Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101019\
Data File : VV013090.D
Acq On : 10 Oct 2019 14:49
Operator : SY/MD
Sample : K5262-09
Misc : 4.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFB72

Manual Integrations APPROVED
MMDadoda
10/15/2019 4:15:07 PM

Quant Time: Oct 11 08:04:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 07:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	697373	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	530171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	133662	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	178542	16.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.00%			
7) Chloroethane-d5	1.58	69	176141	20.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.52%			
10) 1,1-Dichloroethene-d2	2.13	63	249444	13.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.44%			
20) 2-Butanone-d5	3.96	46	109589	29.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.66%			
24) Chloroform-d	4.40	84	372794	19.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.84%			
26) 1,2-Dichloroethane-d4	5.08	65	204547	18.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.48%			
29) Benzene-d6	5.09	84	730399	24.68	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.72%			
33) 1,2-Dichloropropane-d6	6.11	67	237847	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.52%			
37) Toluene-d8	7.36	98	566986	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.40%			
38) trans-1,3-Dichloropropene-	7.66	79	70112	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.40%			
39) 2-Hexanone-d5	8.14	63	62446	33.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.90%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	138120	15.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 62.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	97282	18.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 74.92%#			
Target Compounds						Qvalue
13) Acetone	2.22	43	4608m	1.160	ug/L	
36) Methylcyclohexane	6.17	83	13836	1.096	ug/L	93

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

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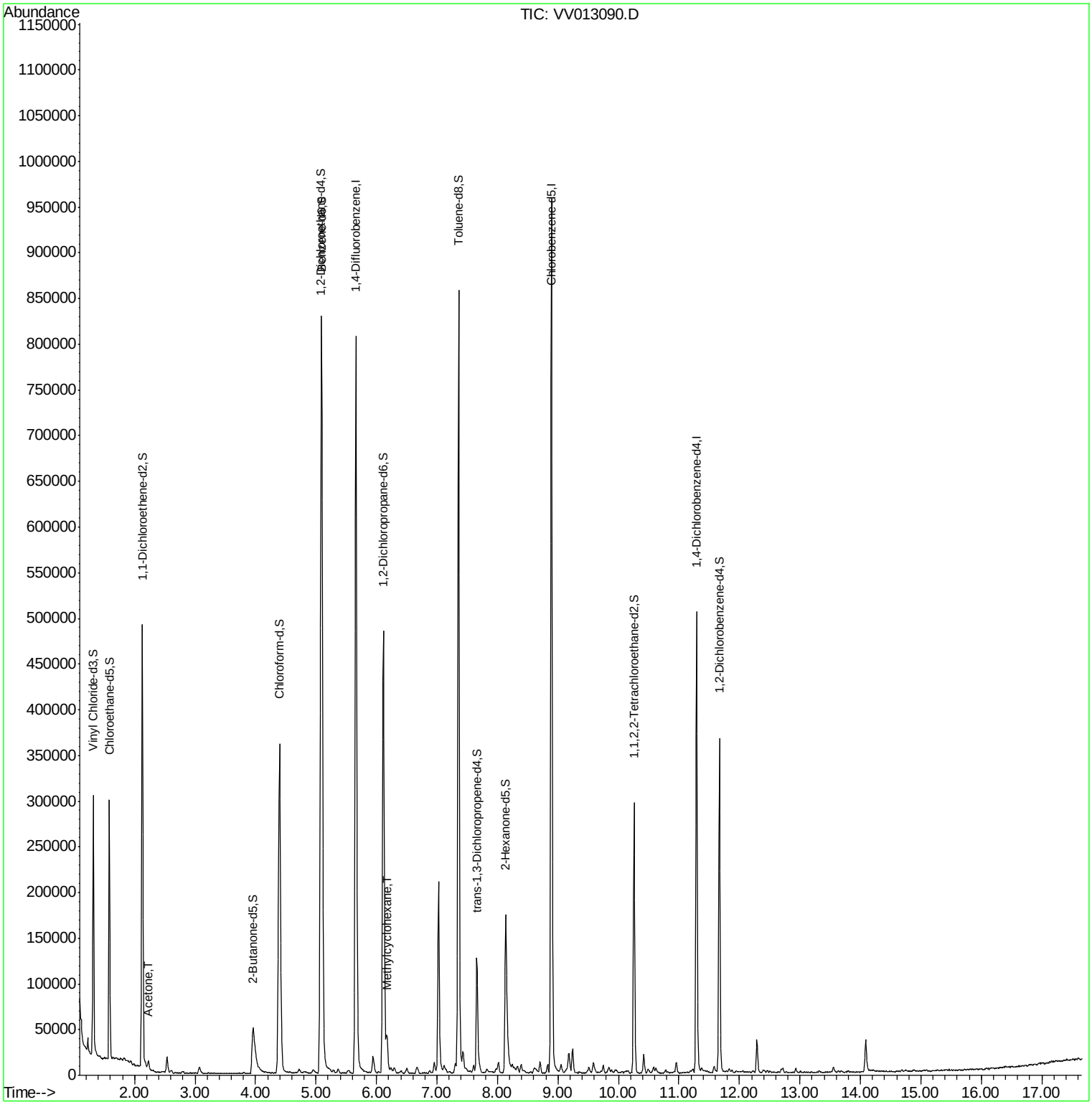
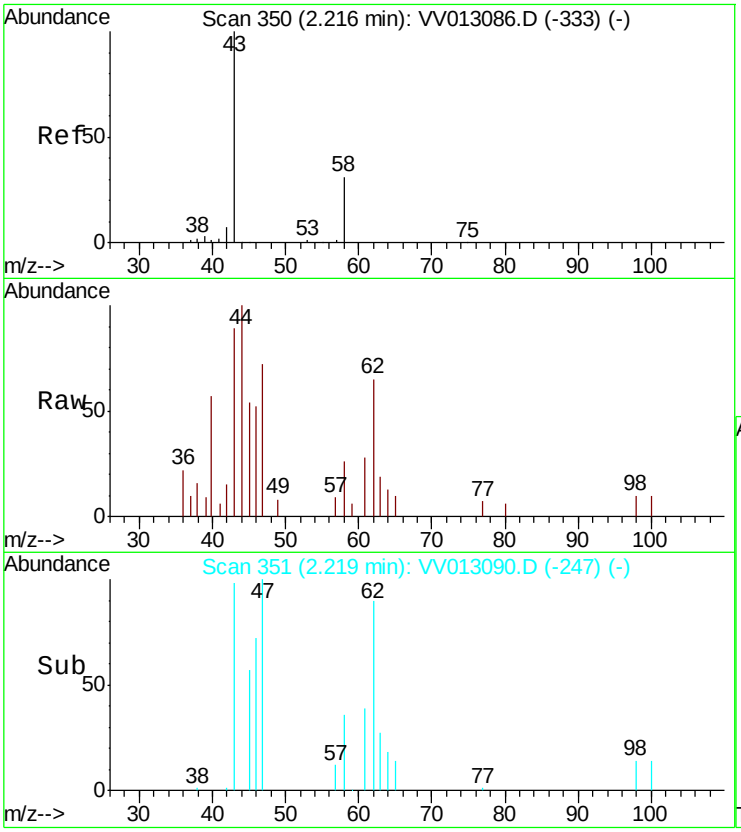
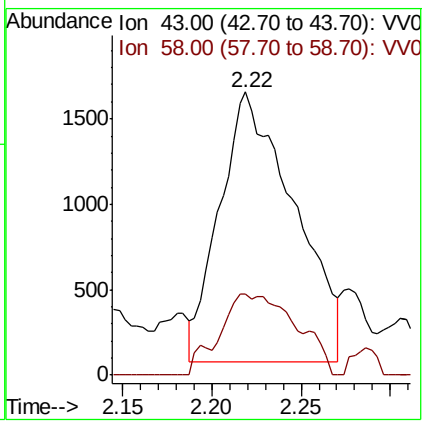




