

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018164.D
 Acq On : 16 Feb 2021 15:51
 Operator : SY/VA
 Sample : M1414-06
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 DBGX2

Manual Integrations
 APPROVED

MMDadoda
 2/18/2021 11:54:28 AM

Quant Time: Feb 17 01:06:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	417074	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	142875	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65290	12.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.40%		
7) Chloroethane-d5	2.897	69	61066	14.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.36%		
10) 1,1-Dichloroethene-d2	4.025	63	111598	10.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	43.08%#		
20) 2-Butanone-d5	7.073	46	39794	28.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.54%		
24) Chloroform-d	7.646	84	201721	18.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.72%		
26) 1,2-Dichloroethane-d4	8.305	65	100081	17.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	68.68%#		
29) Benzene-d6	8.274	84	376620	20.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.84%		
33) 1,2-Dichloropropane-d6	9.274	67	110542	21.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.84%		
37) Toluene-d8	10.323	98	334965	18.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.56%		
38) trans-1,3-Dichloroprop...	10.579	79	39643	16.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.12%		
39) 2-Hexanone-d5	10.920	63	32655	32.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.54%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	82049	17.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	98222	19.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.08%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	12135	11.86	ug/L	96
14) Carbon disulfide	4.397	76	14070	0.87	ug/L #	95
16) Methylene chloride	4.915	84	6764m	1.01	ug/L	
21) 2-Butanone	7.177	43	2187	1.40	ug/L #	67

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

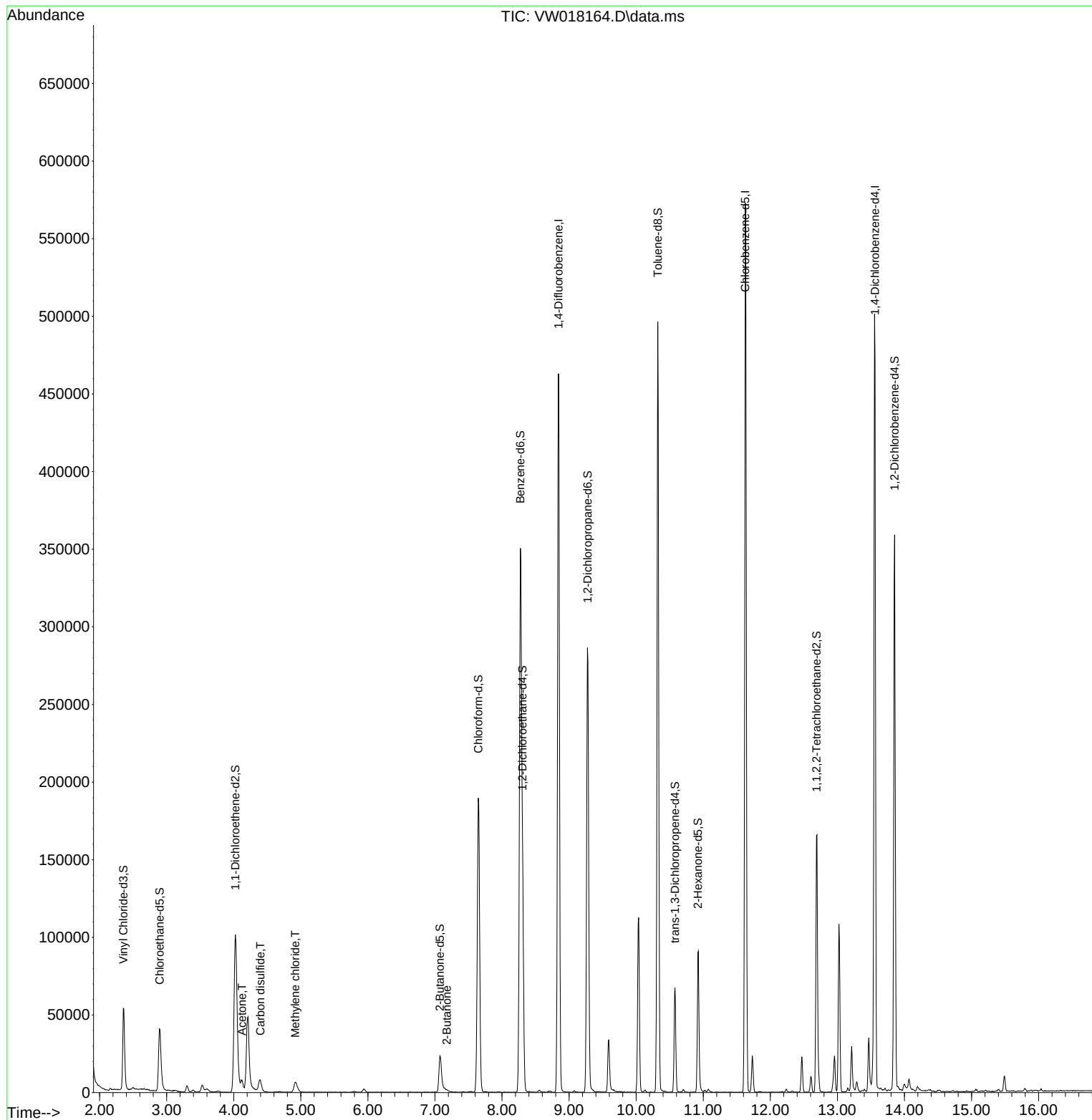
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
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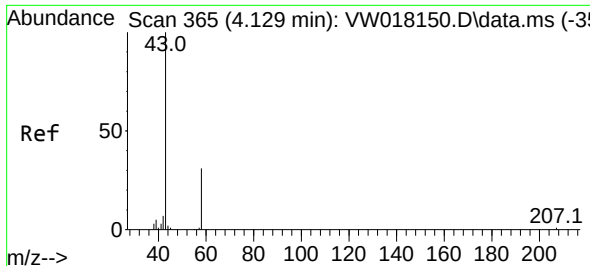
Instrument :
MSVOA_W
ClientSampleId :
DBGX2

