

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018203.D
 Acq On : 18 Feb 2021 11:42
 Operator : SY/VA
 Sample : M1414-22
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 DBH34

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 12:30:58 PM

Quant Time: Feb 18 13:49:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	479421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	426324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	223890	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104133	17.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.92%		
7) Chloroethane-d5	2.892	69	84399	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.40%		
10) 1,1-Dichloroethene-d2	4.025	63	165102	13.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.44%		
20) 2-Butanone-d5	7.074	46	43875	27.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.18%		
24) Chloroform-d	7.647	84	248483	19.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.00%		
26) 1,2-Dichloroethane-d4	8.305	65	121683	18.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.64%		
29) Benzene-d6	8.275	84	510776	21.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.28%		
33) 1,2-Dichloropropane-d6	9.275	67	138611	21.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.68%		
37) Toluene-d8	10.323	98	488559	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.76%		
38) trans-1,3-Dichloroprop...	10.579	79	57909	19.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.04%		
39) 2-Hexanone-d5	10.927	63	37902	30.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.56%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	100696	17.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	70.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	176532	22.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.40%		
Target Compounds						
13) Acetone	4.123	43	1432m	1.22	ug/L	Qvalue
16) Methylene chloride	4.922	84	12517	1.63	ug/L	92

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

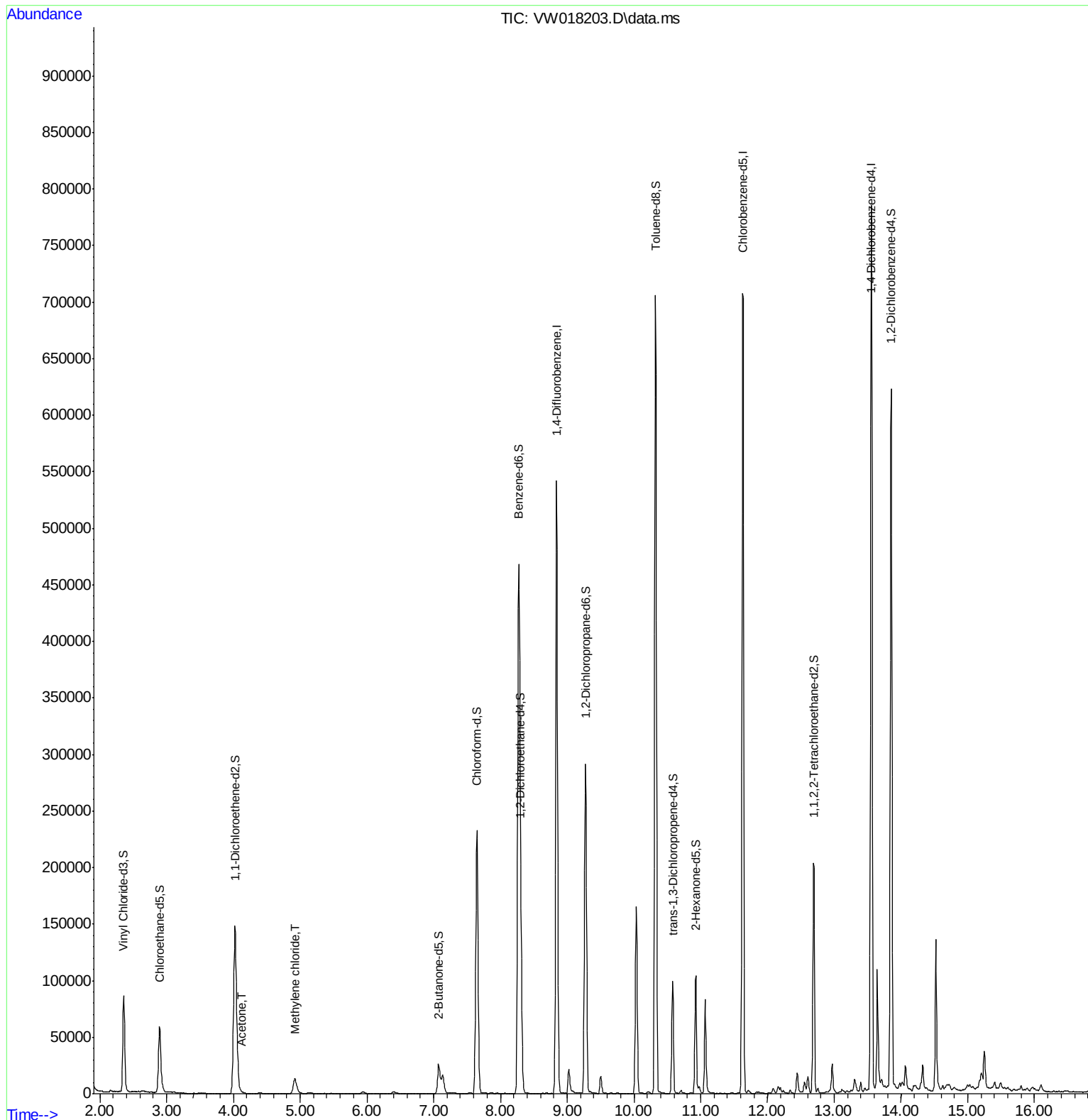
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
Data File : VW018203.D
Acq On : 18 Feb 2021 11:42
Operator : SY/VA
Sample : M1414-22
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