#13
Acetone
Concen: 1.160 ug/L m
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV013090.D
Acq: 10 Oct 2019 14:49

Tgt Ion: 43 Resp: 4608

Ion	Ratio	Lower	Upper
43	100		
58	6.8	0.0	65.0



Instrument :
MSVOA_V
ClientSampleId :
BFB72

Manual Integrations APPROVED
MMDadoda
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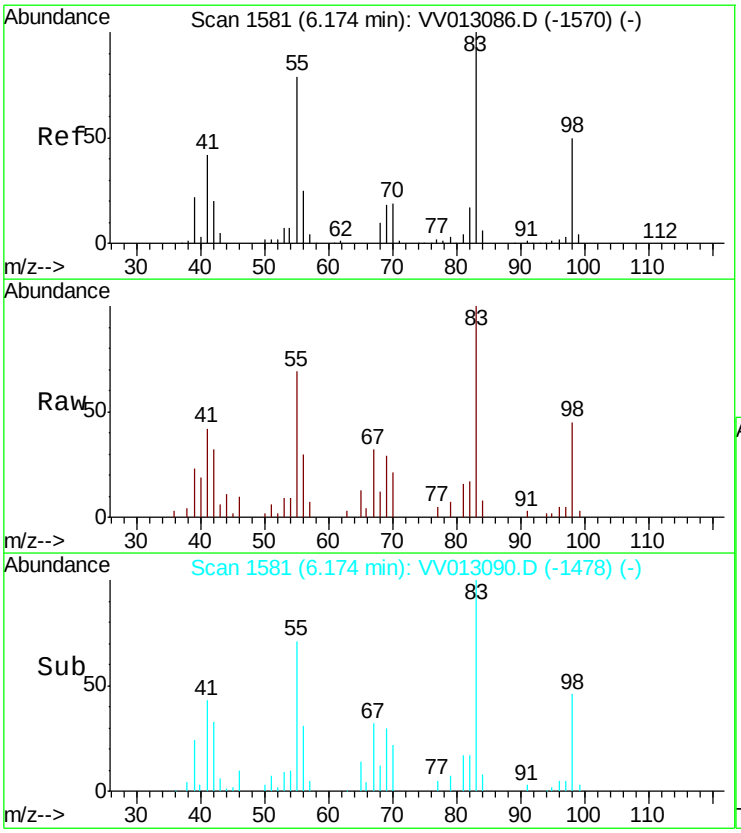

#36
Methylcyclohexane
Concen: 1.096 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013090.D
Acq: 10 Oct 2019 14:49

Tgt Ion: 83 Resp: 13836

Ion	Ratio	Lower	Upper
83	100		
55	86.0	61.8	92.8
98	48.2	39.3	58.9