Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Data File : VV010426.D
Acq On : 22 Apr 2019 22:07
Operator : SY/MD
Sample : K2456-14
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN4

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:41 AM

Quant Time: Apr 23 07:37:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390661	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	85819	15.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.76%			
7) Chloroethane-d5	1.58	69	78679	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.16%			
10) 1,1-Dichloroethene-d2	2.13	63	136780m	13.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.44%			
20) 2-Butanone-d5	3.93	46	57856	45.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.94%			
24) Chloroform-d	4.40	84	191950	20.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.44%			
26) 1,2-Dichloroethane-d4	5.08	65	127121	21.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.84%			
29) Benzene-d6	5.10	84	371083	21.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.72%			
33) 1,2-Dichloropropane-d6	6.12	67	116534	22.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.20%			
37) Toluene-d8	7.36	98	354138	19.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.52%			
38) trans-1,3-Dichloropropene-	7.66	79	50401	19.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.24%			
39) 2-Hexanone-d5	8.13	63	43991	42.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.72%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	103273	20.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.04%			
61) 1,2-Dichlorobenzene-d4	11.67	152	152527	21.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3391	2.514	ug/L	85
16) Methylene chloride	2.53	84	20636	3.602	ug/L	97

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

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GAHN4

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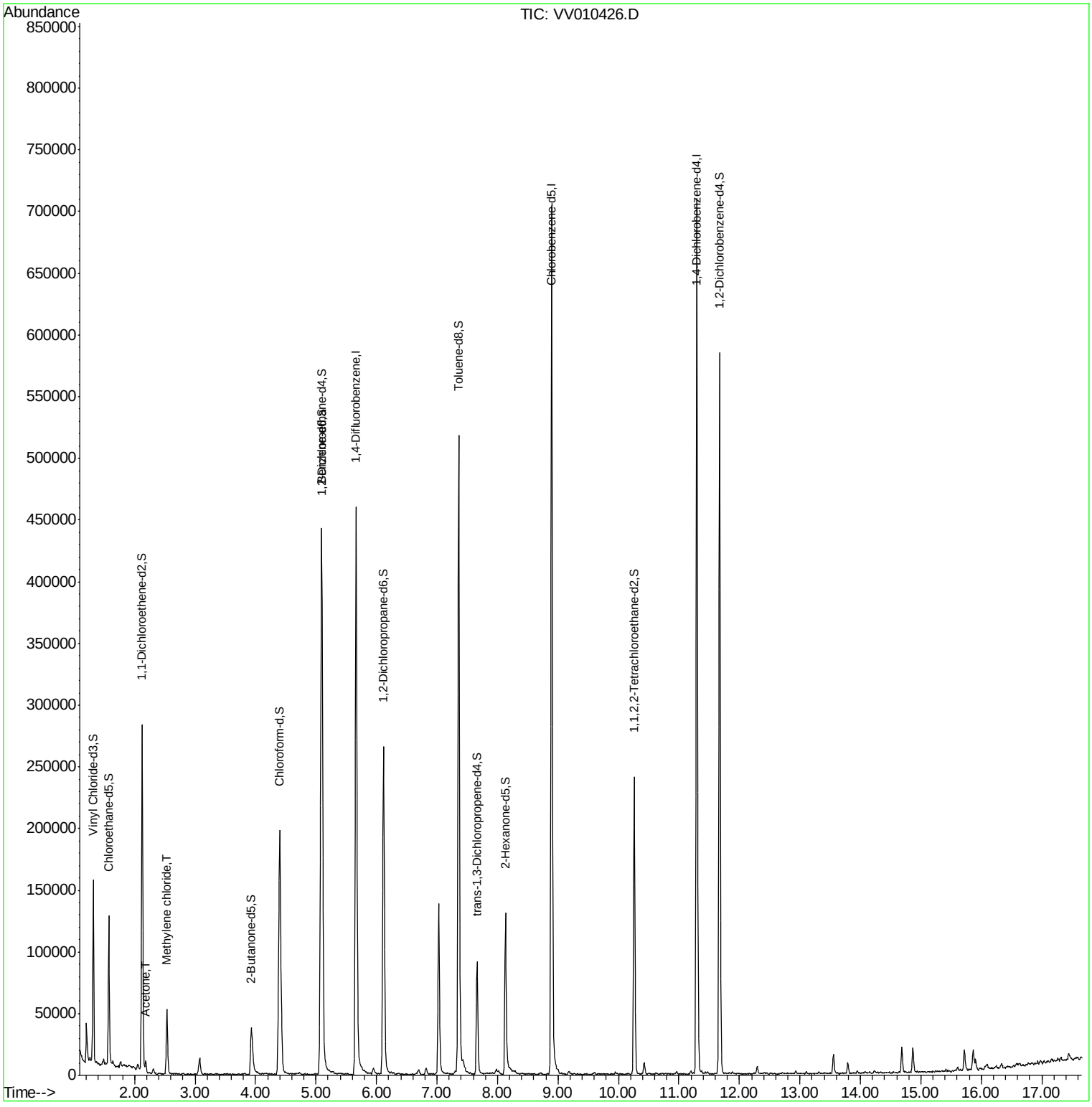
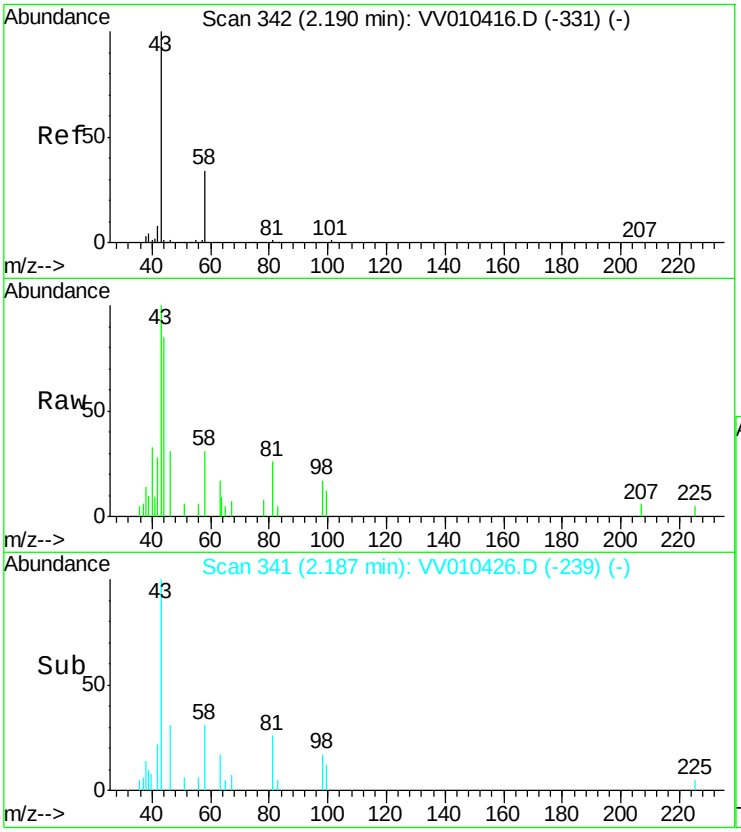




