

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018194.D
 Acq On : 17 Feb 2021 18:12
 Operator : SY/VA
 Sample : M1414-15
 Misc : 7.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 DBH01

Manual Integrations
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 2/18/2021 2:53:24 PM

Quant Time: Feb 18 06:18:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	427700	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	385172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	197617	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93165	17.53	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	70.12%		
7) Chloroethane-d5	2.892	69	73350	17.39	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	69.56%		
10) 1,1-Dichloroethene-d2	4.025	63	145656	13.71	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	54.84%		
20) 2-Butanone-d5	7.080	46	39700	27.99	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	55.98%		
24) Chloroform-d	7.647	84	217879	19.41	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	77.64%		
26) 1,2-Dichloroethane-d4	8.305	65	108556	18.16	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	72.64%		
29) Benzene-d6	8.275	84	453293	21.43	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	85.72%		
33) 1,2-Dichloropropane-d6	9.275	67	122185	20.66	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	82.64%		
37) Toluene-d8	10.323	98	434248	21.58	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	86.32%		
38) trans-1,3-Dichloroprop...	10.579	79	50291	18.76	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	75.04%		
39) 2-Hexanone-d5	10.927	63	34649	30.64	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	61.28%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	89854	17.29	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	69.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	147308	20.90	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	83.60%		
Target Compounds						
13) Acetone	4.117	43	35224	33.56	ug/L	100
16) Methylene chloride	4.922	84	8738	1.27	ug/L	91
21) 2-Butanone	7.183	43	2029m	1.27	ug/L	
44) Toluene	10.390	91	22458	0.91	ug/L	96

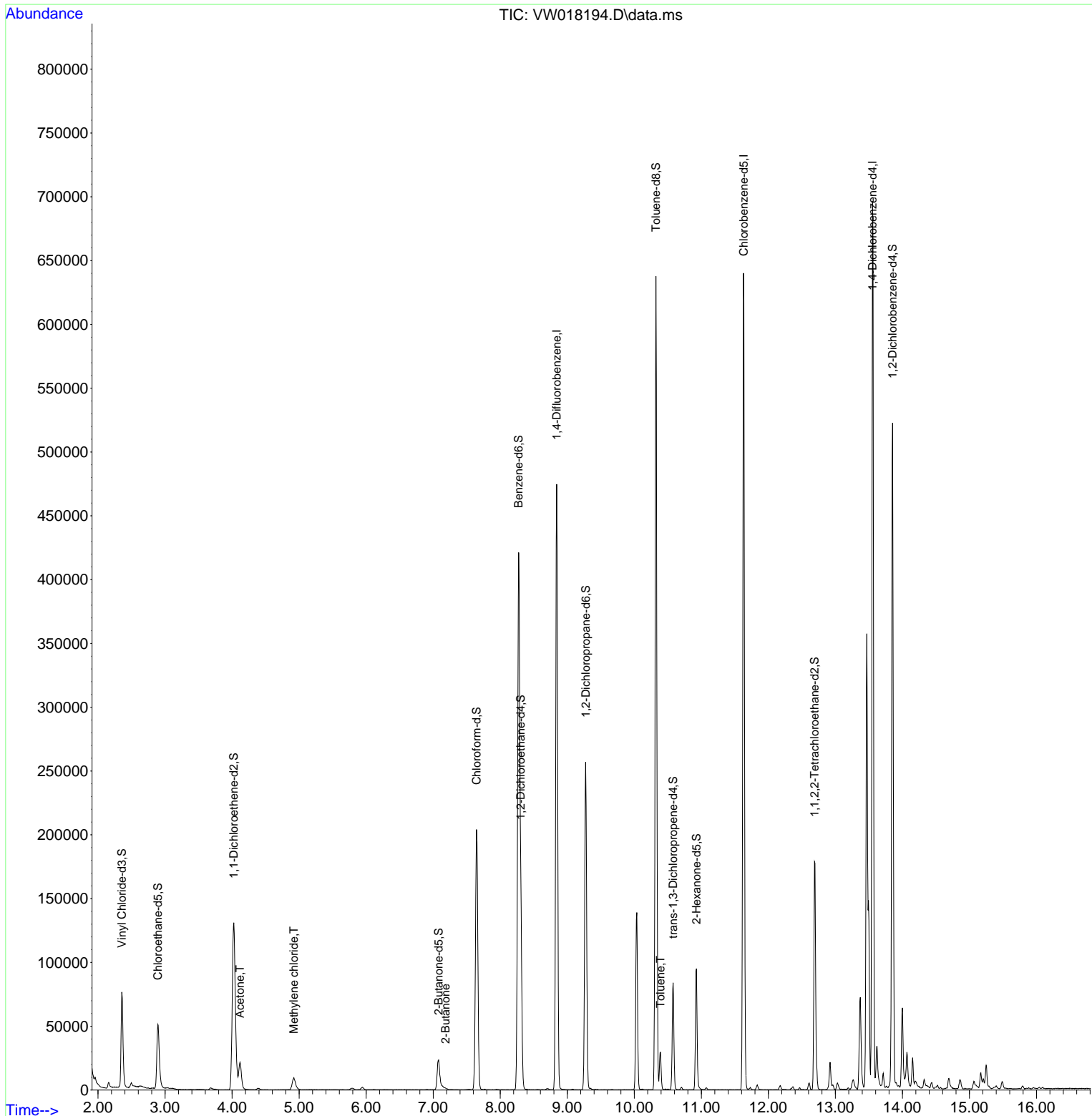
(#) = qualifier out of range (m) = manual integration (+) = signals summed

