Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\

Quantitation Report (Not Reviewed)

Data File : VV010992.D
Acq On : 21 May 2019 10:03
Operator : SY/MD
Sample : K2846-12RE
Misc : 3.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB1

Quant Time: May 22 05:27:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137179	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47308	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27550	17.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.48%			
7) Chloroethane-d5	1.57	69	20747	19.59	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.36%			
10) 1,1-Dichloroethene-d2	2.12	63	40296	13.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.60%			
20) 2-Butanone-d5	3.94	46	21558	39.95	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.90%			
24) Chloroform-d	4.40	84	74410	20.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.76%			
26) 1,2-Dichloroethane-d4	5.08	65	41553	19.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.36%			
29) Benzene-d6	5.10	84	148743	21.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.88%			
33) 1,2-Dichloropropane-d6	6.12	67	50498	22.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.76%			
37) Toluene-d8	7.36	98	128960	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.12%			
38) trans-1,3-Dichloropropene-	7.66	79	16822	18.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.44%			
39) 2-Hexanone-d5	8.13	63	17188	41.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43313	19.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	42835	22.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.20%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2271	4.364	ug/L	99
25) Chloroform	4.43	83	4211	1.023	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	5850	3.692	ug/L	96

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

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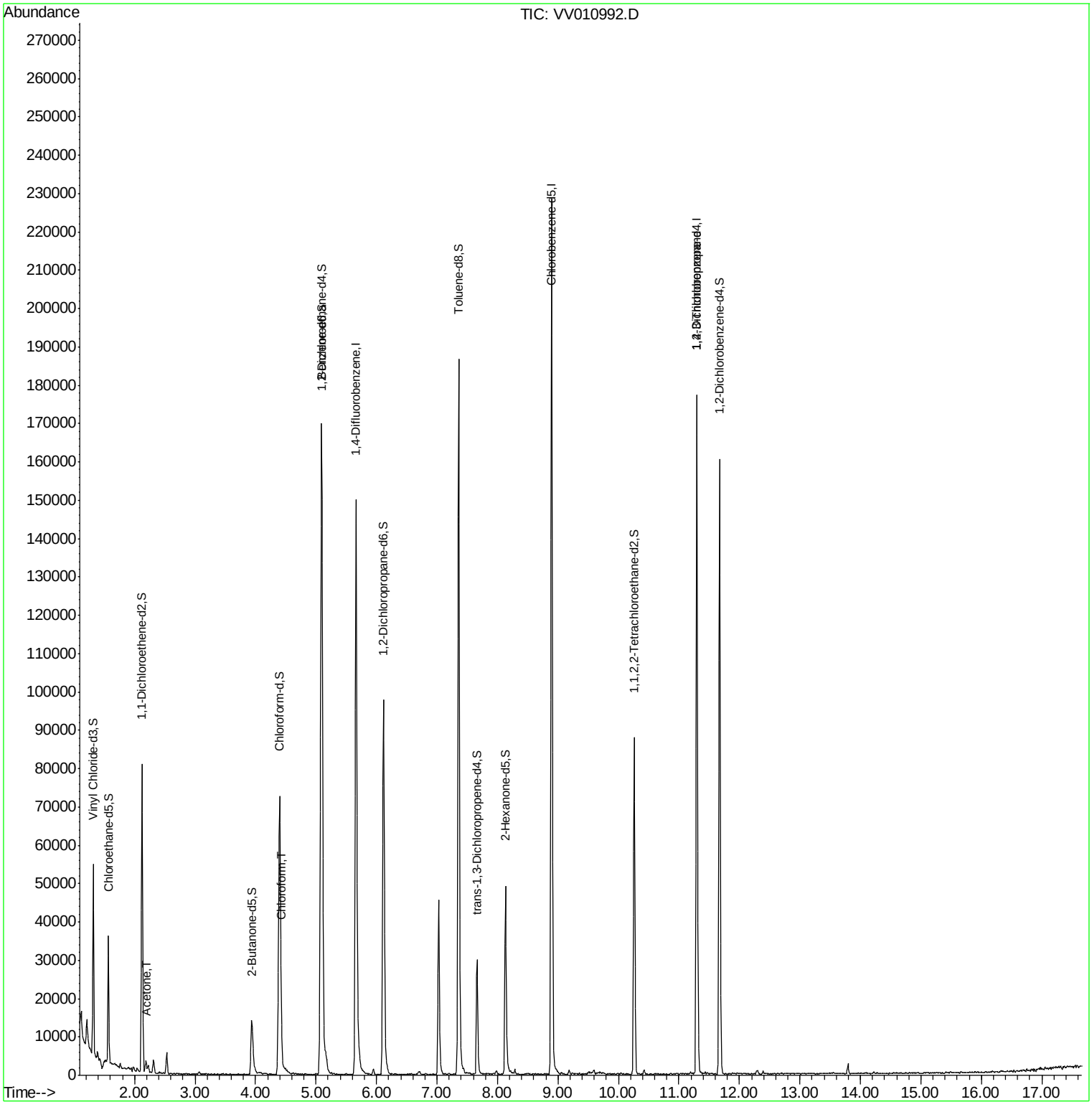
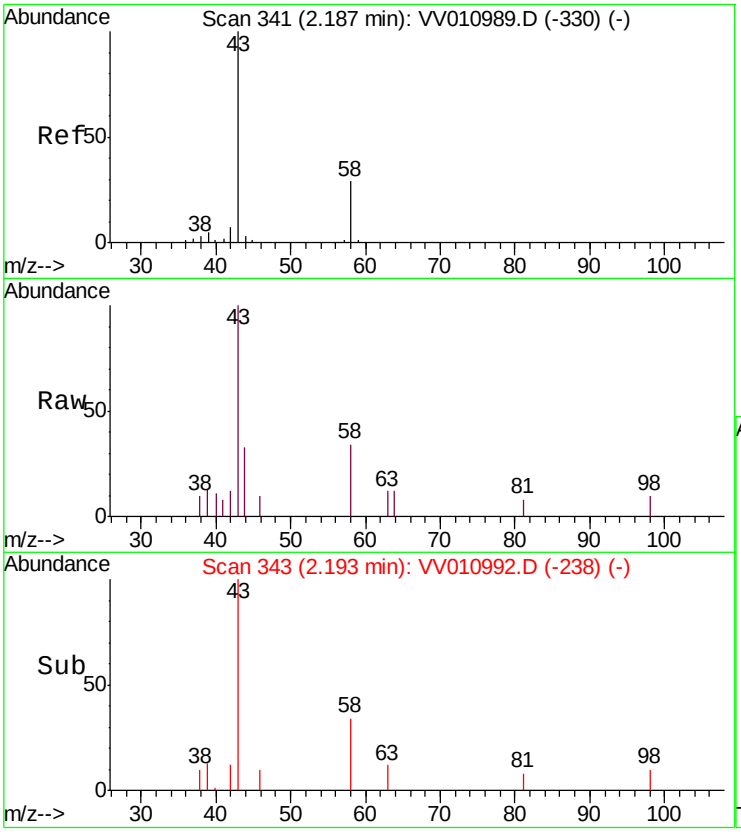
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration