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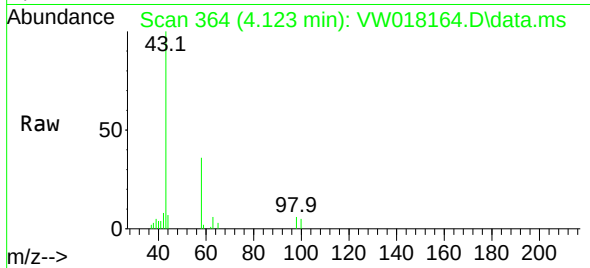
Quant Time: Feb 17 01:06:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
Response via : Initial Calibration





#13
Acetone
Concen: 11.86 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51

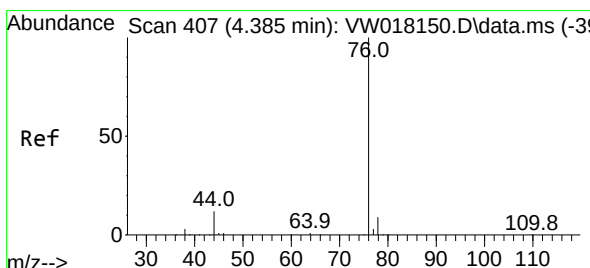
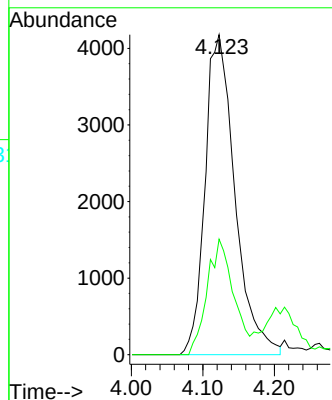
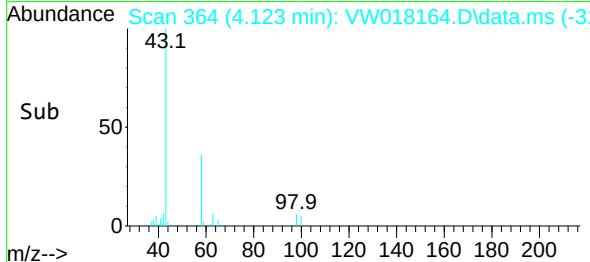
Instrument :
MSVOA_W
ClientSampleId :
DBGX2



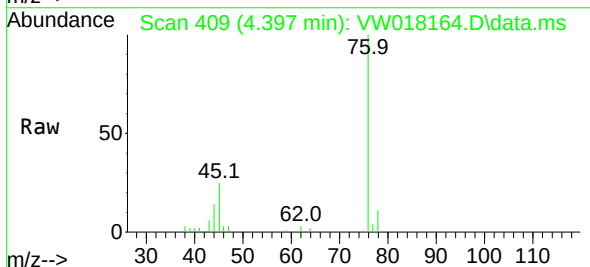
Tgt Ion: 43 Resp: 12135
Ion Ratio Lower Upper
43 100
58 31.9 0.0 68.4

