Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010969.D
Acq On : 20 May 2019 20:30
Operator : SY/MD
Sample : K2846-10
Misc : 4.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH91

Quant Time: May 21 05:05:41 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	123291	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43968	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23400	16.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.60%			
7) Chloroethane-d5	1.57	69	18364	19.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.20%			
10) 1,1-Dichloroethene-d2	2.12	63	35114	12.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.96%			
20) 2-Butanone-d5	3.94	46	21097	43.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.00%			
24) Chloroform-d	4.40	84	57731	18.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.32%			
26) 1,2-Dichloroethane-d4	5.08	65	40566	21.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.24%			
29) Benzene-d6	5.09	84	135561	20.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.40%			
33) 1,2-Dichloropropane-d6	6.11	67	46944	22.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.68%			
37) Toluene-d8	7.36	98	113249	18.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.12%			
38) trans-1,3-Dichloropropene-	7.66	79	14498	16.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.72%			
39) 2-Hexanone-d5	8.13	63	18145	45.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.90%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39935	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	37691	21.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.44%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3090	6.607	ug/L	97
14) Carbon disulfide	2.31	76	6698	1.838	ug/L	99
16) Methylene chloride	2.53	84	3456	1.633	ug/L	97

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

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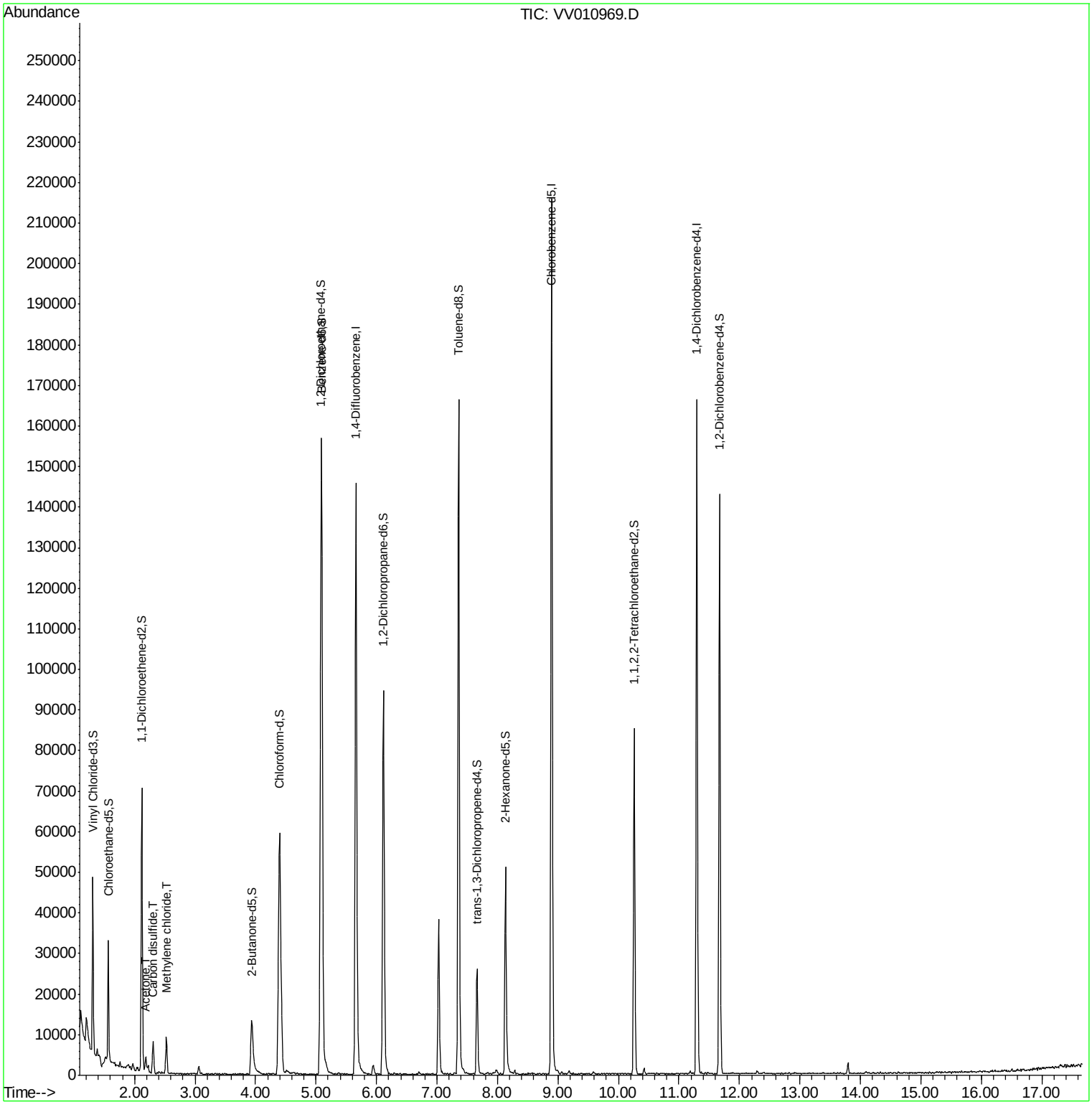
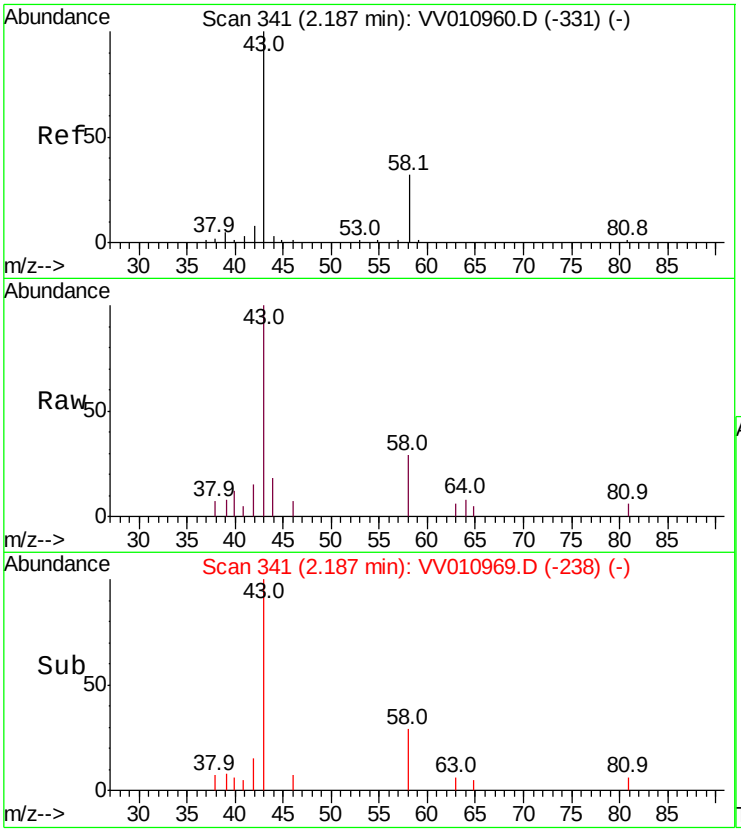


