Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010964.D
Acq On : 20 May 2019 18:10
Operator : SY/MD
Sample : K2846-05
Misc : 3.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB4

Quant Time: May 21 04:47:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115129	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39559	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	22384	17.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.20%			
7) Chloroethane-d5	1.56	69	16314	18.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.44%			
10) 1,1-Dichloroethene-d2	2.12	63	34618	13.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.88%			
20) 2-Butanone-d5	3.94	46	23608	52.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.26%			
24) Chloroform-d	4.40	84	48314	16.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.80%			
26) 1,2-Dichloroethane-d4	5.08	65	39153	22.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.12%			
29) Benzene-d6	5.09	84	131001	22.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.04%			
33) 1,2-Dichloropropane-d6	6.11	67	45480	24.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.16%			
37) Toluene-d8	7.36	98	110485	19.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.84%			
38) trans-1,3-Dichloropropene-	7.66	79	15071	19.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.60%			
39) 2-Hexanone-d5	8.13	63	20946	59.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43892	23.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	36075	22.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.84%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2924	6.695	ug/L	97
14) Carbon disulfide	2.31	76	6102	1.794	ug/L	95
16) Methylene chloride	2.53	84	2857	1.446	ug/L	97

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

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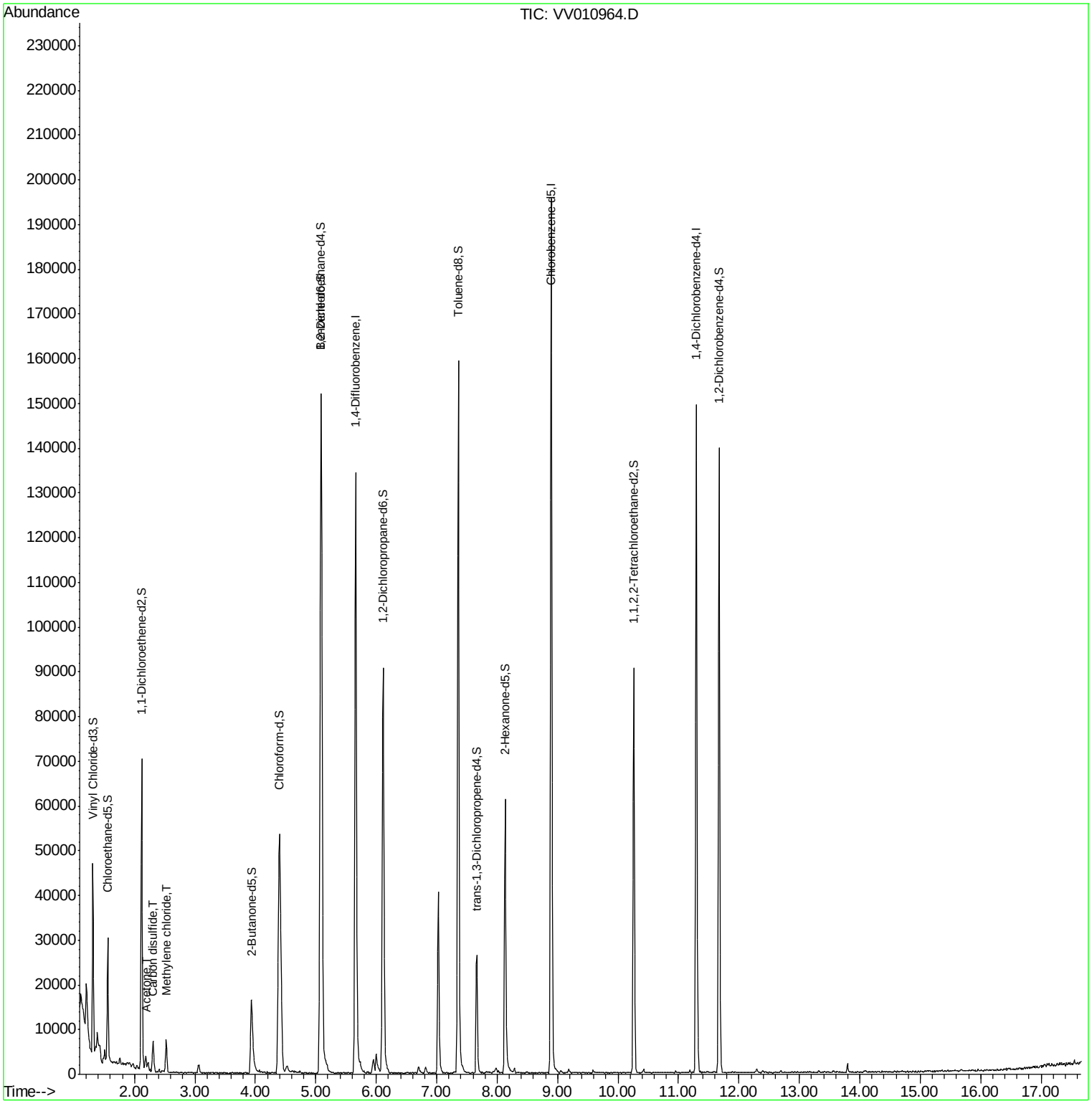
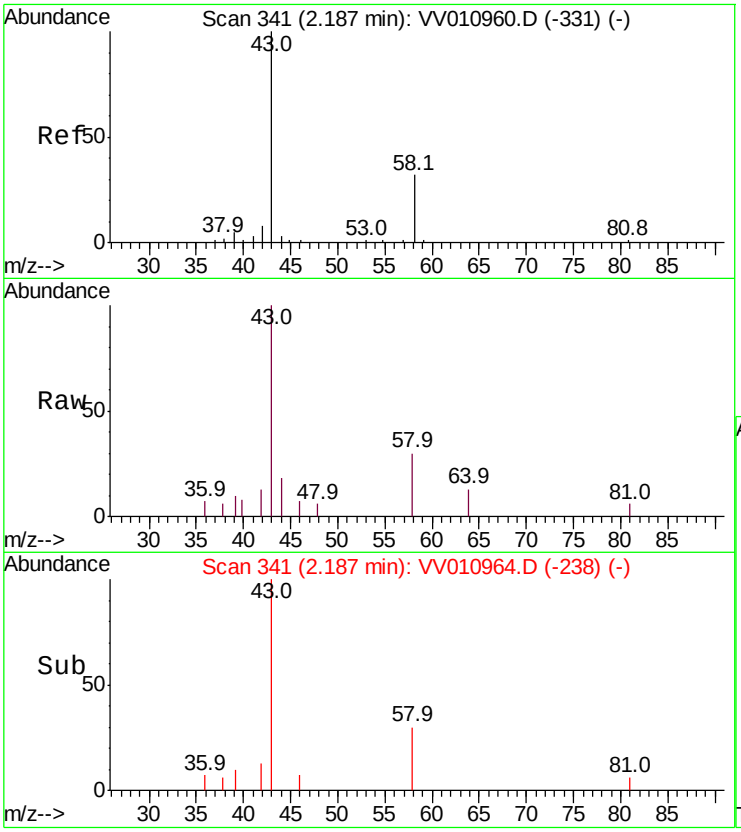


