Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010246.D
Acq On : 11 Apr 2019 16:13
Operator : SY/MD
Sample : K2255-16
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC55

Quant Time: Apr 12 03:09:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	319630	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	298485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131430	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64116	17.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.72%			
7) Chloroethane-d5	1.57	69	61968	19.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.40%			
10) 1,1-Dichloroethene-d2	2.13	63	132323	14.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.52%			
20) 2-Butanone-d5	3.93	46	42289	45.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.84%			
24) Chloroform-d	4.40	84	148022	20.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.12%			
26) 1,2-Dichloroethane-d4	5.08	65	89961	21.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.56%			
29) Benzene-d6	5.10	84	318870	22.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.64%			
33) 1,2-Dichloropropane-d6	6.12	67	96356	22.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.04%			
37) Toluene-d8	7.36	98	304699	21.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.84%			
38) trans-1,3-Dichloropropene-	7.66	79	36457	20.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.72%			
39) 2-Hexanone-d5	8.13	63	32190	43.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83271	21.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	111613	23.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
13) Acetone	2.19	43	10244	10.297	ug/L	100
14) Carbon disulfide	2.32	76	21978	2.158	ug/L #	95
16) Methylene chloride	2.54	84	18094	2.891	ug/L	91

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

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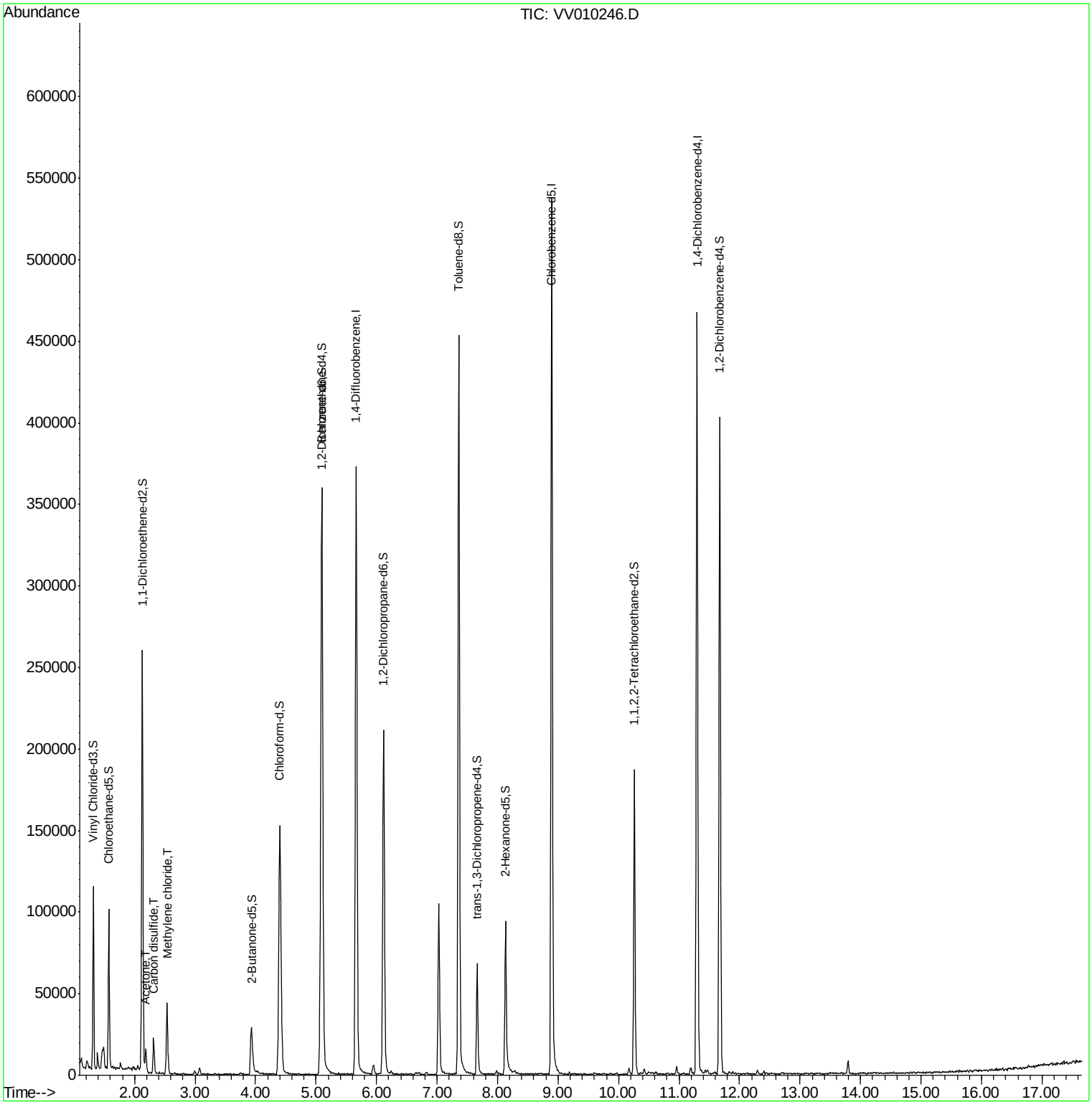
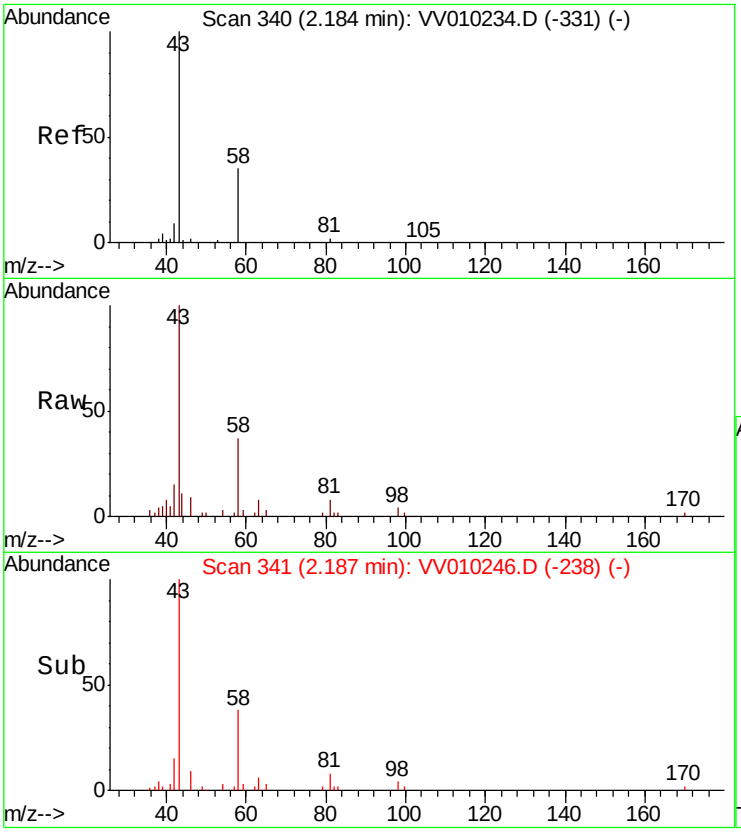