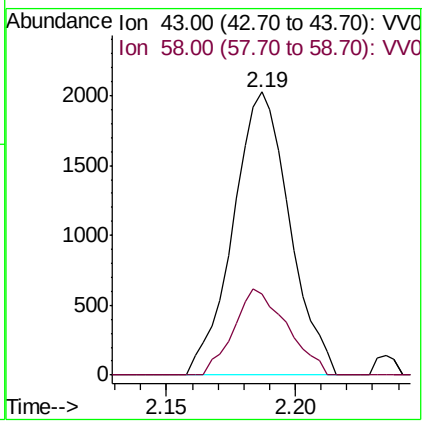


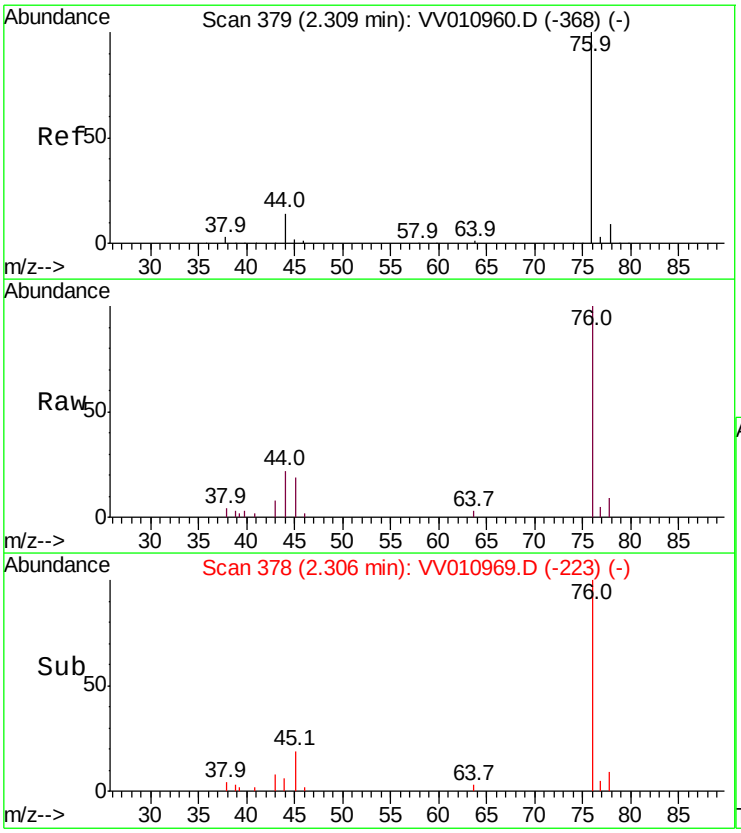
#13
Acetone
Concen: 6.607 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010969.D
Acq: 20 May 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
BFH91

Tgt Ion: 43 Resp: 3090

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	60.8

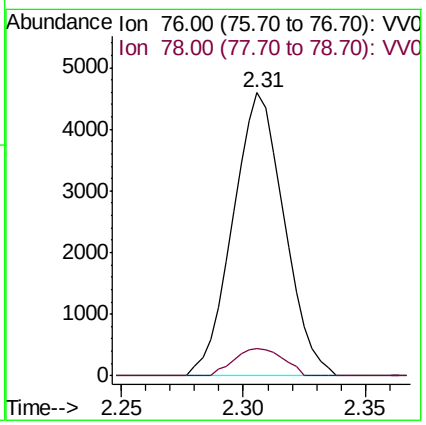


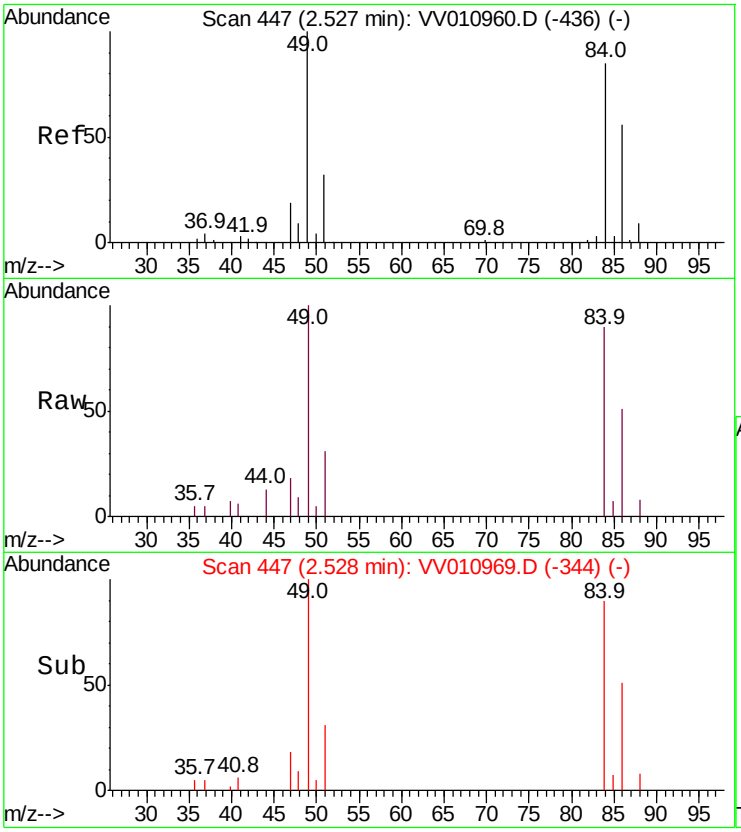


#14
Carbon disulfide
Concen: 1.838 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV010969.D
Acq: 20 May 2019 20:30

Tgt Ion: 76 Resp: 6698

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8





#16
Methylene chloride
Concen: 1.633 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010969.D
Acq: 20 May 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
BFH91

Tgt Ion: 84 Resp: 3456

Ion	Ratio	Lower	Upper
84	100		
49	110.6	77.4	143.8
86	56.1	44.0	81.6