

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018597.D
 Acq On : 08 Apr 2021 12:34
 Operator : SY/VA
 Sample : M1896-09
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 VHBLK01

Manual Integrations
 APPROVED

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 4/9/2021 7:55:34 PM

Quant Time: Apr 09 03:12:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	476895	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	210435	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148322	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.40%		
7) Chloroethane-d5	2.891	69	129124	22.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.92%		
10) 1,1-Dichloroethene-d2	4.019	63	177875	15.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.08%		
20) 2-Butanone-d5	7.074	46	66937	45.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.62%		
24) Chloroform-d	7.647	84	290681	23.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.72%		
26) 1,2-Dichloroethane-d4	8.305	65	174013	24.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.16%		
29) Benzene-d6	8.275	84	558987	24.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.44%		
33) 1,2-Dichloropropane-d6	9.274	67	170137	25.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.84%		
37) Toluene-d8	10.323	98	530584	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.08%		
38) trans-1,3-Dichloroprop...	10.579	79	71536	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.84%		
39) 2-Hexanone-d5	10.926	63	55417	42.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.58%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	144815	24.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	186832	24.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.88%		
Target Compounds						Qvalue
13) Acetone	4.129	43	3940m	3.71	ug/L	
16) Methylene chloride	4.934	84	12388m	1.58	ug/L	
44) Toluene	10.390	91	8999	0.32	ug/L	87

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

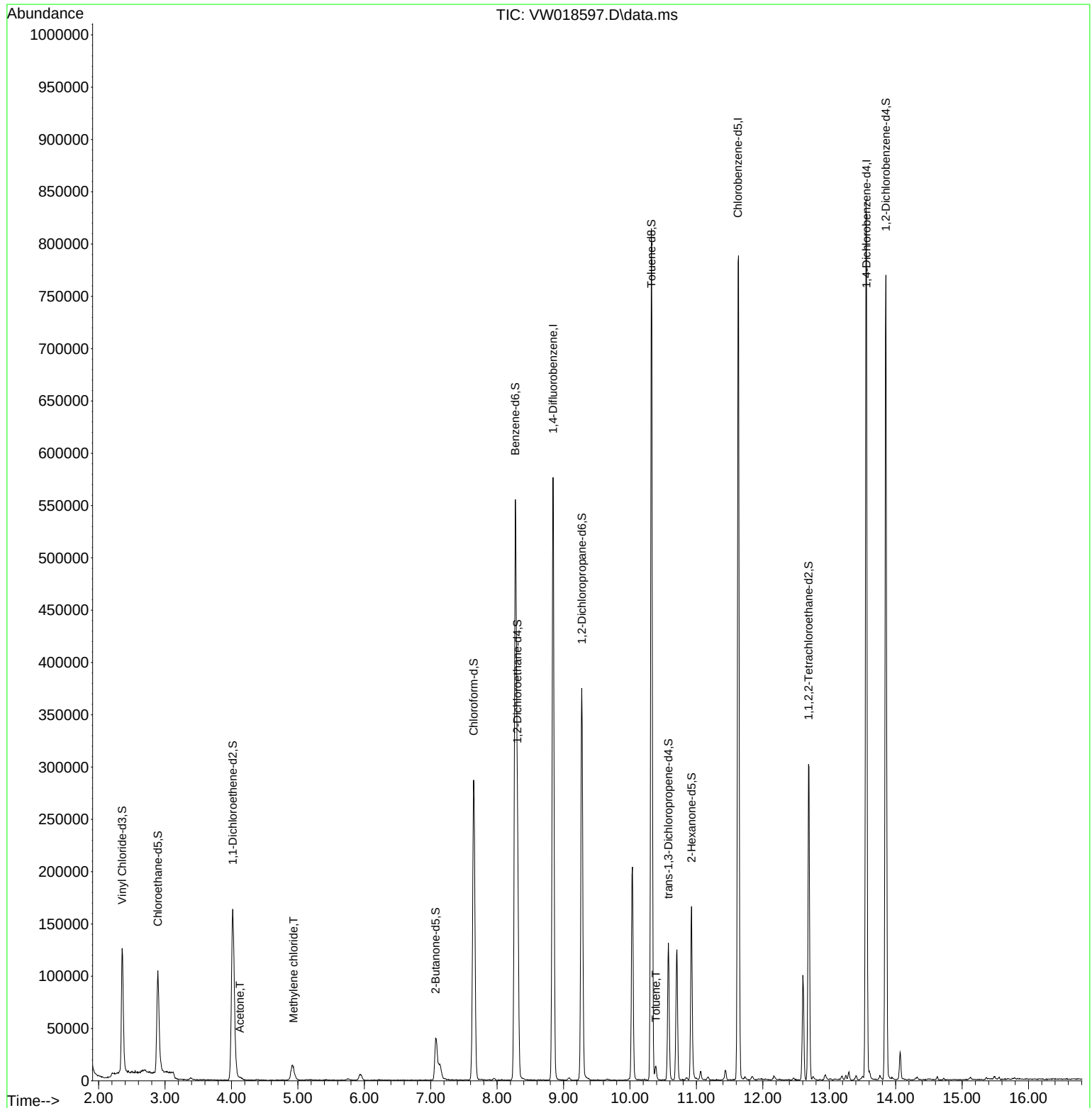
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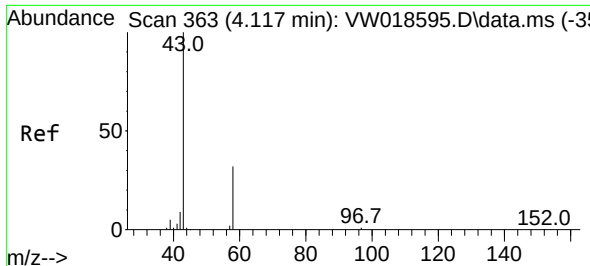
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

