Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041019\

Quantitation Report (Not Reviewed)

Data File : VV010223.D
Acq On : 10 Apr 2019 21:24
Operator : SY/MD
Sample : K2217-21
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:11:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	284790	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	275690	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121955	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	74541	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.96%			
7) Chloroethane-d5	1.57	69	69325	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.44%			
10) 1,1-Dichloroethene-d2	2.13	63	146263	17.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.12%			
20) 2-Butanone-d5	3.93	46	43754	52.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.48%			
24) Chloroform-d	4.40	84	142704	21.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.76%			
26) 1,2-Dichloroethane-d4	5.08	65	95026	25.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%			
29) Benzene-d6	5.10	84	335078	25.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.84%			
33) 1,2-Dichloropropane-d6	6.12	67	99260	25.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.40%			
37) Toluene-d8	7.36	98	320333	24.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.84%			
38) trans-1,3-Dichloropropene-	7.66	79	39704	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.32%			
39) 2-Hexanone-d5	8.13	63	32553	47.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86457	24.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.44%			
61) 1,2-Dichlorobenzene-d4	11.68	152	116384	25.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.36%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1571	1.772	ug/L	86
16) Methylene chloride	2.53	84	9688	1.737	ug/L	93
25) Chloroform	4.42	83	21992	3.153	ug/L	91

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

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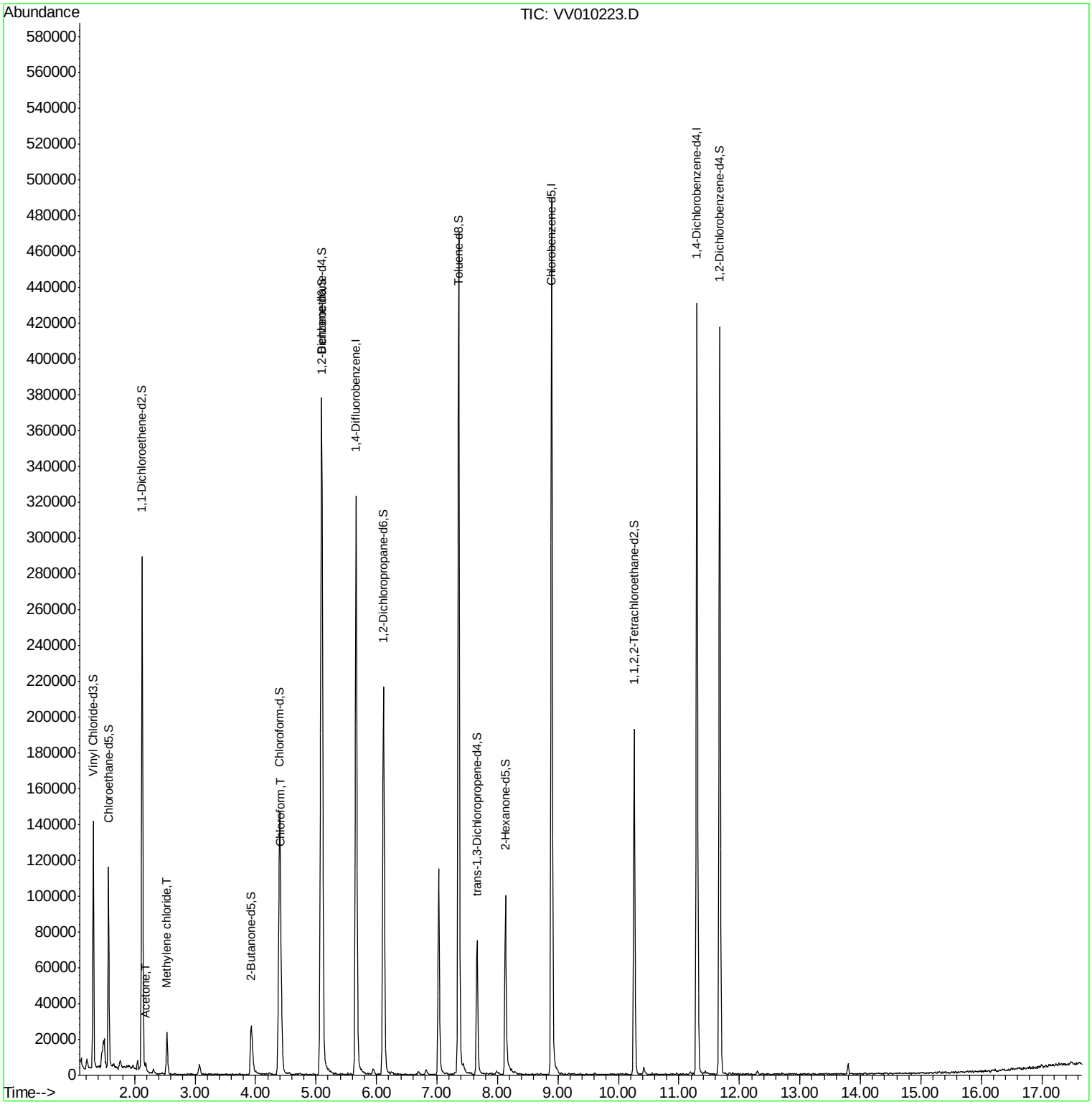
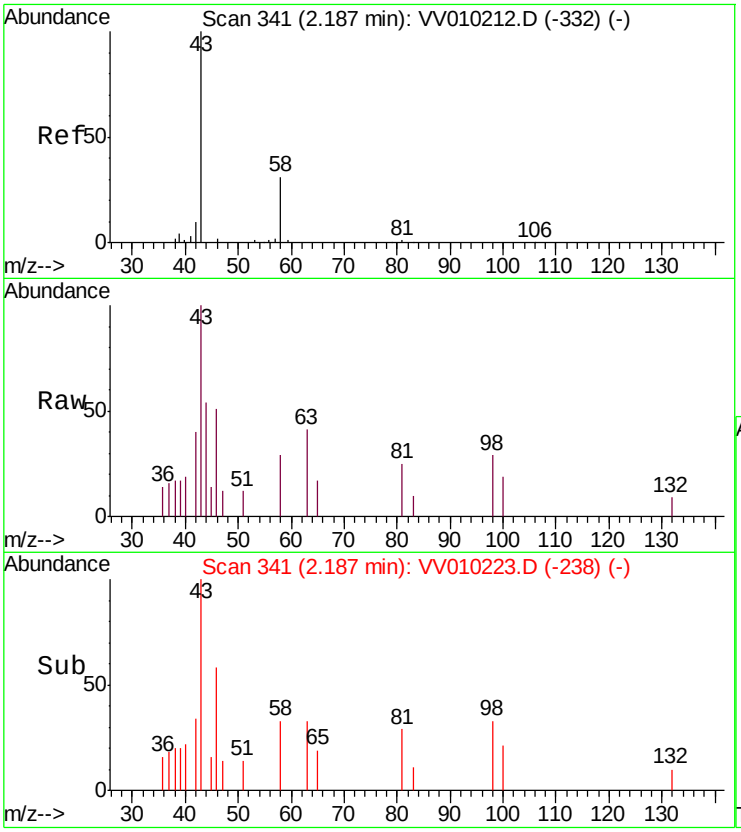
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

