Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010974.D
Acq On : 20 May 2019 22:50
Operator : SY/MD
Sample : K2846-17
Misc : 3.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHC8

Quant Time: May 21 05:18:24 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	107107	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	97056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32147	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20663	16.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.68%			
7) Chloroethane-d5	1.57	69	17230	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.36%			
10) 1,1-Dichloroethene-d2	2.12	63	31389	13.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.48%			
20) 2-Butanone-d5	3.94	46	23979	56.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.82%			
24) Chloroform-d	4.40	84	62569	22.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.08	65	38607	23.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.44%			
29) Benzene-d6	5.10	84	127376	24.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.16%			
33) 1,2-Dichloropropane-d6	6.12	67	44281	26.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.20%			
37) Toluene-d8	7.36	98	104632	21.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.96%			
38) trans-1,3-Dichloropropene-	7.66	79	11435	16.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.16%			
39) 2-Hexanone-d5	8.13	63	17238	54.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40597	24.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	31938	24.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2880	7.088	ug/L	92
14) Carbon disulfide	2.31	76	6820	2.155	ug/L	99
16) Methylene chloride	2.53	84	5948	3.236	ug/L	89

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

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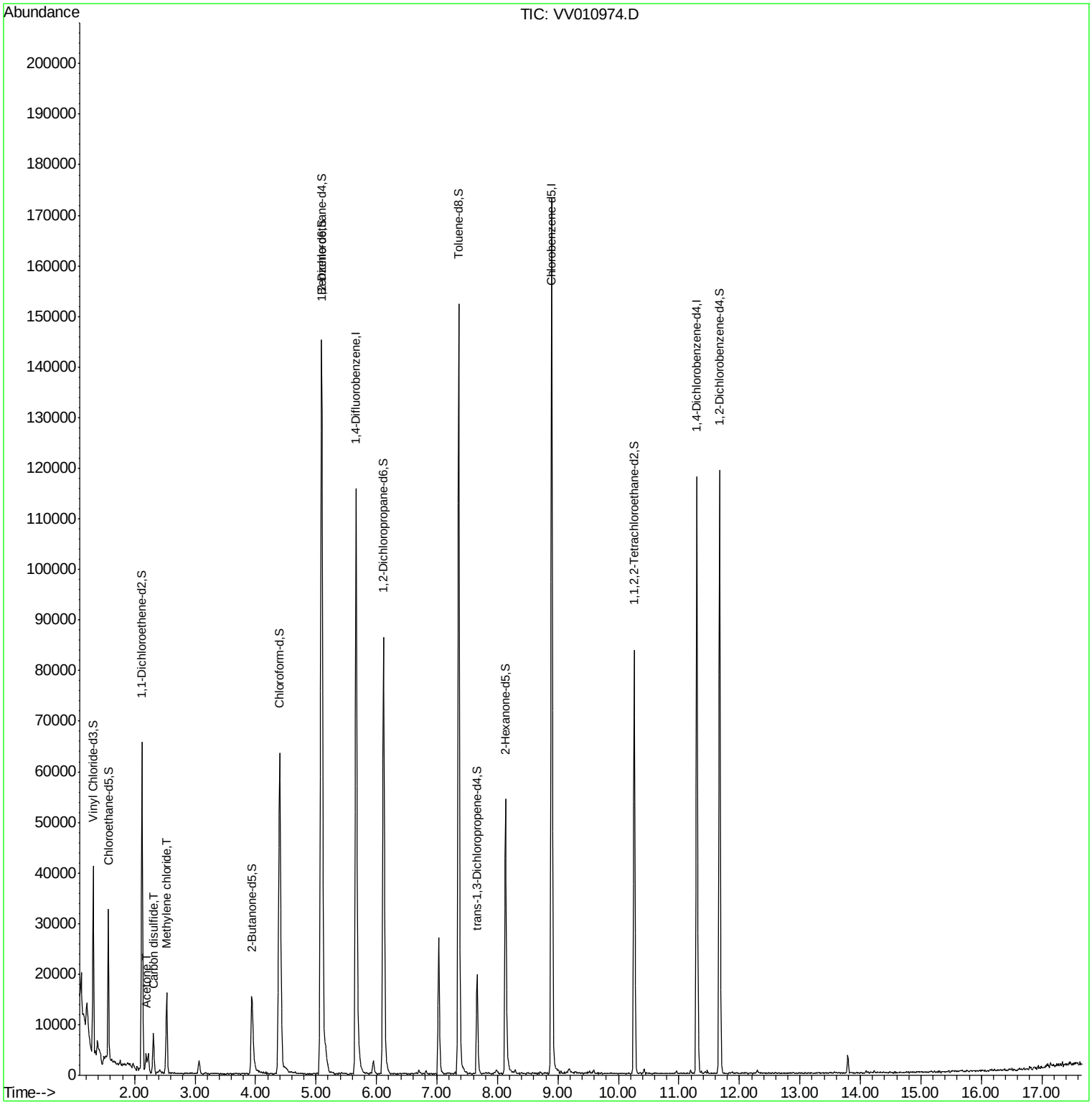
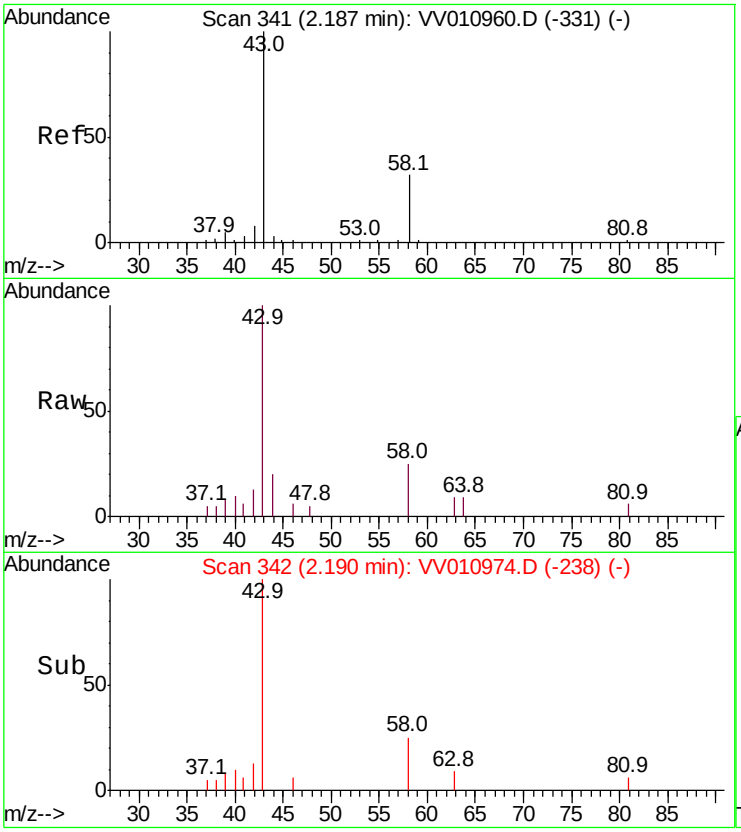


