Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009976.D
Acq On : 28 Mar 2019 19:49
Operator : SY/MD
Sample : K2085-11RE
Misc : 5.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7T6RE

Manual Integrations APPROVED
MMDadoda
3/30/2019 12:41:03 AM

Quant Time: Mar 29 05:31:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	52953	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	53771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19609	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27245	25.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.40%			
7) Chloroethane-d5	1.58	69	30206	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.12%			
10) 1,1-Dichloroethene-d2	2.13	63	58283	19.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.32%			
20) 2-Butanone-d5	3.93	46	13234m	66.09	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.18%			
24) Chloroform-d	4.40	84	37821	28.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.12%			
26) 1,2-Dichloroethane-d4	5.08	65	26041	32.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.28%			
29) Benzene-d6	5.10	84	76402	27.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.24%			
33) 1,2-Dichloropropane-d6	6.12	67	24156	29.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.96%			
37) Toluene-d8	7.36	98	62406	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
38) trans-1,3-Dichloropropene-	7.66	79	7611	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.08%			
39) 2-Hexanone-d5	8.13	63	7166	46.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.94%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	22890	27.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.92%			
61) 1,2-Dichlorobenzene-d4	11.68	152	19429	26.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.08%			
Target Compounds						Qvalue
13) Acetone	2.18	43	1636m	5.396	ug/L	
16) Methylene chloride	2.53	84	3823	4.384	ug/L	88

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

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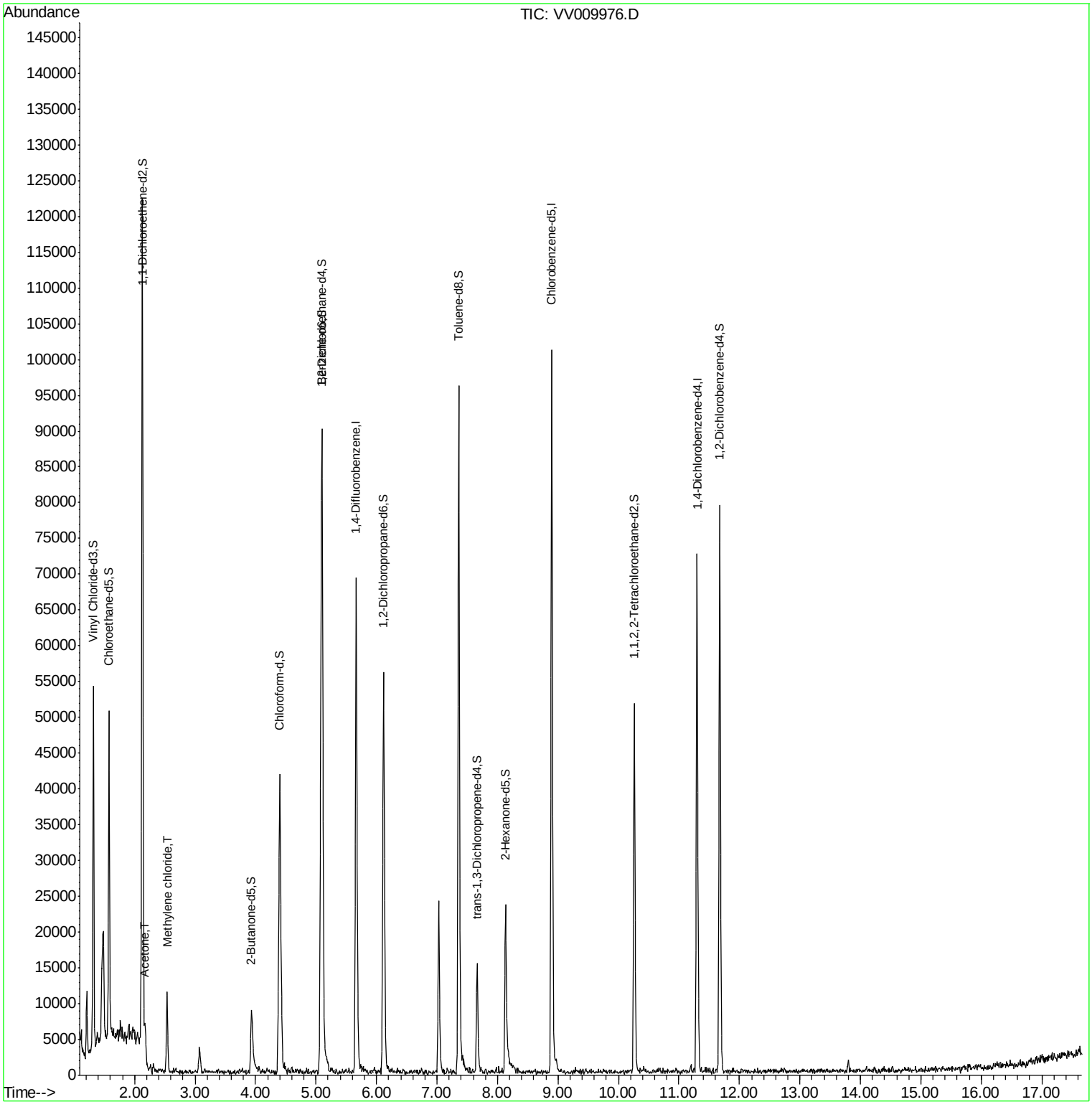