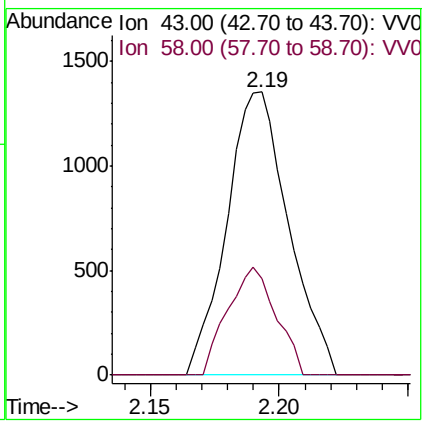


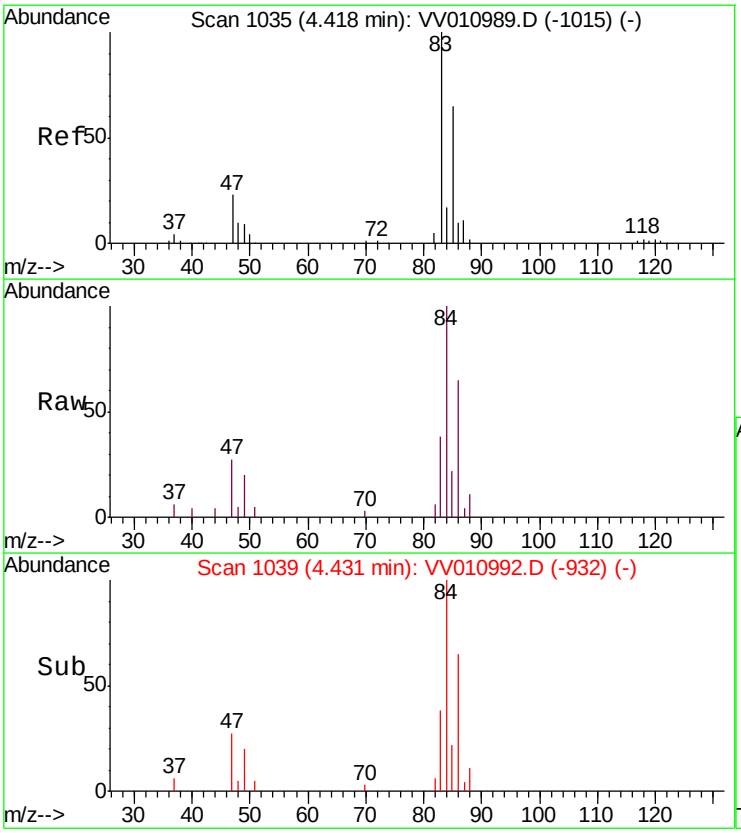
#13
Acetone
Concen: 4.364 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010992.D
Acq: 21 May 2019 10:03

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 43 Resp: 2271

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	60.8

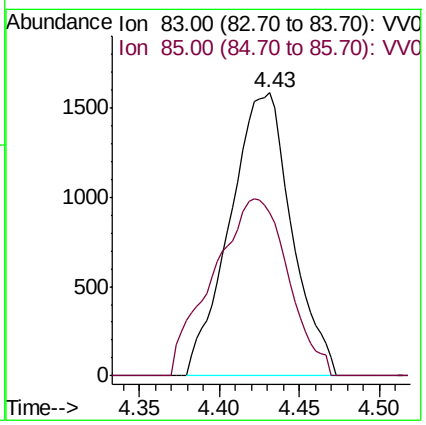


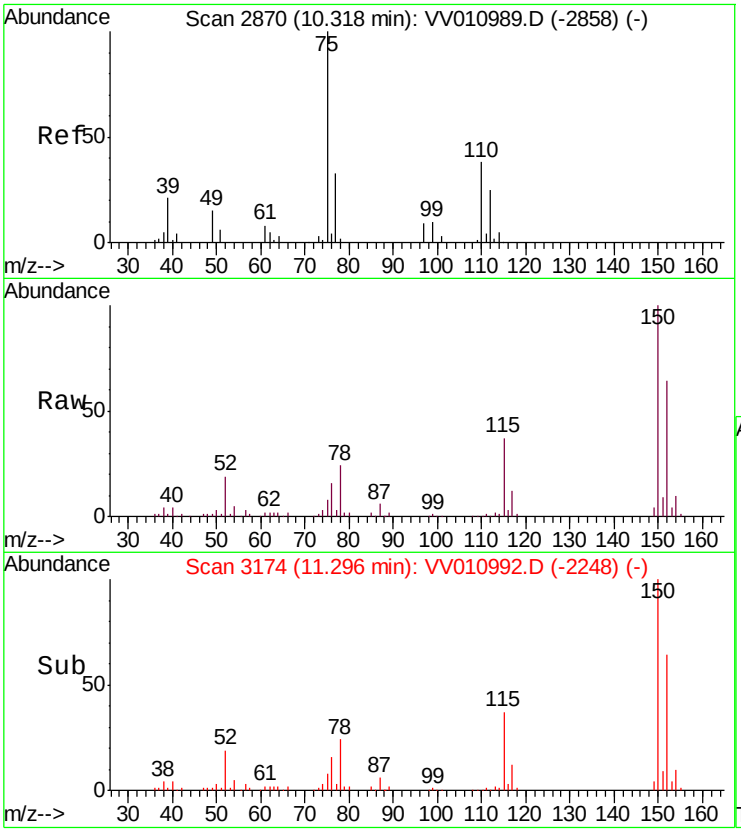


#25
Chloroform
Concen: 1.023 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010992.D
Acq: 21 May 2019 10:03

Tgt Ion: 83 Resp: 4211

Ion	Ratio	Lower	Upper
83	100		
85	75.5	45.6	84.8





#59
1,2,3-Trichloropropane
Concen: 3.692 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010992.D
Acq: 21 May 2019 10:03

Instrument :
MSVOA_V
ClientSampleId :
BFHB1

Tgt Ion: 75 Resp: 5850

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.2