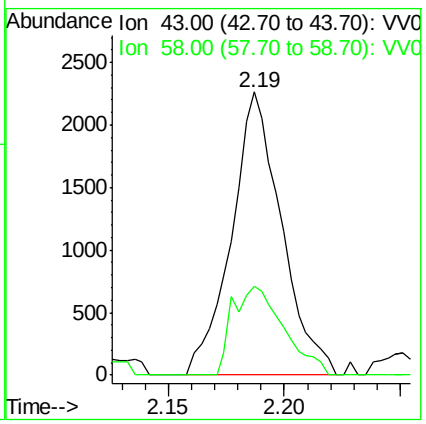
#13
Acetone
Concen: 2.514 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010426.D
Acq: 22 Apr 2019 22:07

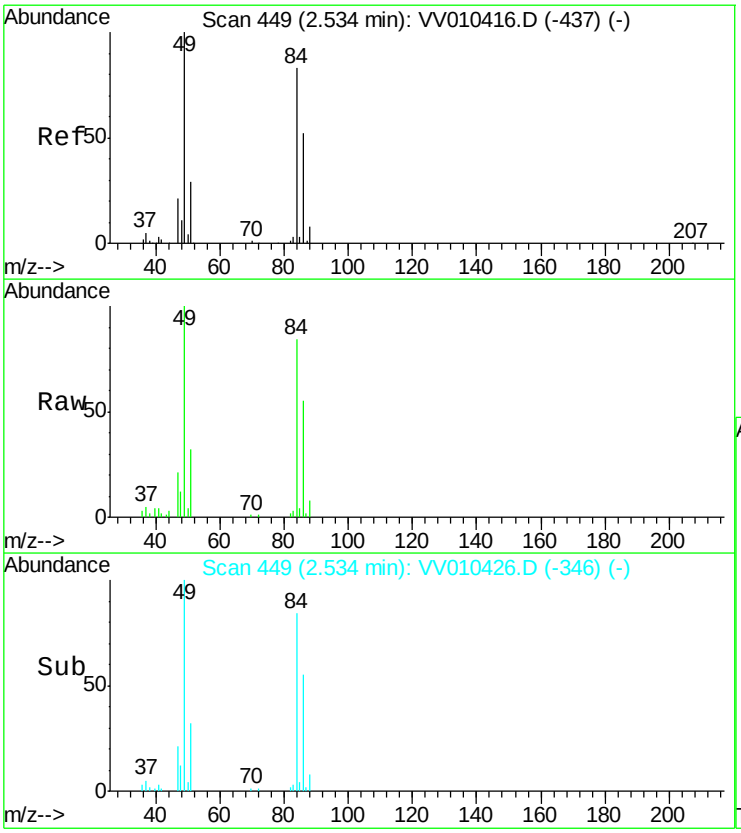
Tgt Ion: 43 Resp: 3391

Ion	Ratio	Lower	Upper
43	100		
58	24.5	0.0	66.4

Instrument :
MSVOA_V
ClientSampleId :
GAHN4

Manual Integrations APPROVED
MMDadoda
4/25/2019 9:20:41 AM





#16
Methylene chloride
Concen: 3.602 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010426.D
Acq: 22 Apr 2019 22:07

Tgt Ion: 84 Resp: 20636

Ion	Ratio	Lower	Upper
84	100		
49	118.5	85.0	158.0
86	64.8	43.9	81.5