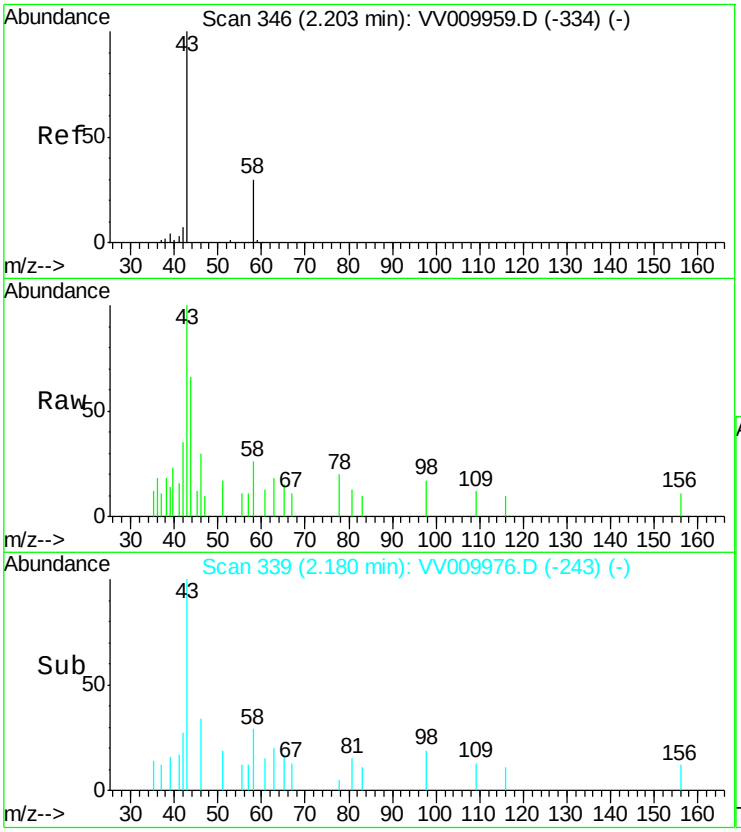

#13
Acetone
Concen: 5.396 ug/L m
RT: 2.18 min Scan# 339
Delta R.T. -0.02 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 43 Resp: 1636

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.0	59.4

Instrument :
MSVOA_V
ClientSampleId :
BF7T6RE

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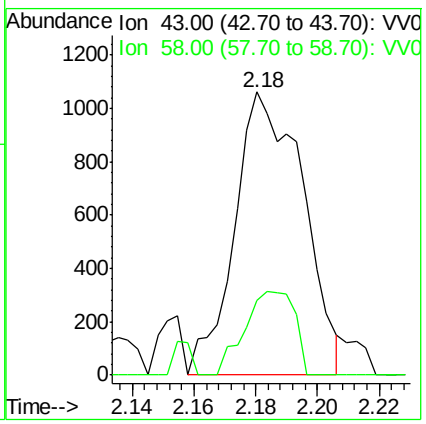

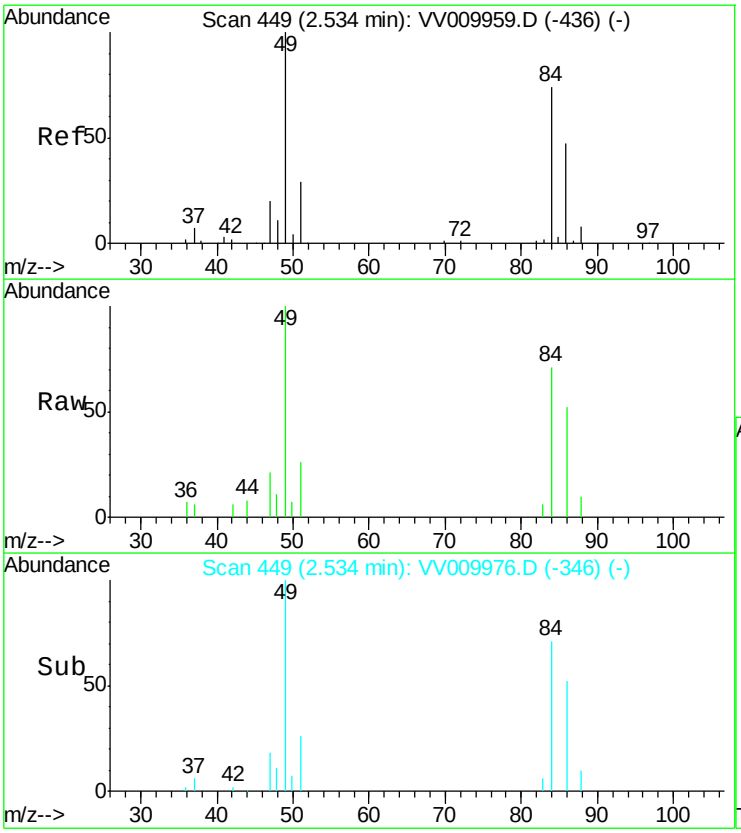

#16
Methylene chloride
Concen: 4.384 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009976.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 84 Resp: 3823

Ion	Ratio	Lower	Upper
84	100		
49	141.3	90.4	167.8
86	73.6	44.0	81.6