

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018136.D
 Acq On : 15 Feb 2021 15:28
 Operator : SY/VA
 Sample : M1370-09RE
 Misc : 7.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY5RE

Manual Integrations
 APPROVED

MMDadoda
 2/17/2021 10:35:24 AM

Quant Time: Feb 16 02:24:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	279546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	189659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	49213	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51418	14.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.20%		
7) Chloroethane-d5	2.891	69	50626	18.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.44%		
10) 1,1-Dichloroethene-d2	4.025	63	84981	12.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.96%		
20) 2-Butanone-d5	7.079	46	30920	33.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.70%		
24) Chloroform-d	7.646	84	156624	21.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.40%		
26) 1,2-Dichloroethane-d4	8.305	65	83875	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.88%		
29) Benzene-d6	8.274	84	285130	27.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	109.52%		
33) 1,2-Dichloropropane-d6	9.274	67	89449	30.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	122.84%#		
37) Toluene-d8	10.323	98	221654	22.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.48%		
38) trans-1,3-Dichloroprop...	10.579	79	29631	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.76%		
39) 2-Hexanone-d5	10.926	63	27347	49.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.22%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	69410	27.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.52%		
61) 1,2-Dichlorobenzene-d4	13.853	152	45015	25.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.56%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	1868m	2.72	ug/L	
16) Methylene chloride	4.921	84	8866	1.98	ug/L	98

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

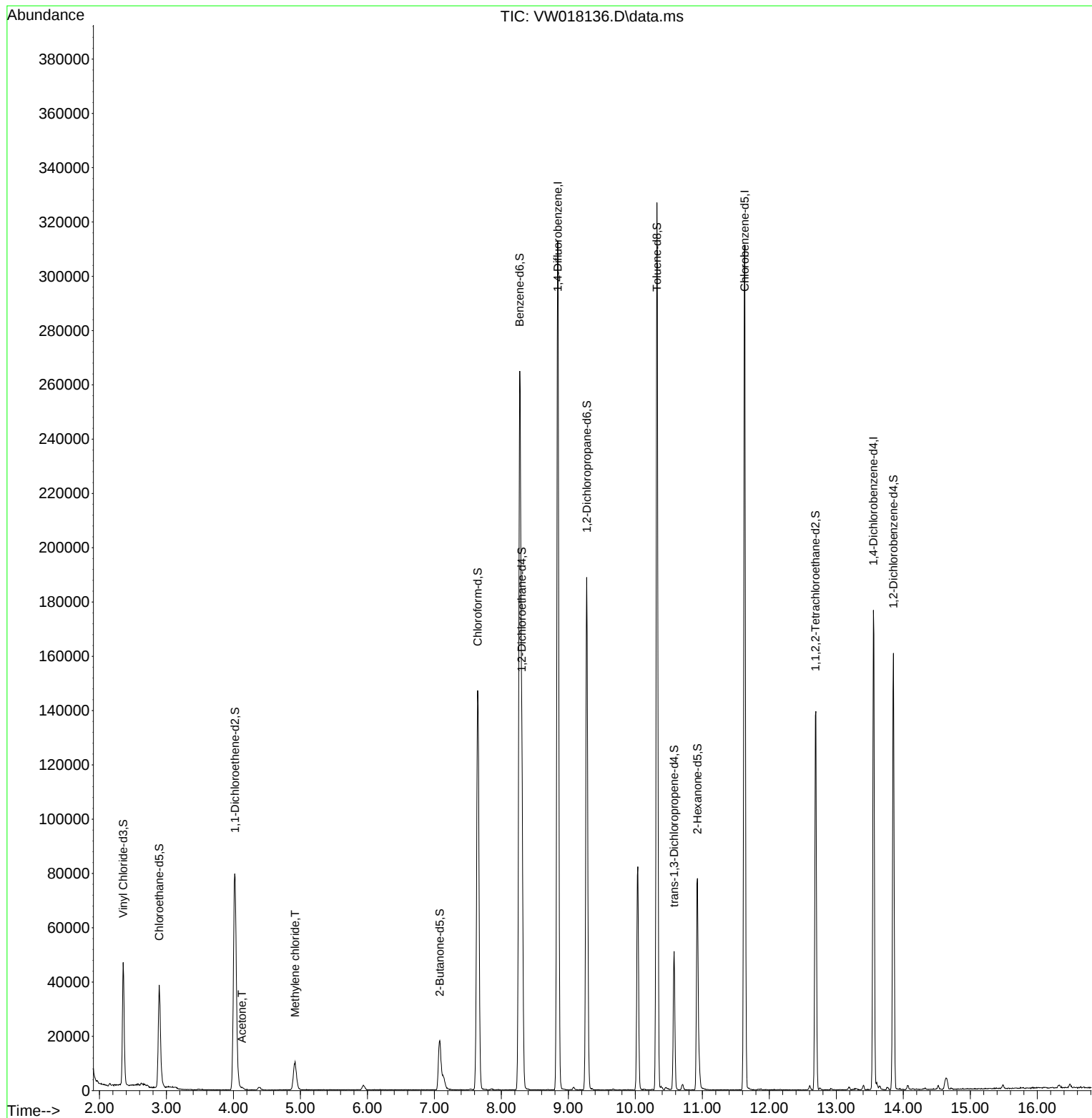
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018136.D
Acq On : 15 Feb 2021 15:28
Operator : SY/VA
Sample : M1370-09RE
Misc : 7.19G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

