

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018265.D
 Acq On : 09 Mar 2021 15:04
 Operator : SY/VA
 Sample : M1610-04
 Misc : 6.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG557

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 3:14:08 PM

Quant Time: Mar 10 02:16:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	236153	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	219502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	98913	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77687	30.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.52%			
7) Chloroethane-d5	2.891	69	63563	30.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.44%			
10) 1,1-Dichloroethene-d2	4.025	63	132370	22.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.12%			
20) 2-Butanone-d5	7.080	46	31381	51.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.22%			
24) Chloroform-d	7.653	84	173314	27.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.36%			
26) 1,2-Dichloroethane-d4	8.305	65	101665	28.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.48%			
29) Benzene-d6	8.275	84	333185	28.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.04%			
33) 1,2-Dichloropropane-d6	9.274	67	92402	28.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.16%			
37) Toluene-d8	10.323	98	317748	28.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.72%			
38) trans-1,3-Dichloroprop...	10.579	79	37056	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.36%			
39) 2-Hexanone-d5	10.927	63	27253	50.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.20%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	70207	25.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	106931	29.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.96%			
Target Compounds					Qvalue	
13) Acetone	4.135	43	5540	11.66	ug/L	93
16) Methylene chloride	4.922	84	7387	2.05	ug/L	96
21) 2-Butanone	7.177	43	1957m	2.97	ug/L	
47) Tetrachloroethene	10.859	164	816	0.29	ug/L	91

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

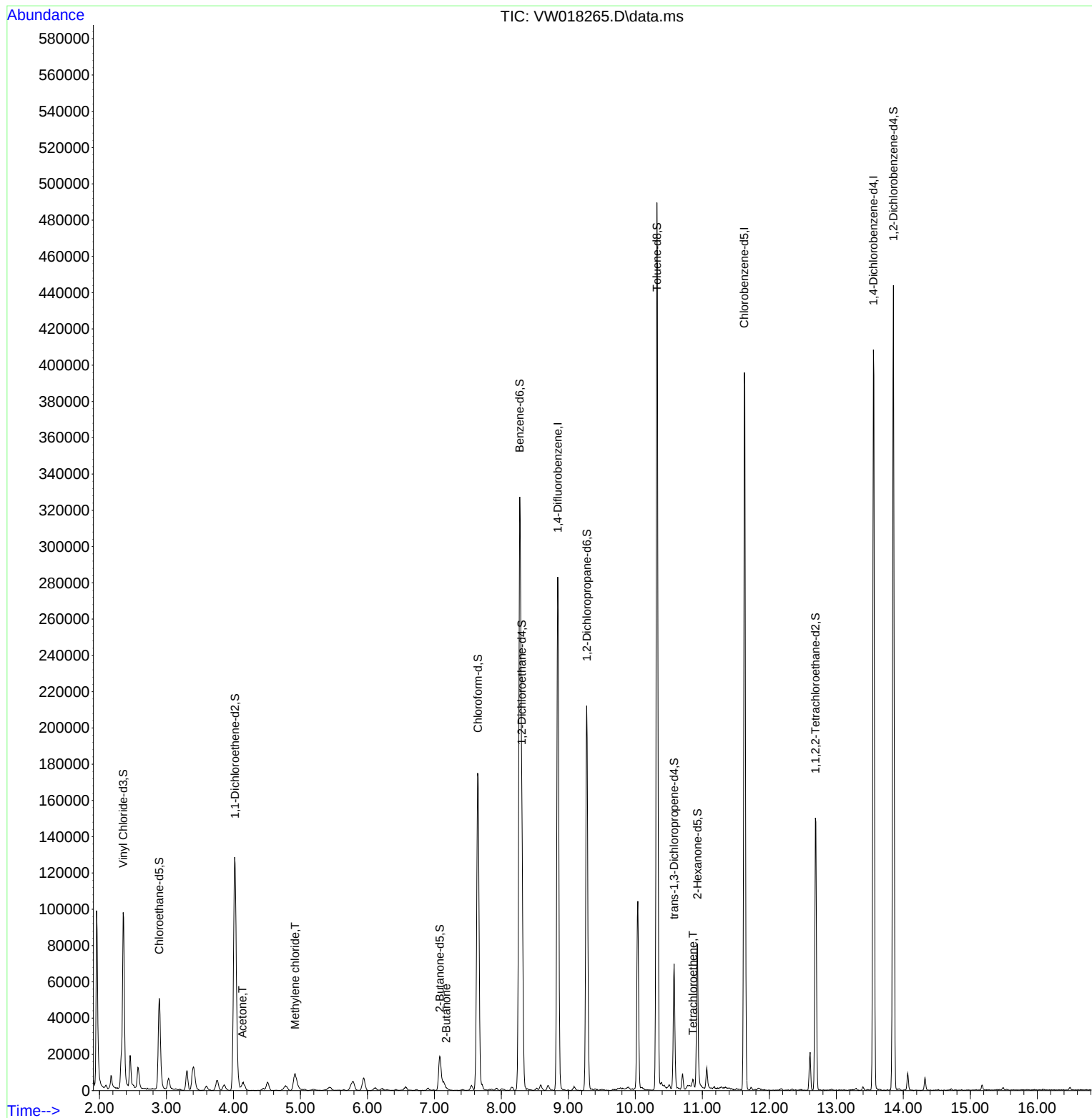
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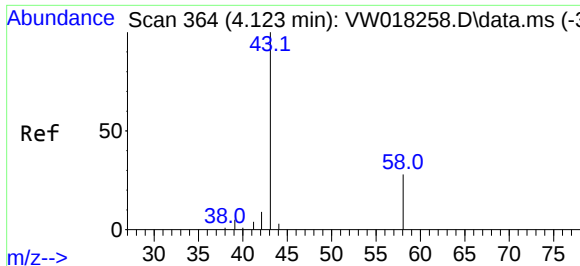
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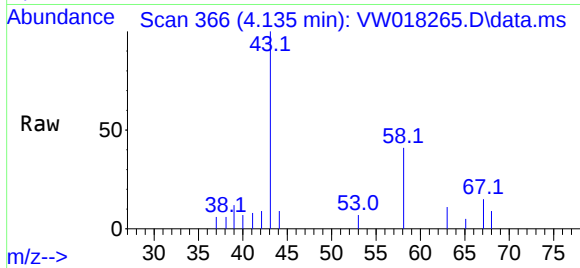
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Quant Time: Mar 10 02:16:10 2021
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Quant Title : VOC Analysis
QLast Update : Wed Mar 10 02:13:53 2021
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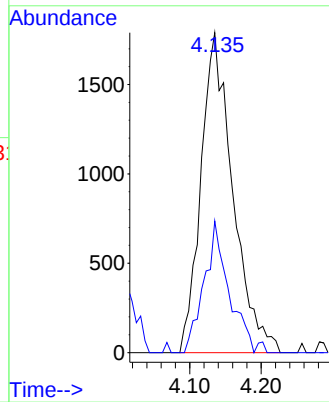
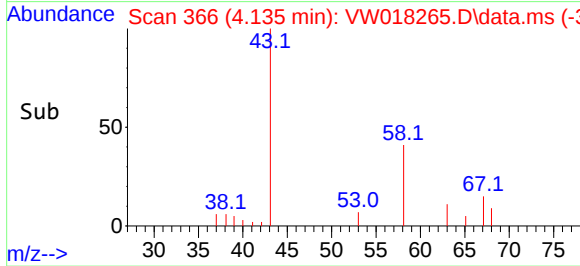