Manual Integrations
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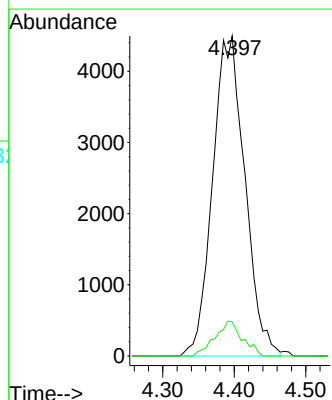
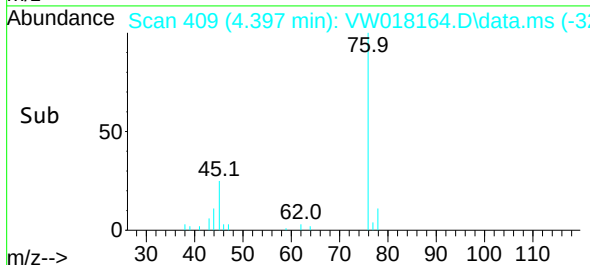
MMDadoda
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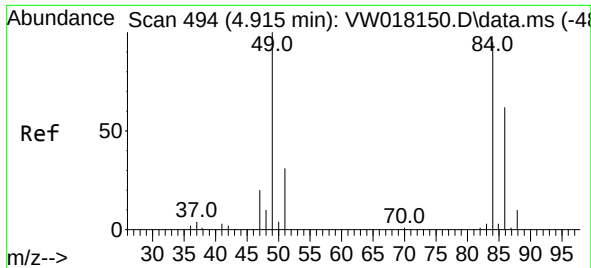


#14
Carbon disulfide
Concen: 0.87 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51



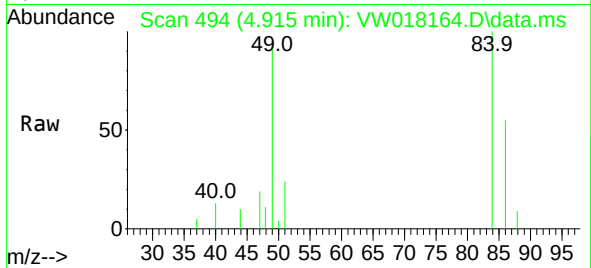
Tgt Ion: 76 Resp: 14070
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4#





#16
Methylene chloride
Concen: 1.01 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
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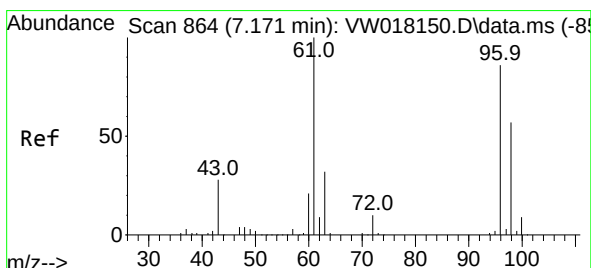
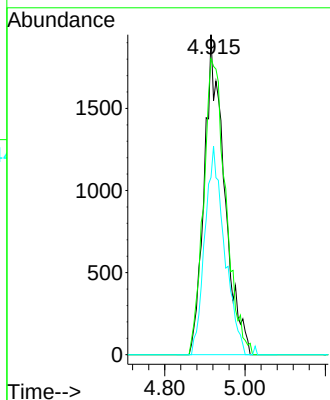
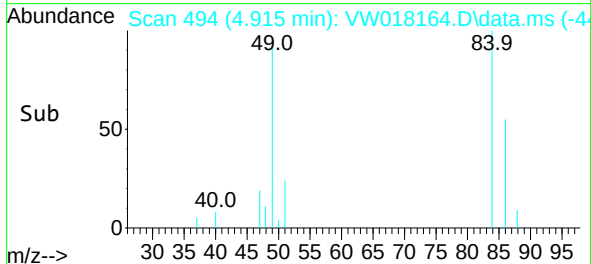


Tgt Ion: 84 Resp: 6764

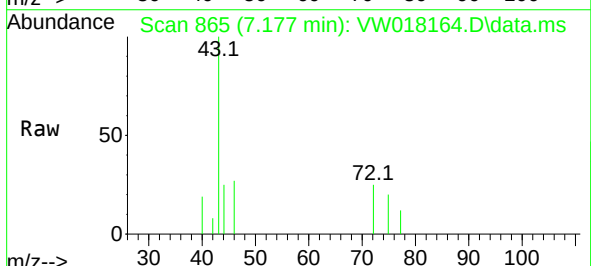
Ion	Ratio	Lower	Upper
84	100		
49	92.5	81.2	150.8
86	55.4	44.5	82.7

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#21
2-Butanone
Concen: 1.40 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018164.D
Acq: 16 Feb 2021 15:51



Tgt Ion: 43 Resp: 2187

Ion	Ratio	Lower	Upper
43	100		
72	11.4	14.4	43.2#

