

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
 Data File : VW018452.D
 Acq On : 25 Mar 2021 13:00
 Operator : SY/VA
 Sample : M1781-03
 Misc : 3.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4C4

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 6:17:09 PM

Quant Time: Mar 26 01:30:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 26 01:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	475255	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	469462	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	298687	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	128784	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.88%		
7) Chloroethane-d5	2.867	69	118912	20.54	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.16%		
10) 1,1-Dichloroethene-d2	4.013	63	159168	13.94	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.76%		
20) 2-Butanone-d5	7.074	46	61754	41.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.88%		
24) Chloroform-d	7.647	84	231466	19.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.48%		
26) 1,2-Dichloroethane-d4	8.299	65	142605	20.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.72%		
29) Benzene-d6	8.269	84	454508	18.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.84%		
33) 1,2-Dichloropropane-d6	9.268	67	131226	18.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	72.92%		
37) Toluene-d8	10.323	98	448590	18.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.68%		
38) trans-1,3-Dichloroprop...	10.573	79	63218	17.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.12%		
39) 2-Hexanone-d5	10.921	63	54553	38.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.44%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	148224	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.08%		
61) 1,2-Dichlorobenzene-d4	13.853	152	209959	19.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.08%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	3153m	2.98	ug/L	
16) Methylene chloride	4.909	84	12987	1.67	ug/L	92