#13
Acetone
Concen: 11.66 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04



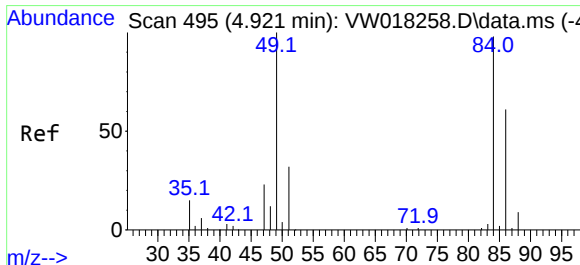
Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 27.1 0.0 62.2



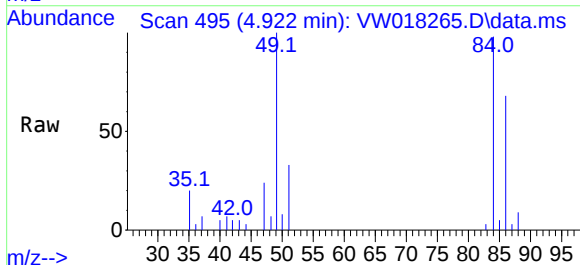
Instrument :
MSVOA_W
ClientSampled :
BG557

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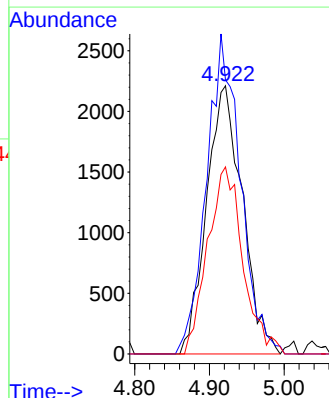
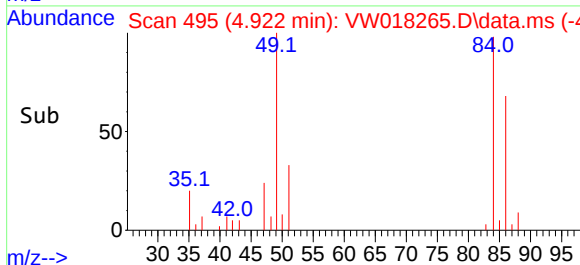
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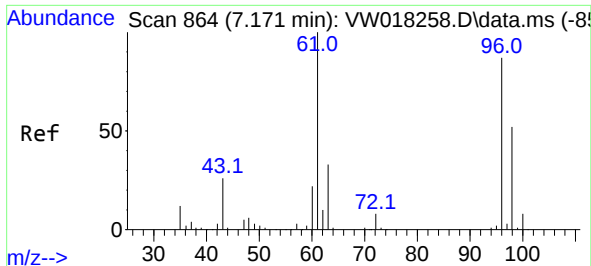


#16
Methylene chloride
Concen: 2.05 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04

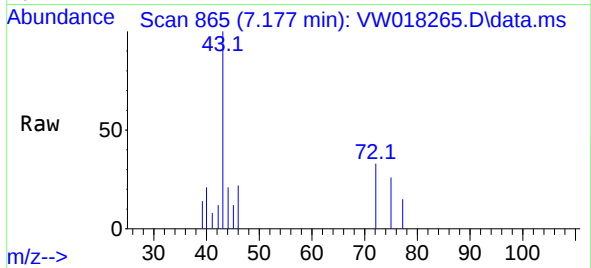


Tgt Ion: 84 Resp: 7387
Ion Ratio Lower Upper
84 100
49 102.2 74.4 138.2
86 69.8 46.1 85.7

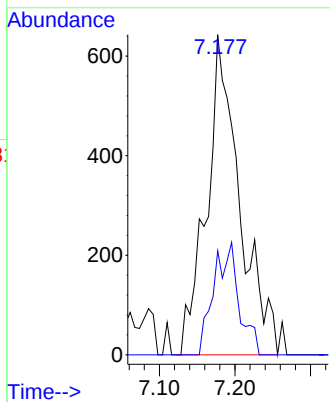
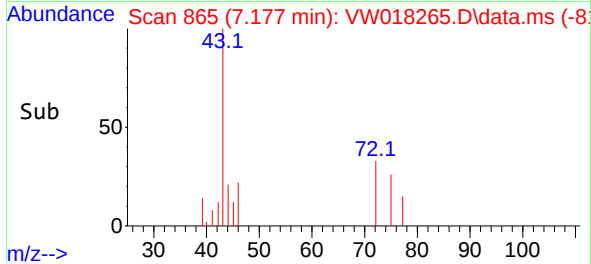




#21
2-Butanone
Concen: 2.97 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04



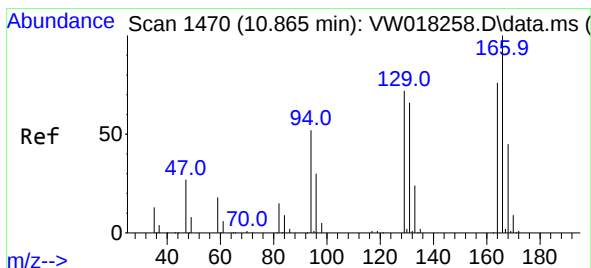
Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
72 12.0 16.5 49.5#



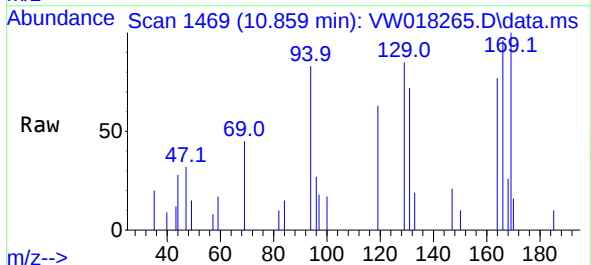
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#47
Tetrachloroethene
Concen: 0.29 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018265.D
Acq: 09 Mar 2021 15:04



Tgt Ion: 164 Resp: 816
Ion Ratio Lower Upper
164 100
129 110.8 68.8 127.8
131 93.0 68.3 126.8
166 124.5 95.4 177.2