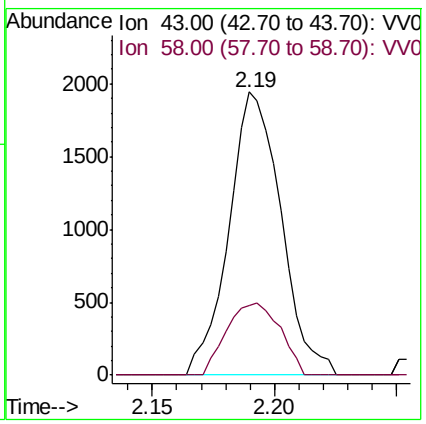


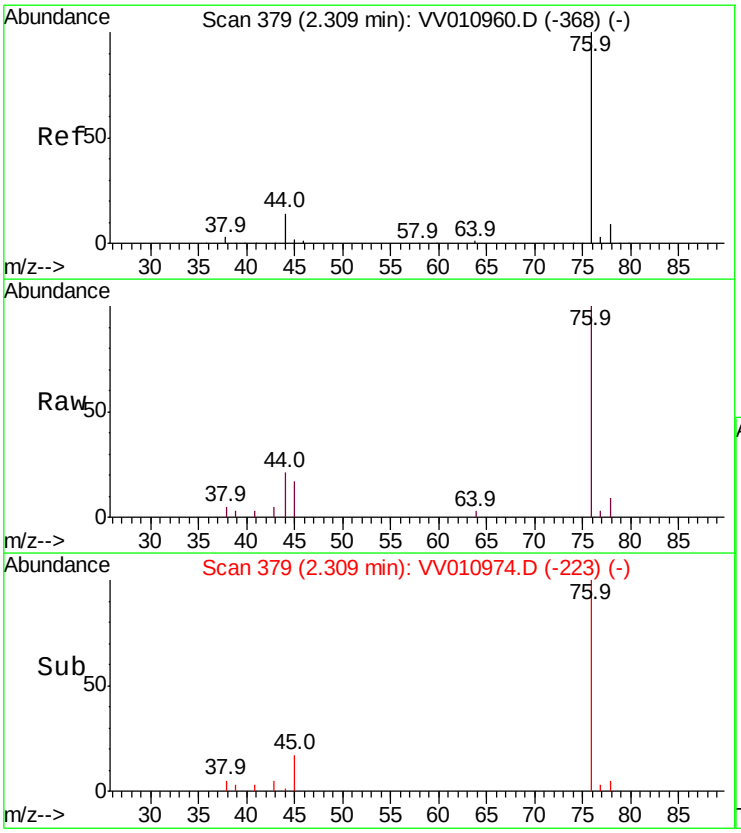
#13
Acetone
Concen: 7.088 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010974.D
Acq: 20 May 2019 22:50

Instrument : MSVOA_V
ClientSampleId : BFHC8

Tgt Ion: 43 Resp: 2880

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	60.8

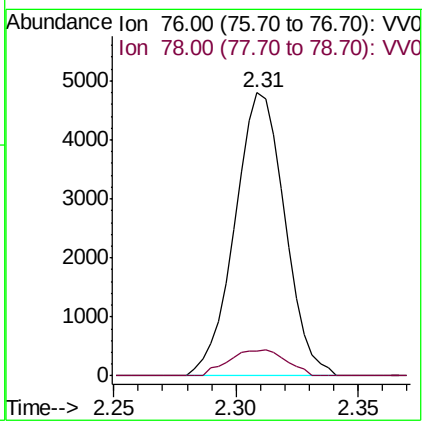


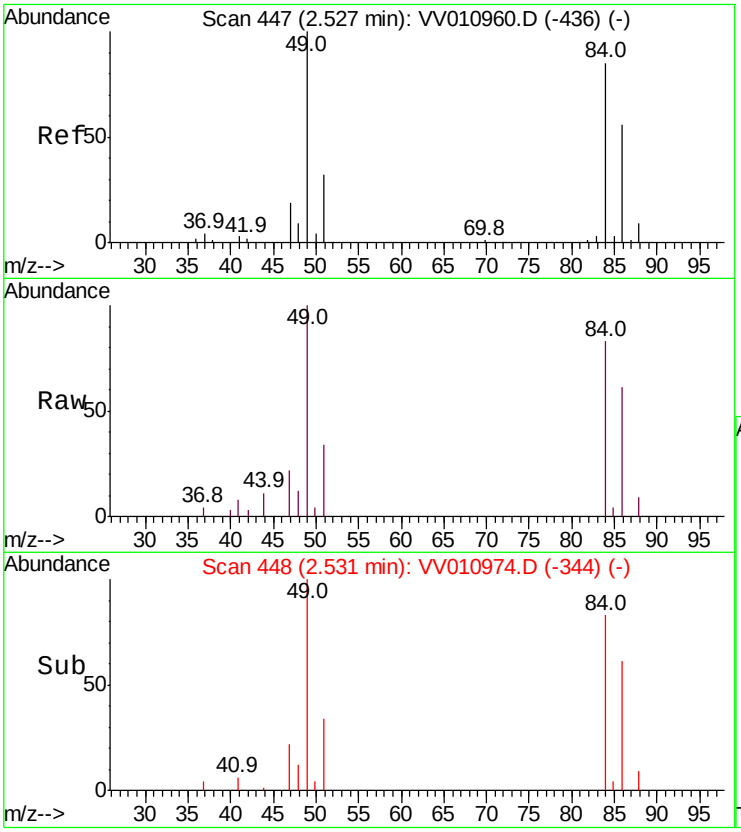


#14
Carbon disulfide
Concen: 2.155 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VV010974.D
Acq: 20 May 2019 22:50

Tgt Ion: 76 Resp: 6820

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8





#16
Methylene chloride
Concen: 3.236 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010974.D
Acq: 20 May 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BFHC8

Tgt Ion: 84 Resp: 5948

Ion	Ratio	Lower	Upper
84	100		
49	120.4	77.4	143.8
86	73.0	44.0	81.6