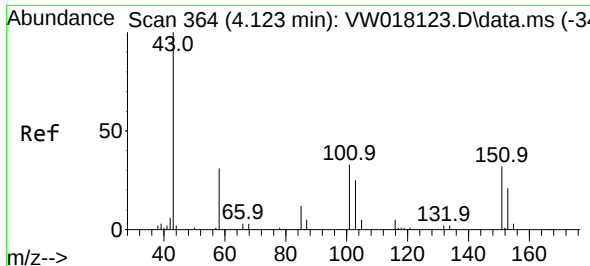
Instrument :
MSVOA_W
ClientSampleId :
DBGY5RE

Manual Integrations
APPROVED

MMDadoda
2/17/2021 10:35:24 AM

Quant Time: Feb 16 02:24:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 16 02:20:15 2021
Response via : Initial Calibration





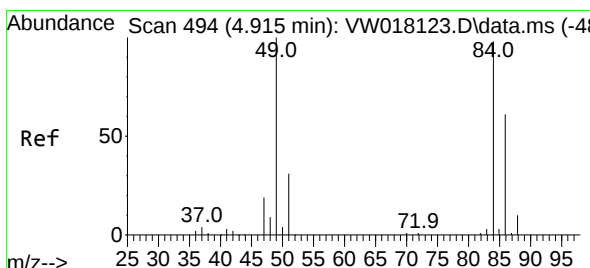
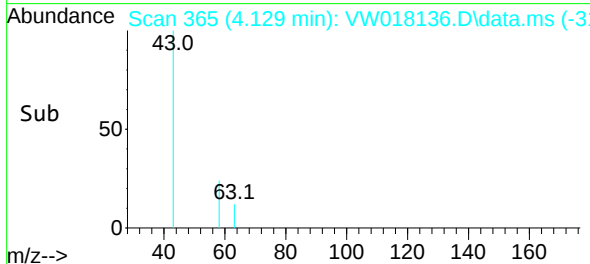
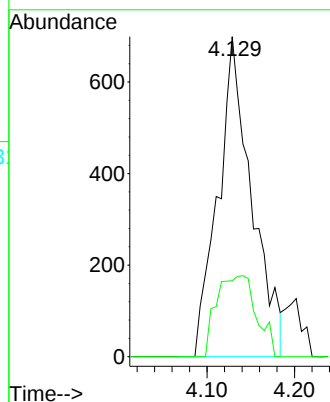
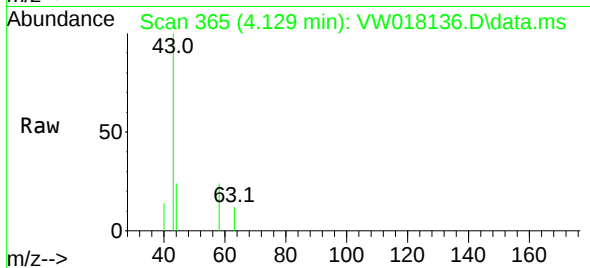
#13
Acetone
Concen: 2.72 ug/L m
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 1.5 0.0 68.4

Instrument :
MSVOA_W
ClientSampleId :
DBGY5RE

Manual Integrations
APPROVED

MMDadoda
2/17/2021 10:35:24 AM



#16
Methylene chloride
Concen: 1.98 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018136.D
Acq: 15 Feb 2021 15:28

Tgt Ion: 84 Resp: 8866
Ion Ratio Lower Upper
84 100
49 112.2 81.2 150.8
86 63.4 44.5 82.7