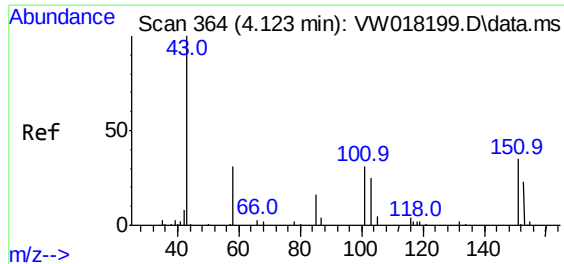
Instrument :
MSVOA_W
ClientSampleId :
DBH34

Manual Integrations
APPROVED

MMDadoda
2/19/2021 12:30:58 PM

Quant Time: Feb 18 13:49:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration





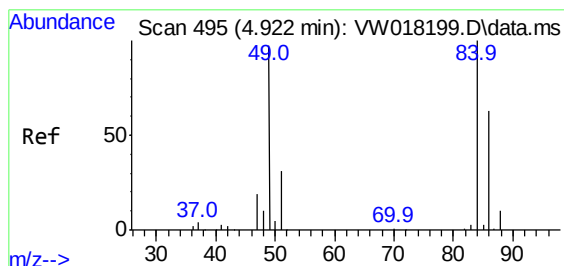
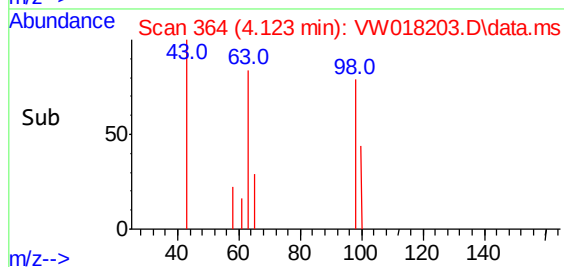
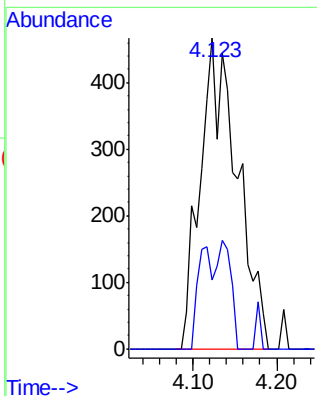
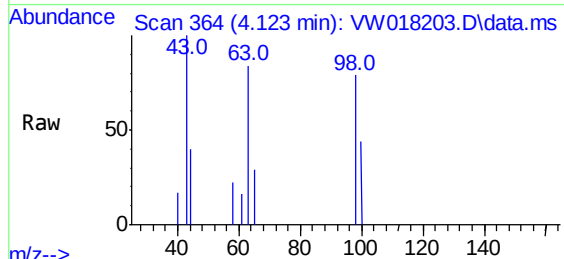
#13
Acetone
Concen: 1.22 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018203.D
Acq: 18 Feb 2021 11:42

Instrument :
MSVOA_W
ClientSampled :
DBH34

Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 12.8 0.0 68.4

Manual Integrations
APPROVED

MMDadoda
2/19/2021 12:30:58 PM



#16
Methylene chloride
Concen: 1.63 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018203.D
Acq: 18 Feb 2021 11:42

Tgt Ion: 84 Resp: 12517
Ion Ratio Lower Upper
84 100
49 103.8 81.2 150.8
86 64.2 44.5 82.7