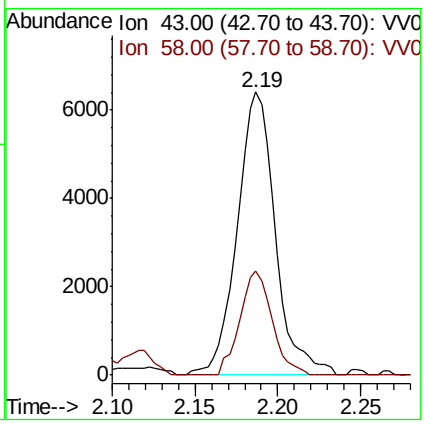


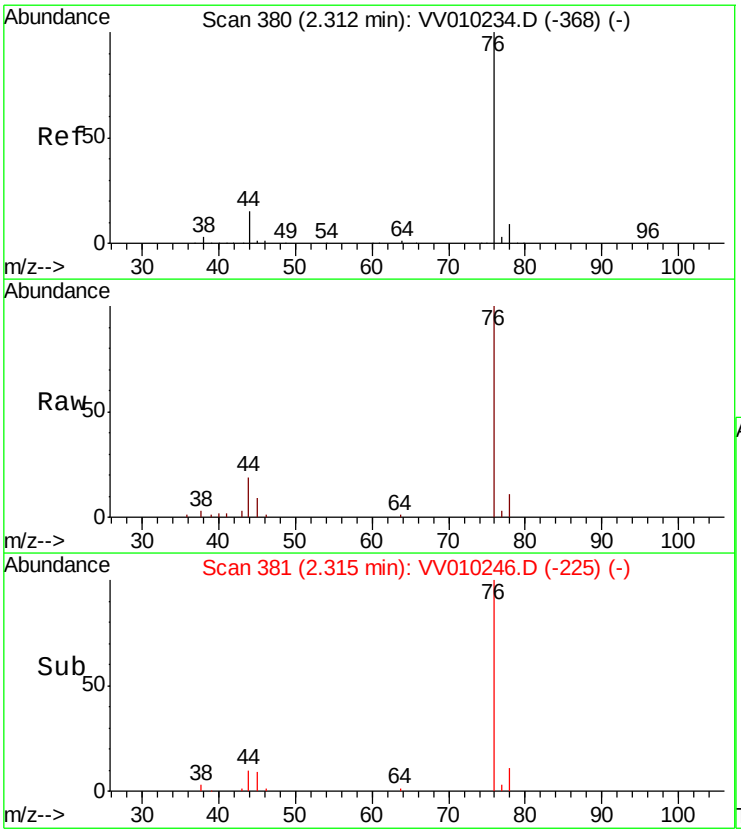
#13
Acetone
Concen: 10.297 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010246.D
Acq: 11 Apr 2019 16:13

Instrument :
MSVOA_V
ClientSampleId :
BFC55

Tgt Ion: 43 Resp: 10244

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	61.6

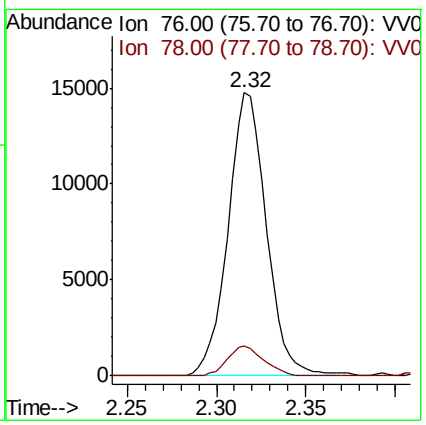


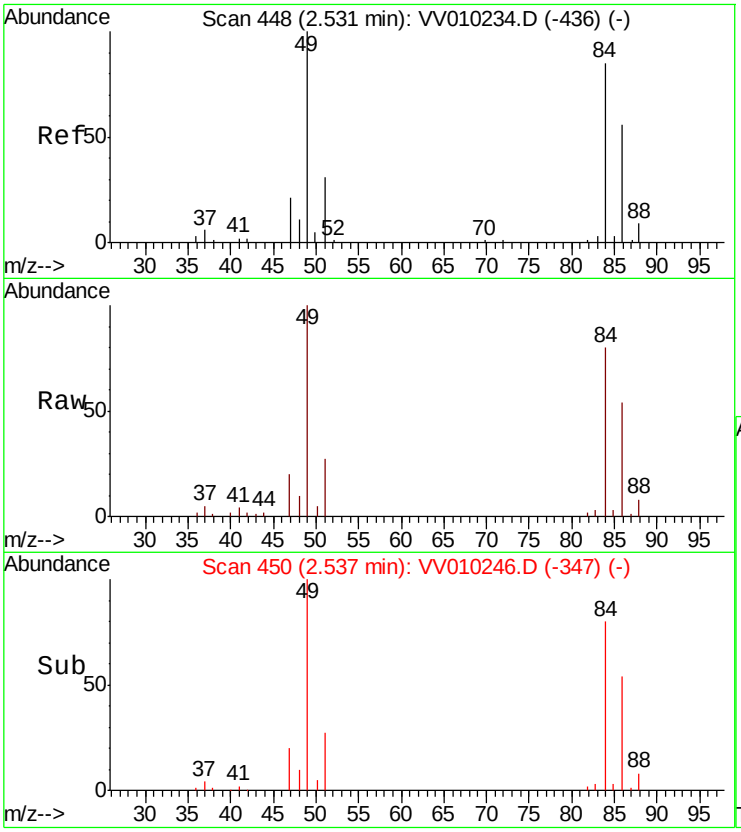


#14
Carbon disulfide
Concen: 2.158 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV010246.D
Acq: 11 Apr 2019 16:13

Tgt Ion: 76 Resp: 21978

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.0	10.4#





#16
Methylene chloride
Concen: 2.891 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010246.D
Acq: 11 Apr 2019 16:13

Instrument :
MSVOA_V
ClientSampleId :
BFC55

Tgt Ion: 84 Resp: 18094

Ion	Ratio	Lower	Upper
84	100		
49	125.7	79.9	148.5
86	68.0	44.5	82.7