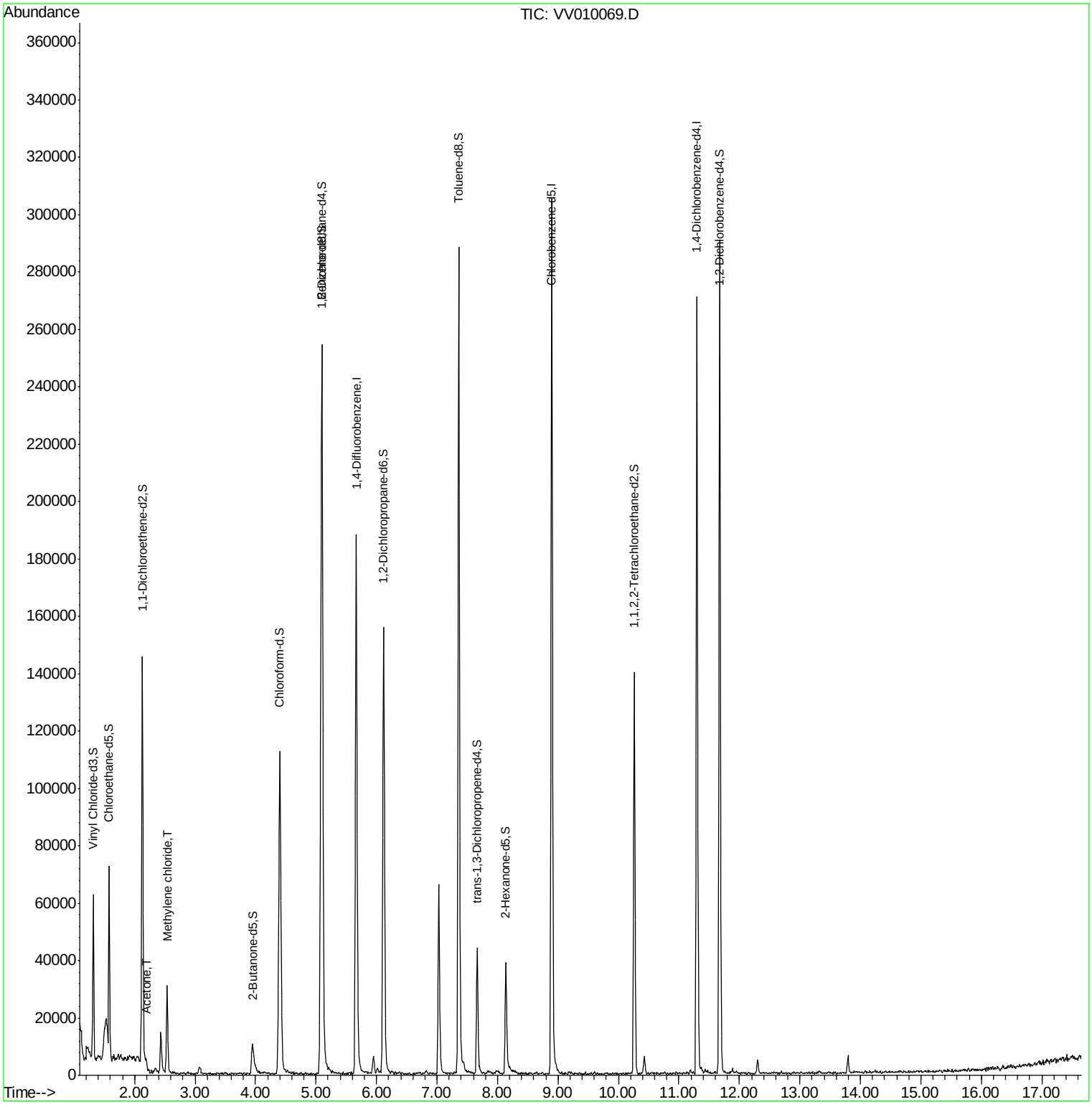
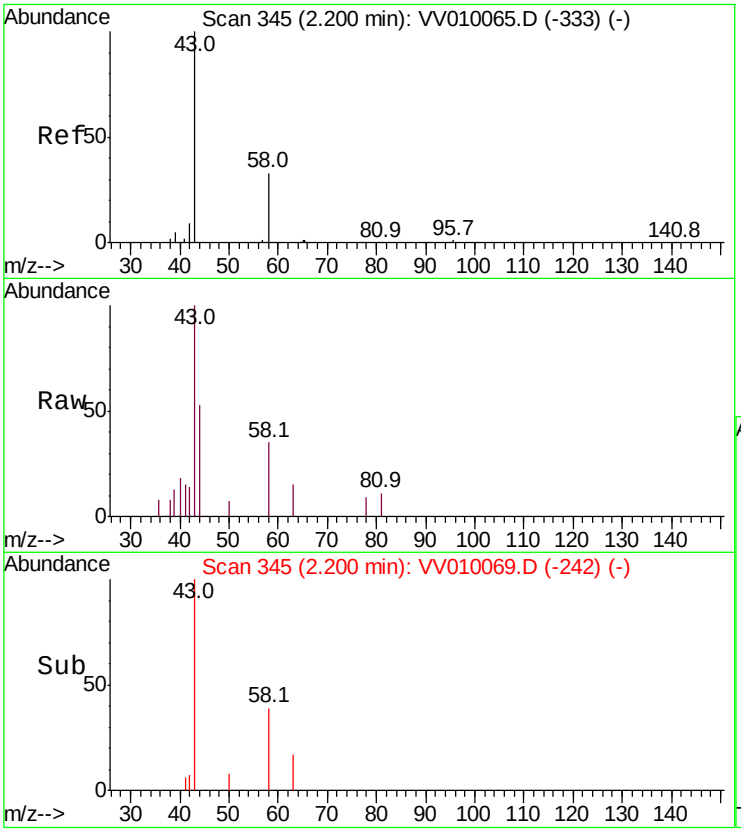