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

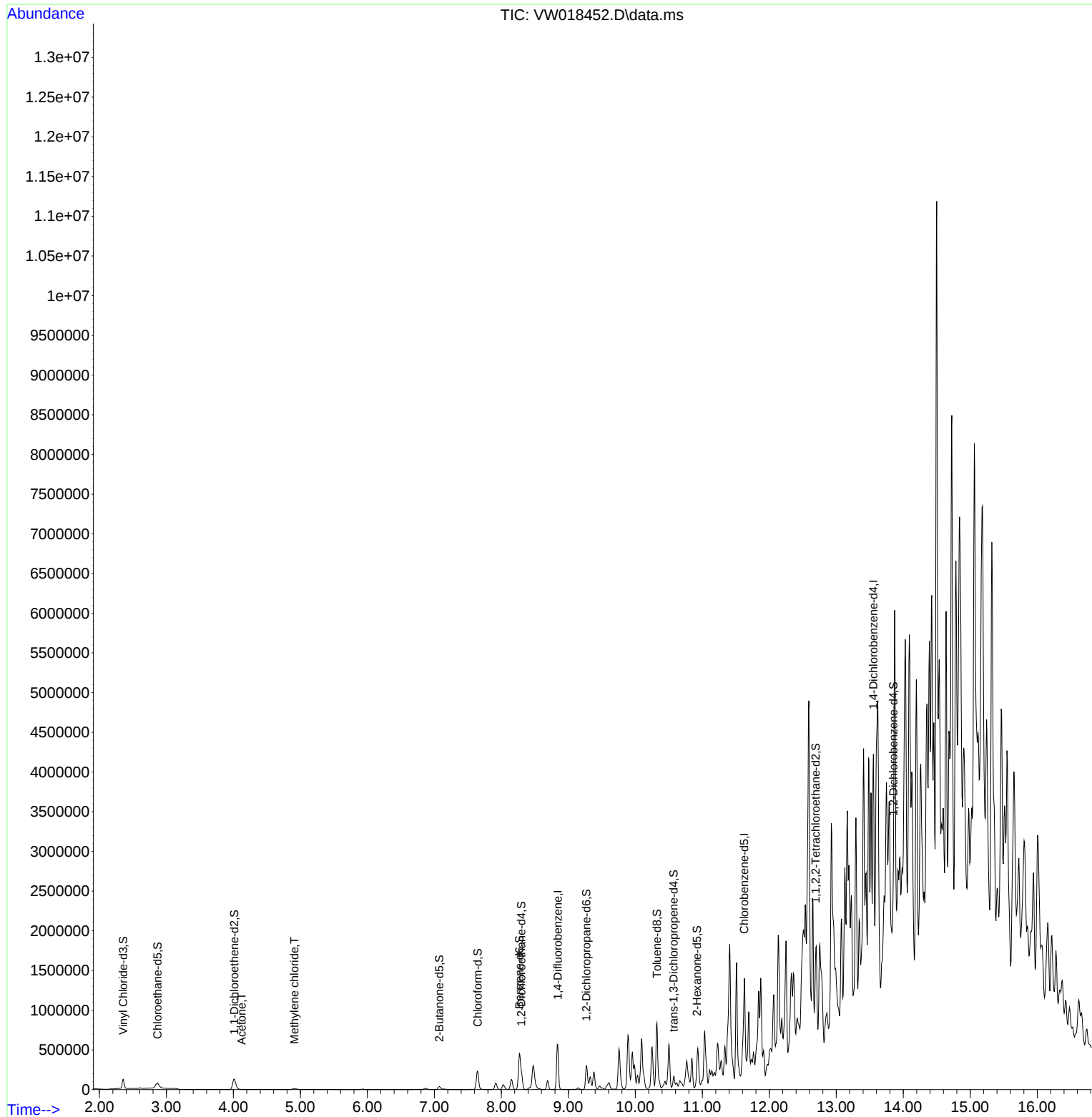
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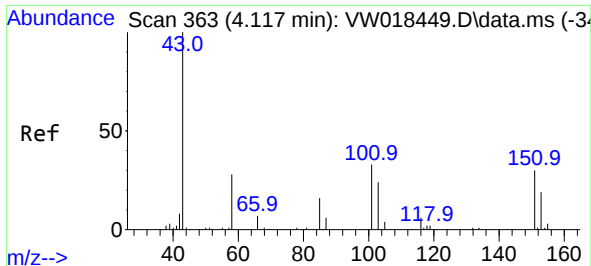
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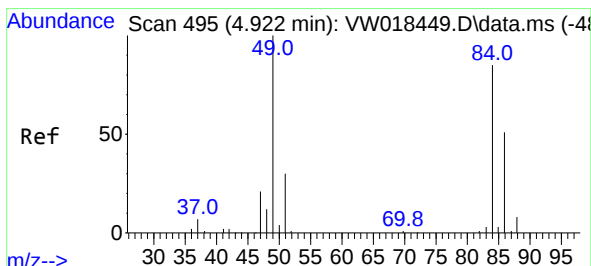
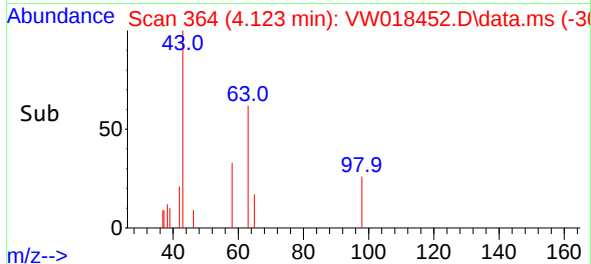
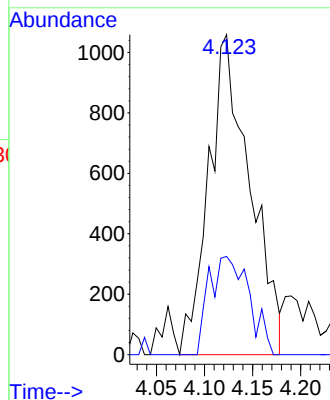
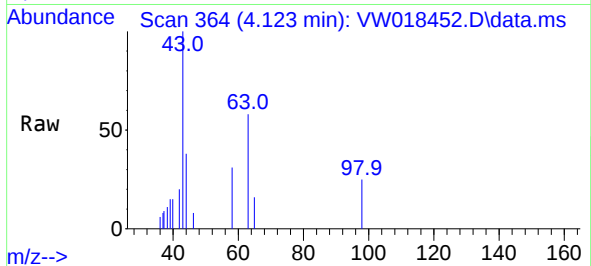
#13
Acetone
Concen: 2.98 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018452.D
Acq: 25 Mar 2021 13:00

Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
58 6.9 0.0 62.2

Instrument :
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ClientSampled :
BG4C4

Manual Integrations
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#16
Methylene chloride
Concen: 1.67 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018452.D
Acq: 25 Mar 2021 13:00

Tgt Ion: 84 Resp: 12987
Ion Ratio Lower Upper
84 100
49 100.1 74.4 138.2
86 57.5 46.1 85.7

