Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
Data File : VV010137.D
Acq On : 05 Apr 2019 17:56
Operator : SY/MD
Sample : K2168-14
Misc : 5.51G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF639

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:41 AM

Quant Time: Apr 06 02:21:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	105261	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56184	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	9481	6.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 26.92%#			
7) Chloroethane-d5	1.57	69	17661	10.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 40.36%			
10) 1,1-Dichloroethene-d2	2.13	63	26520	7.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 29.84%#			
20) 2-Butanone-d5	3.94	46	15715m	39.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.38%			
24) Chloroform-d	4.40	84	88245	33.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 133.12%			
26) 1,2-Dichloroethane-d4	5.08	65	81500	54.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 219.72%#			
29) Benzene-d6	5.10	84	156717	22.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.80%			
33) 1,2-Dichloropropane-d6	6.12	67	70477	34.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 139.88%#			
37) Toluene-d8	7.36	98	145113	22.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.20%			
38) trans-1,3-Dichloropropene-	7.66	79	22738	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.56%			
39) 2-Hexanone-d5	8.14	63	4545	11.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 22.48%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87662	44.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 176.40%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	69125	31.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 126.32%#			
Target Compounds						Qvalue
13) Acetone	2.19	43	4452	11.230	ug/L	95
16) Methylene chloride	2.53	84	16433	8.886	ug/L	92

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

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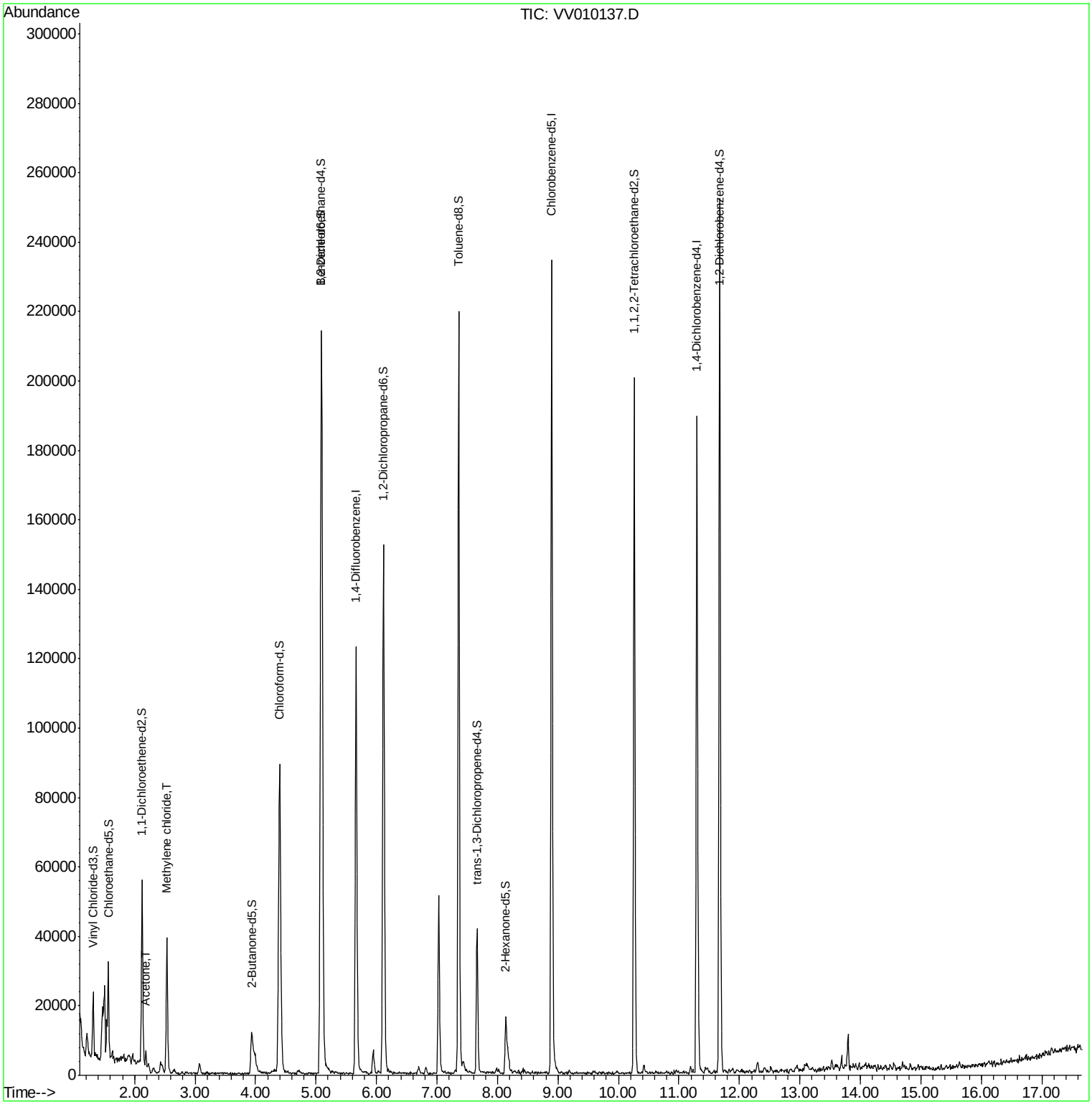
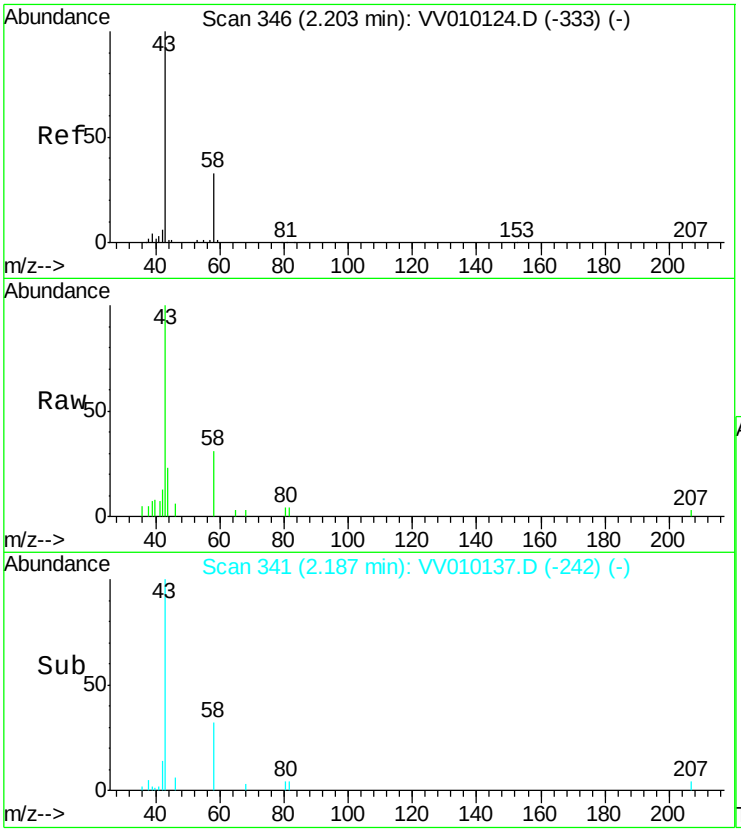
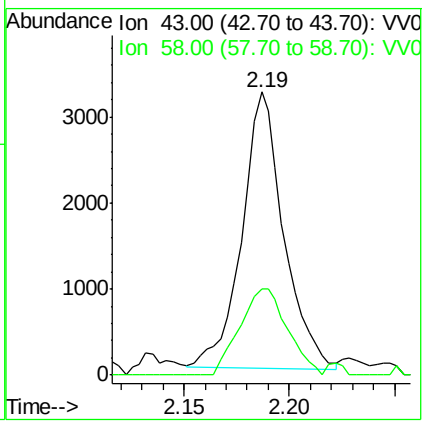