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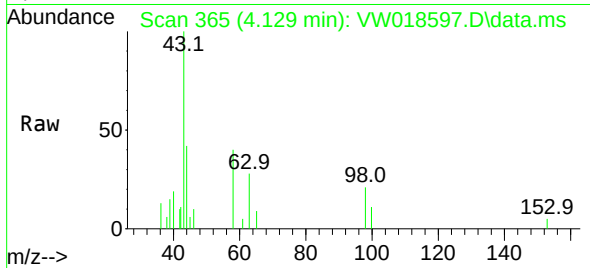
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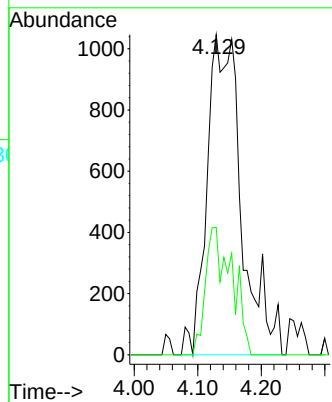
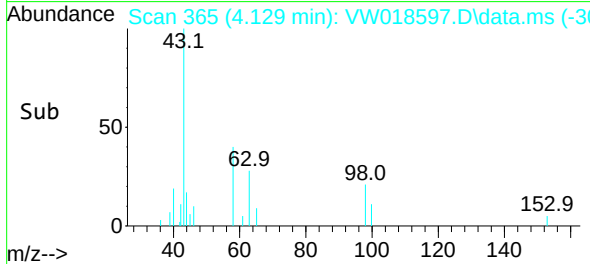




#13
Acetone
Concen: 3.71 ug/L m
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018597.D
Acq: 08 Apr 2021 12:34



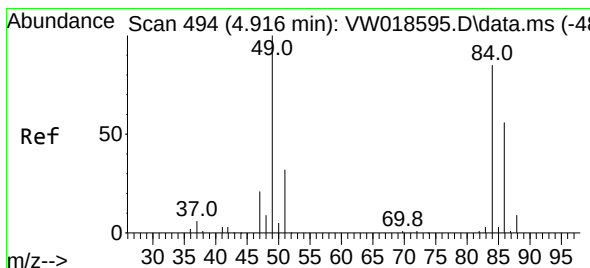
Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
58 16.2 0.0 62.2



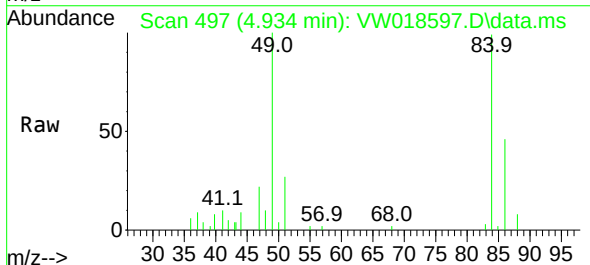
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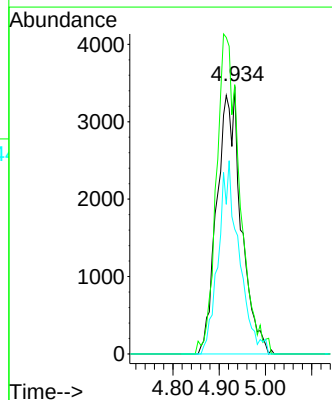
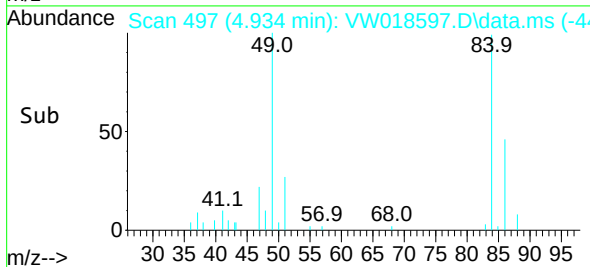
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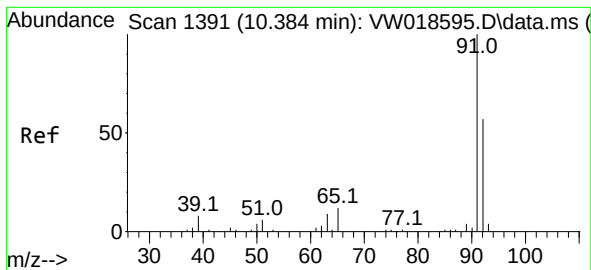


#16
Methylene chloride
Concen: 1.58 ug/L m
RT: 4.934 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018597.D
Acq: 08 Apr 2021 12:34



Tgt Ion: 84 Resp: 12388
Ion Ratio Lower Upper
84 100
49 100.6 74.4 138.2
86 46.7 46.1 85.7





#44

Toluene

Concen: 0.32 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018597.D

Acq: 08 Apr 2021 12:34

Tgt Ion: 91 Resp: 8999

Ion	Ratio	Lower	Upper
91	100		
92	50.3	42.3	78.5

Instrument :

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ClientSampleId :

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