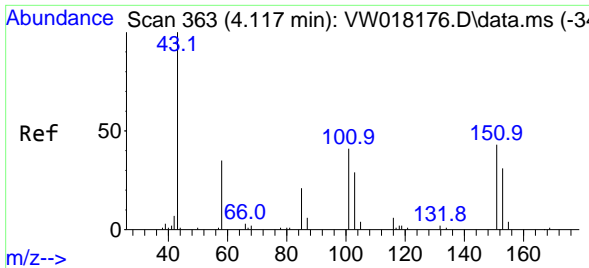
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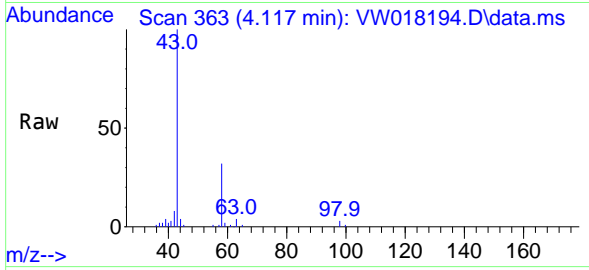
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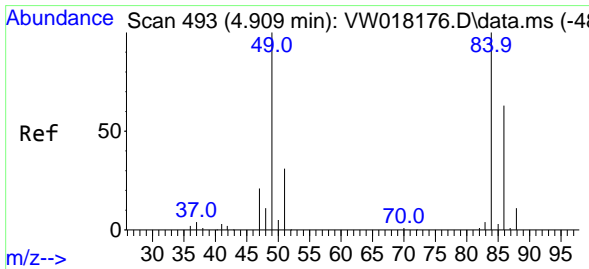
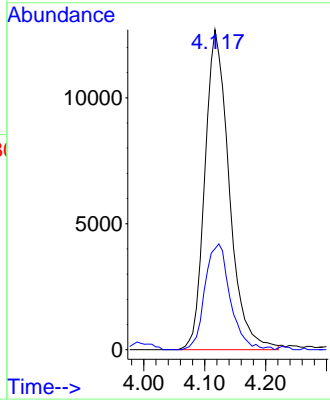
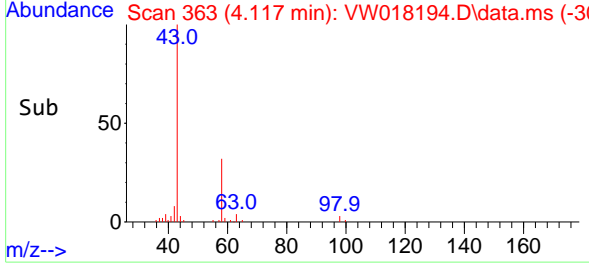
#13
 Acetone
 Concen: 33.56 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: VW018194.D
 Acq: 17 Feb 2021 18:12

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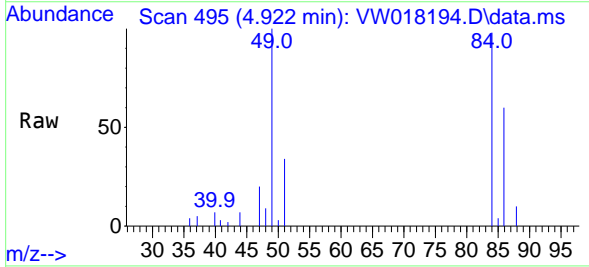


Tgt Ion: 43 Resp: 35224
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 68.4