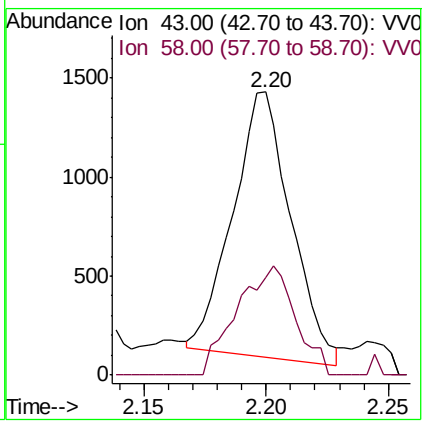
#13
Acetone
Concen: 3.514 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV010069.D
Acq: 02 Apr 2019 20:39

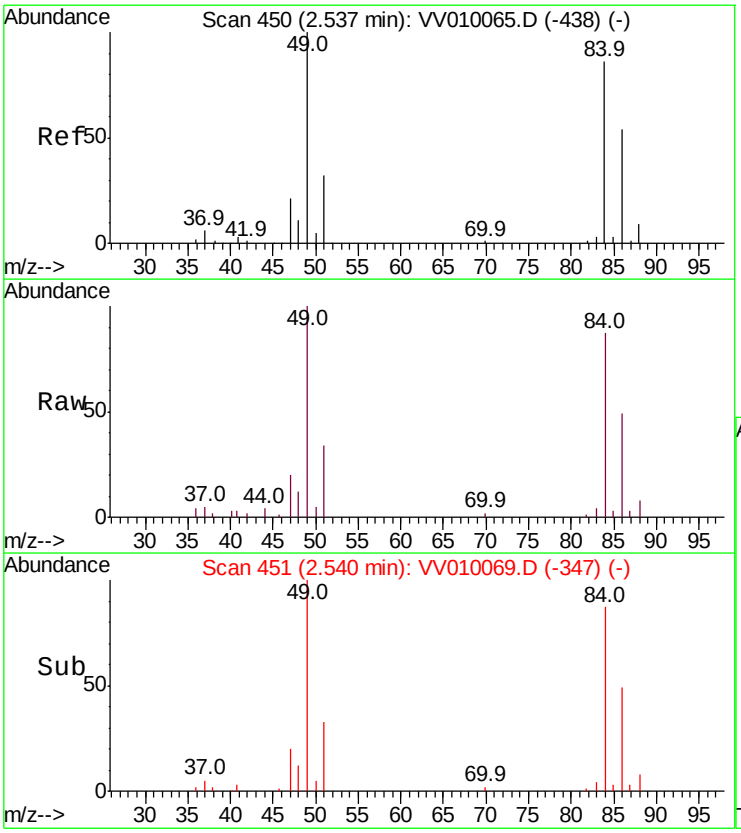
Tgt Ion: 43 Resp: 2203

Ion	Ratio	Lower	Upper
43	100		
58	40.6	0.0	64.6

Instrument :
MSVOA_V
ClientSampleId :
BF5F6

Manual Integrations APPROVED
sam
4/5/2019 3:44:12 PM





#16
Methylene chloride
Concen: 4.195 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010069.D
Acq: 02 Apr 2019 20:39

Tgt Ion: 84 Resp: 12269

Ion	Ratio	Lower	Upper
84	100		
49	115.3	84.3	156.5
86	55.9	45.4	84.2