#13
Acetone
Concen: 11.230 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV010137.D
Acq: 05 Apr 2019 17:56

Tgt Ion: 43 Resp: 4452

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	64.6



Instrument :
MSVOA_V
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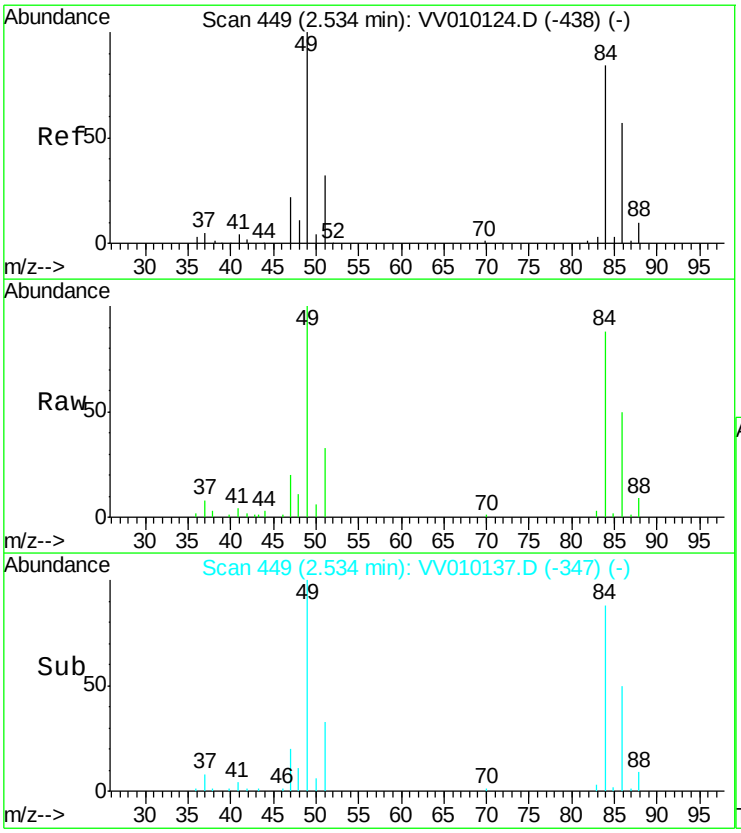

#16
Methylene chloride
Concen: 8.886 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010137.D
Acq: 05 Apr 2019 17:56

Tgt Ion: 84 Resp: 16433

Ion	Ratio	Lower	Upper
84	100		
49	113.5	84.3	156.5
86	56.3	45.4	84.2