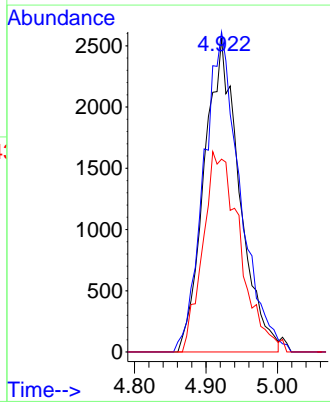
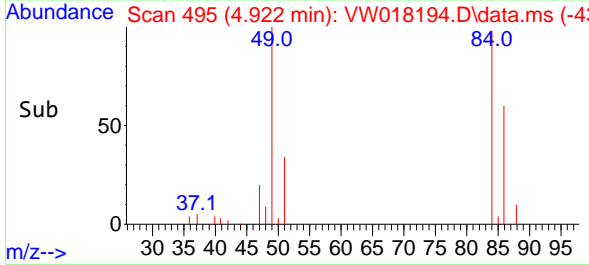
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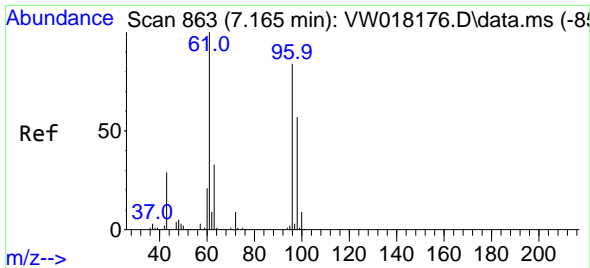


#16
 Methylene chloride
 Concen: 1.27 ug/L
 RT: 4.922 min Scan# 495
 Delta R.T. 0.012 min
 Lab File: VW018194.D
 Acq: 17 Feb 2021 18:12



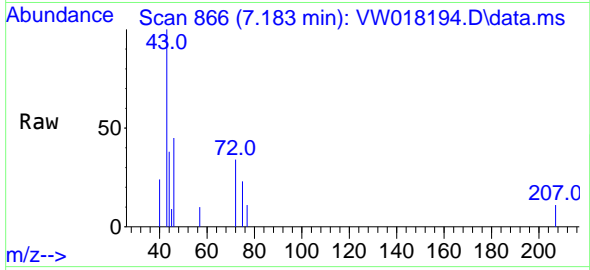
Tgt Ion: 84 Resp: 8738
 Ion Ratio Lower Upper
 84 100
 49 101.9 81.2 150.8
 86 61.4 44.5 82.7





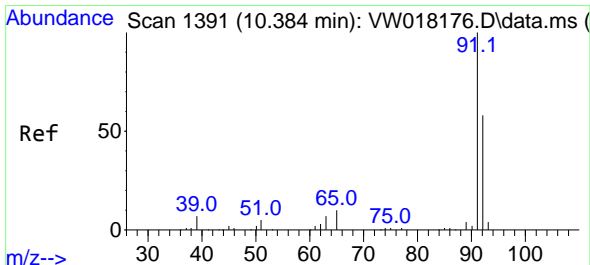
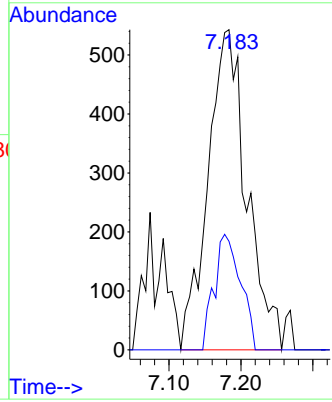
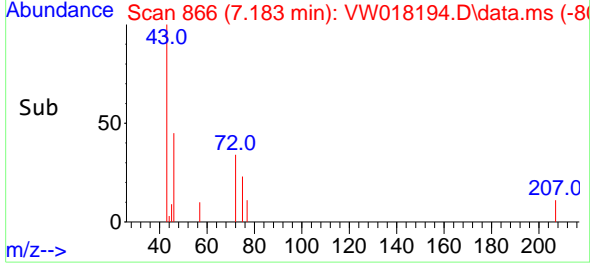
#21
 2-Butanone
 Concen: 1.27 ug/L m
 RT: 7.183 min Scan# 866
 Delta R.T. 0.018 min
 Lab File: VW018194.D
 Acq: 17 Feb 2021 18:12

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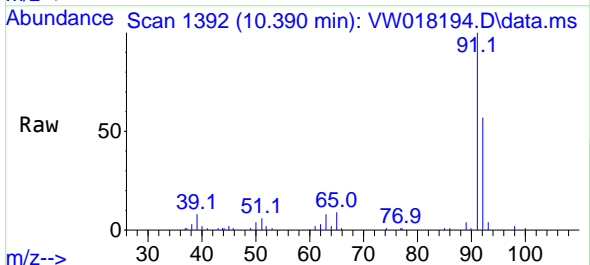


Tgt Ion: 43 Resp: 2029
 Ion Ratio Lower Upper
 43 100
 72 19.9 14.4 43.2

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#44
 Toluene
 Concen: 0.91 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: VW018194.D
 Acq: 17 Feb 2021 18:12



Tgt Ion: 91 Resp: 22458
 Ion Ratio Lower Upper
 91 100
 92 56.8 41.6 77.3