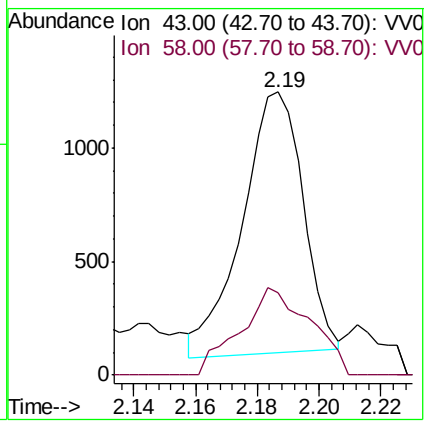


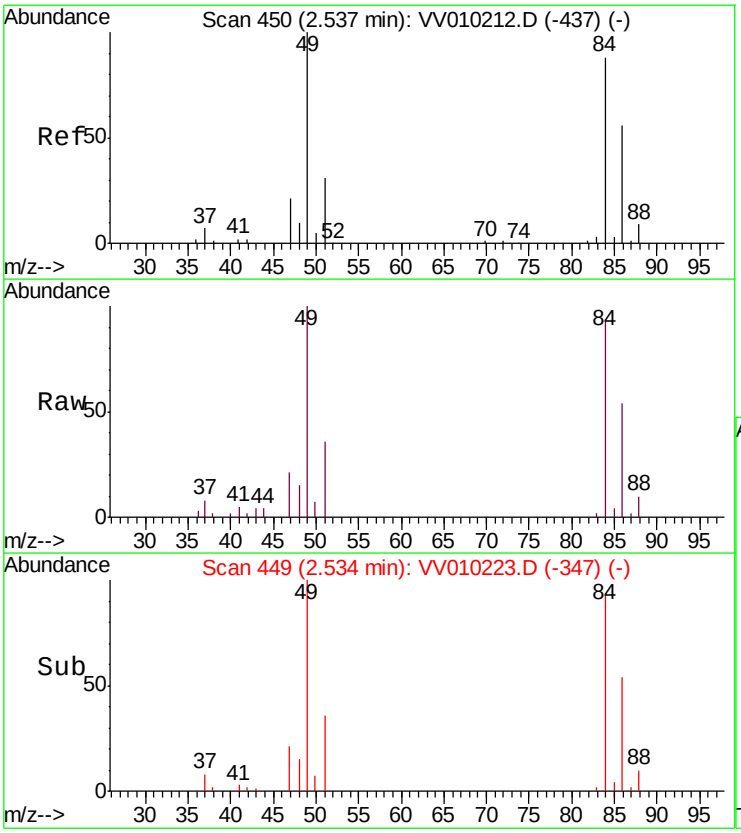


#13
Acetone
Concen: 1.772 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010223.D
Acq: 10 Apr 2019 21:24

Tgt Ion: 43 Resp: 1571

Ion	Ratio	Lower	Upper
43	100		
58	38.7	0.0	61.6

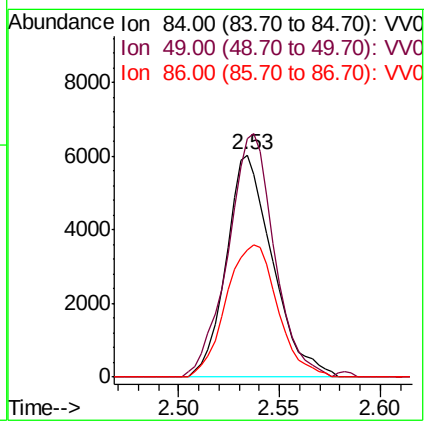


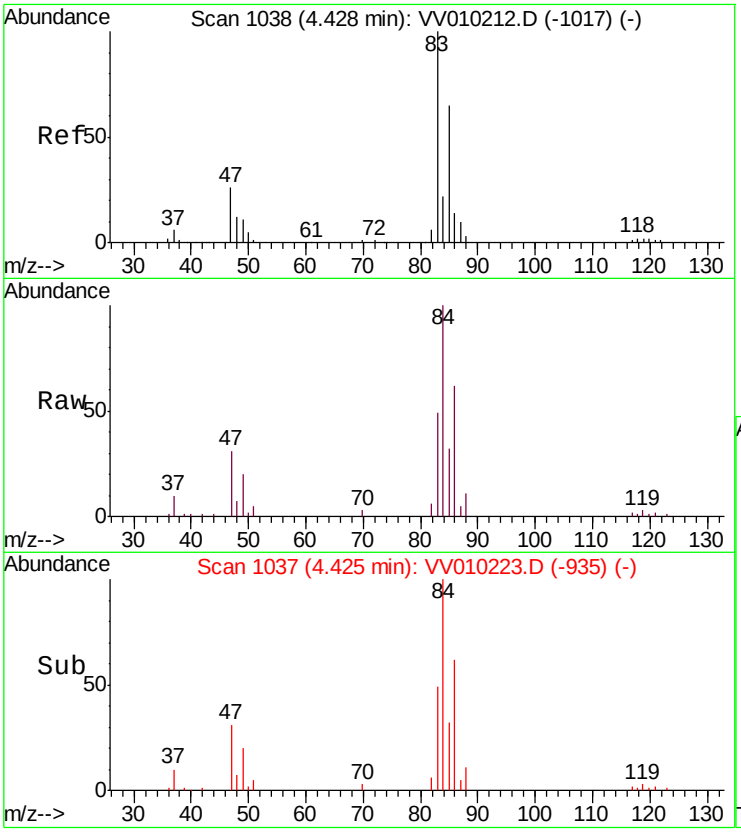


#16
Methylene chloride
Concen: 1.737 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010223.D
Acq: 10 Apr 2019 21:24

Tgt Ion: 84 Resp: 9688

Ion	Ratio	Lower	Upper
84	100		
49	107.1	79.9	148.5
86	57.4	44.5	82.7





#25
Chloroform
Concen: 3.153 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010223.D
Acq: 10 Apr 2019 21:24

Tgt Ion: 83 Resp: 21992

Ion	Ratio	Lower	Upper
83	100		
85	72.1	45.4	84.2