

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018566.D
 Acq On : 06 Apr 2021 15:06
 Operator : SY/VA
 Sample : M1896-17
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A3

Manual Integrations
 APPROVED

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 4/7/2021 5:17:30 PM

Quant Time: Apr 07 01:15:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	575417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	528076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	267184	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	166562	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.20%		
7) Chloroethane-d5	2.891	69	131328	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.96%		
10) 1,1-Dichloroethene-d2	4.019	63	193914	14.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.12%		
20) 2-Butanone-d5	7.080	46	70292	39.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.86%		
24) Chloroform-d	7.647	84	283657	19.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.40%		
26) 1,2-Dichloroethane-d4	8.305	65	171804	20.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.32%		
29) Benzene-d6	8.275	84	564453	20.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.44%		
33) 1,2-Dichloropropane-d6	9.274	67	164231	20.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.12%		
37) Toluene-d8	10.323	98	556579	20.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.36%		
38) trans-1,3-Dichloroprop...	10.579	79	73133	17.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.04%		
39) 2-Hexanone-d5	10.927	63	57608	36.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.70%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	144979	20.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	181755	19.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.52%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	3218	2.51	ug/L	68
16) Methylene chloride	4.922	84	9576m	1.01	ug/L	
44) Toluene	10.390	91	8834	0.25	ug/L	99

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

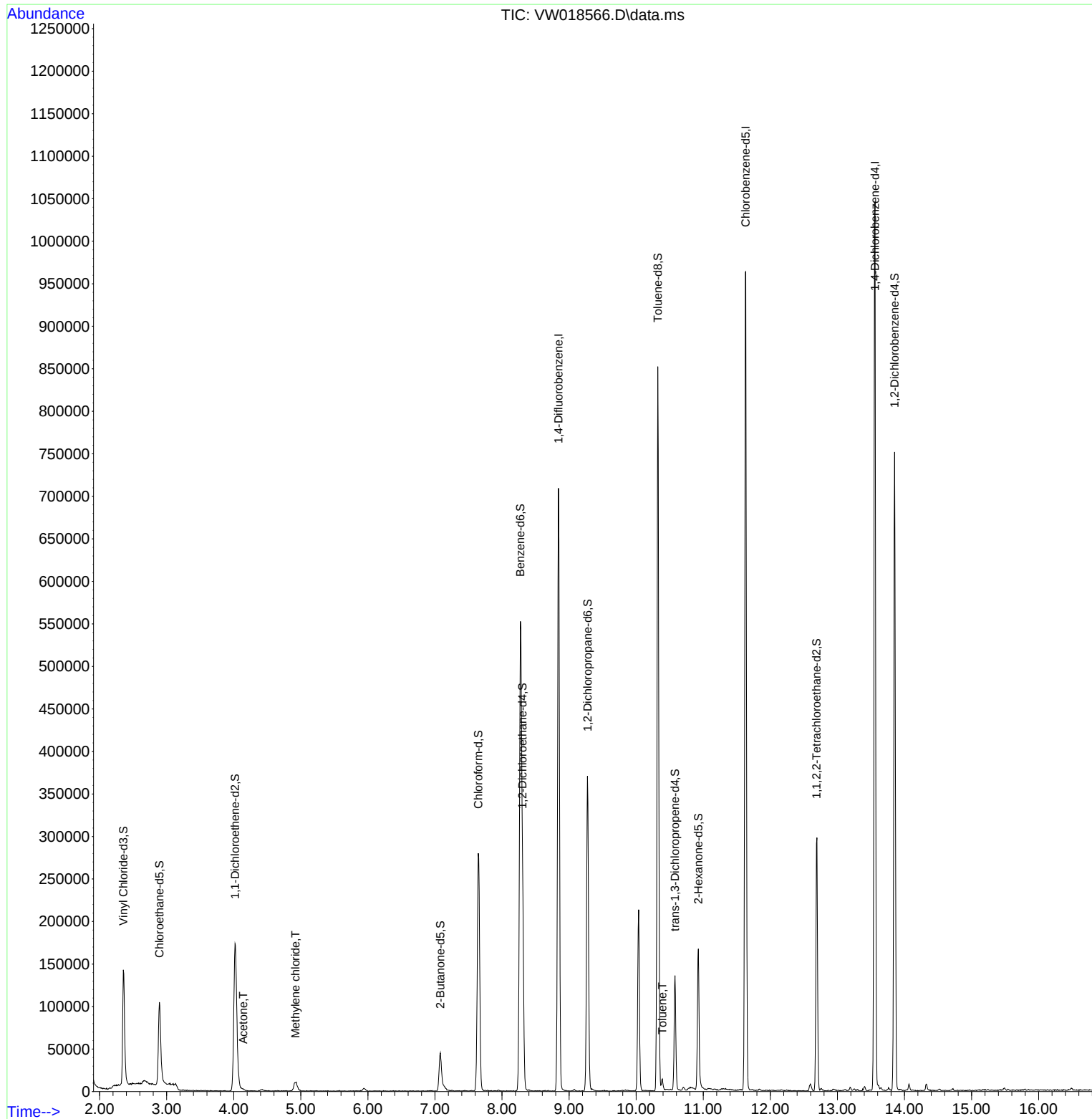
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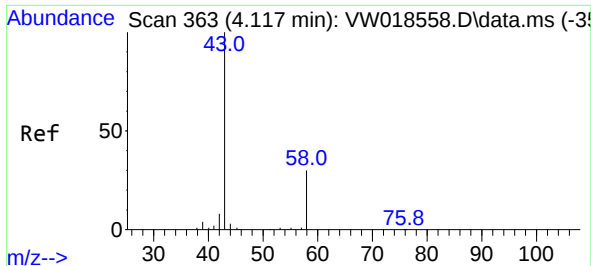
Instrument :
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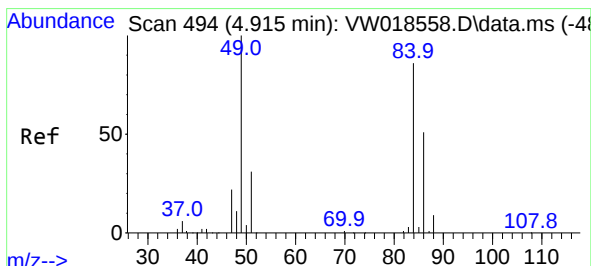
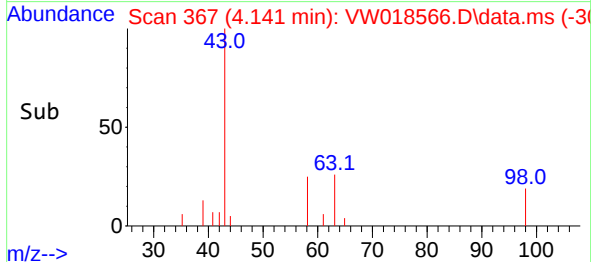
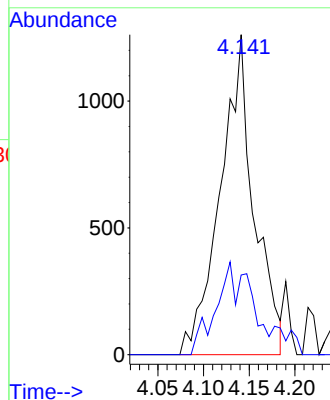
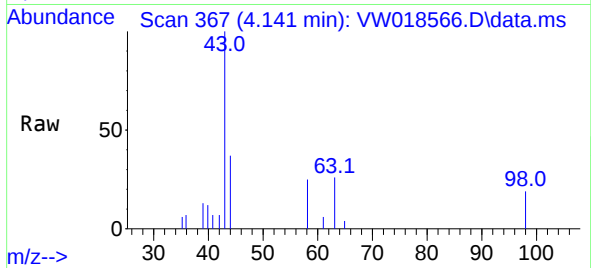
#13
Acetone
Concen: 2.51 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW018566.D
Acq: 06 Apr 2021 15:06

Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
58 13.3 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG5A3

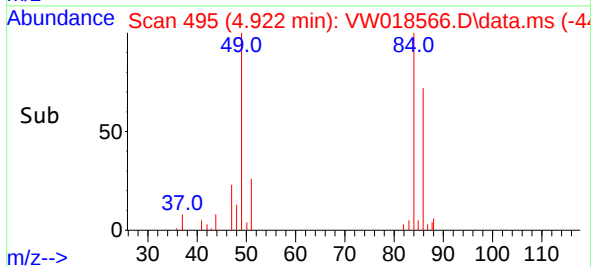
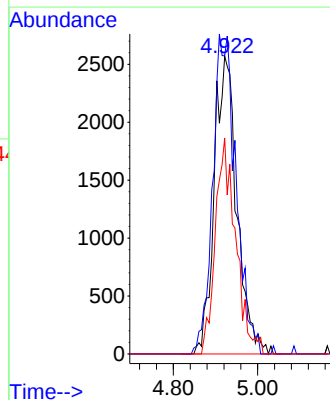
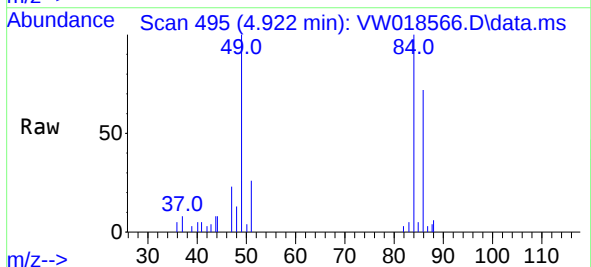
Manual Integrations
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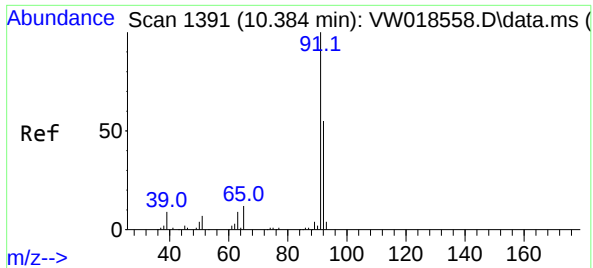
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#16
Methylene chloride
Concen: 1.01 ug/L m
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018566.D
Acq: 06 Apr 2021 15:06

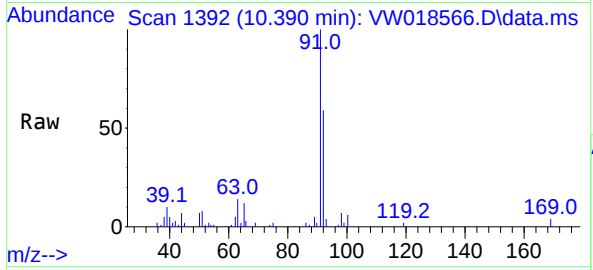
Tgt Ion: 84 Resp: 9576
Ion Ratio Lower Upper
84 100
49 100.1 74.4 138.2
86 72.5 46.1 85.7





#44
Toluene
Concen: 0.25 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
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Instrument :
MSVOA_W
ClientSampled :
BG5A3



Tgt Ion: 91 Resp: 8834
Ion Ratio Lower Upper
91 100
92 59.3 42.3 78.5

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