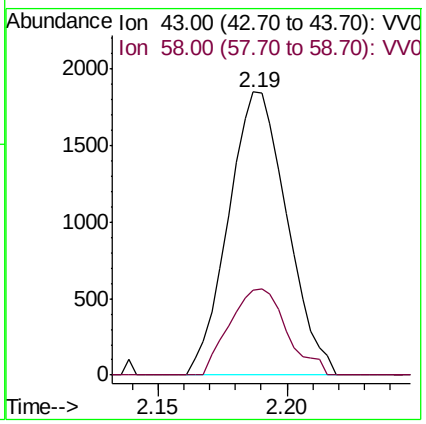


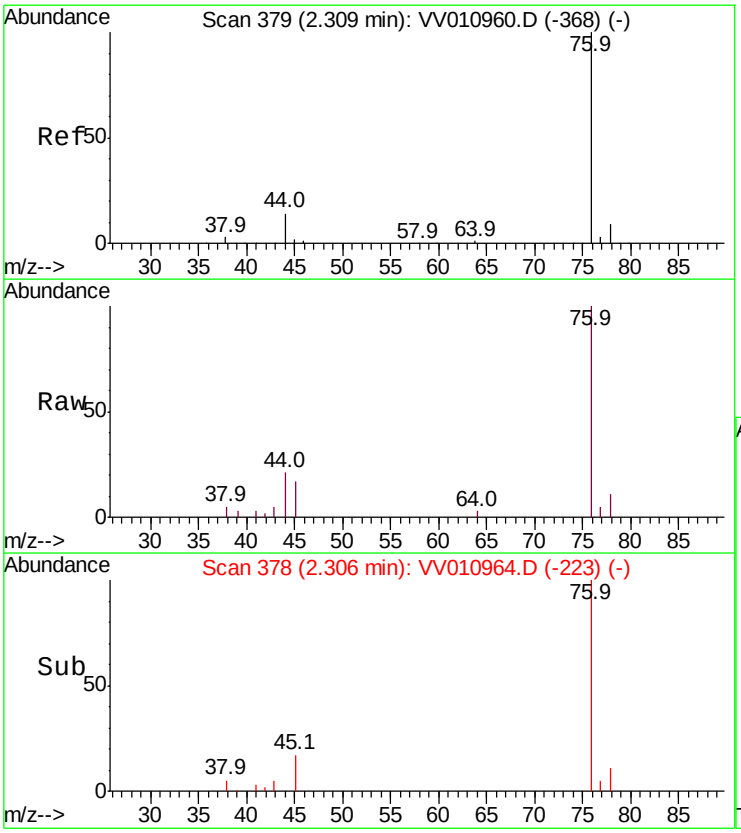
#13
Acetone
Concen: 6.695 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010964.D
Acq: 20 May 2019 18:10

Instrument :
MSVOA_V
ClientSampleId :
BFHB4

Tgt Ion: 43 Resp: 2924

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	60.8

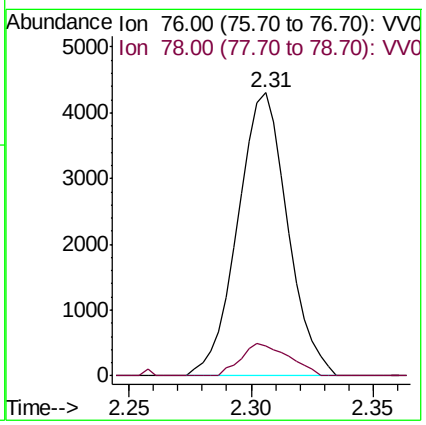


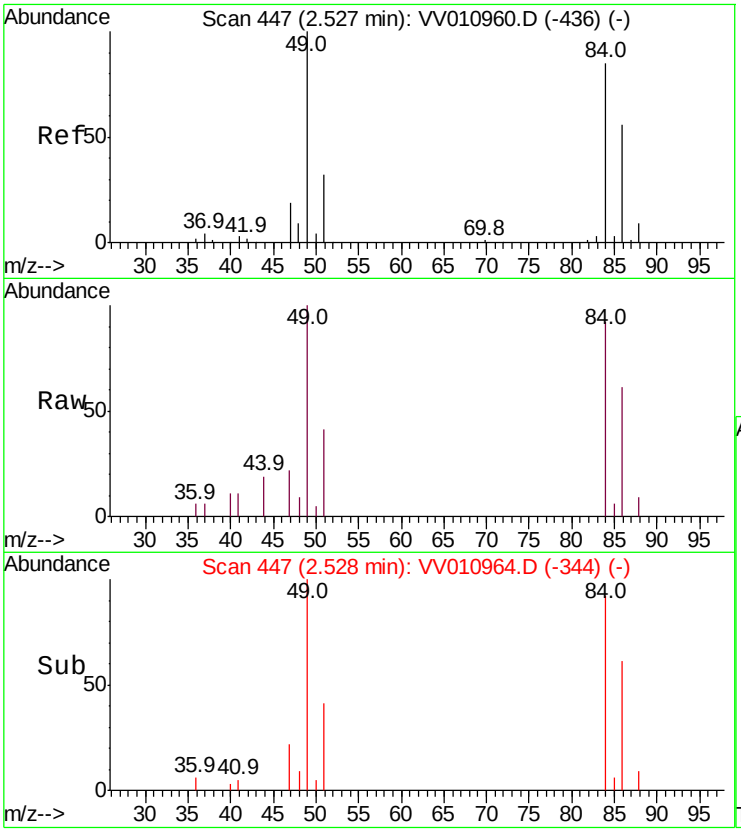


#14
Carbon disulfide
Concen: 1.794 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV010964.D
Acq: 20 May 2019 18:10

Tgt Ion: 76 Resp: 6102

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.2	10.8





#16
Methylene chloride
Concen: 1.446 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010964.D
Acq: 20 May 2019 18:10

Instrument :
MSVOA_V
ClientSampleId :
BFHB4

Tgt Ion: 84 Resp: 2857

Ion	Ratio	Lower	Upper
84	100		
49	108.5	77.4	143.8
86	66.4	44.0	81.6