

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018446.D
 Acq On : 24 Mar 2021 16:42
 Operator : SY/VA
 Sample : M1781-20
 Misc : 5.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S5

Manual Integrations
 APPROVED

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 3/26/2021 9:31:52 AM

Quant Time: Mar 25 01:26:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	306640	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	108983	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140426	26.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.84%		
7) Chloroethane-d5	2.891	69	128572	27.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.64%		
10) 1,1-Dichloroethene-d2	4.019	63	157586	17.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.12%		
20) 2-Butanone-d5	7.080	46	67224	56.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.72%		
24) Chloroform-d	7.647	84	233658	23.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.32%		
26) 1,2-Dichloroethane-d4	8.305	65	136702	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.52%		
29) Benzene-d6	8.275	84	442310	27.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.52%		
33) 1,2-Dichloropropane-d6	9.274	67	128604	27.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.40%		
37) Toluene-d8	10.323	98	391092	24.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.68%		
38) trans-1,3-Dichloroprop...	10.579	79	47363	19.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.12%		
39) 2-Hexanone-d5	10.927	63	52482	57.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.06%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	108172	25.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	87913	22.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.76%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	14307	16.70	ug/L	99
16) Methylene chloride	4.916	84	10310m	1.63	ug/L	
21) 2-Butanone	7.177	43	3014	2.21	ug/L	89

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

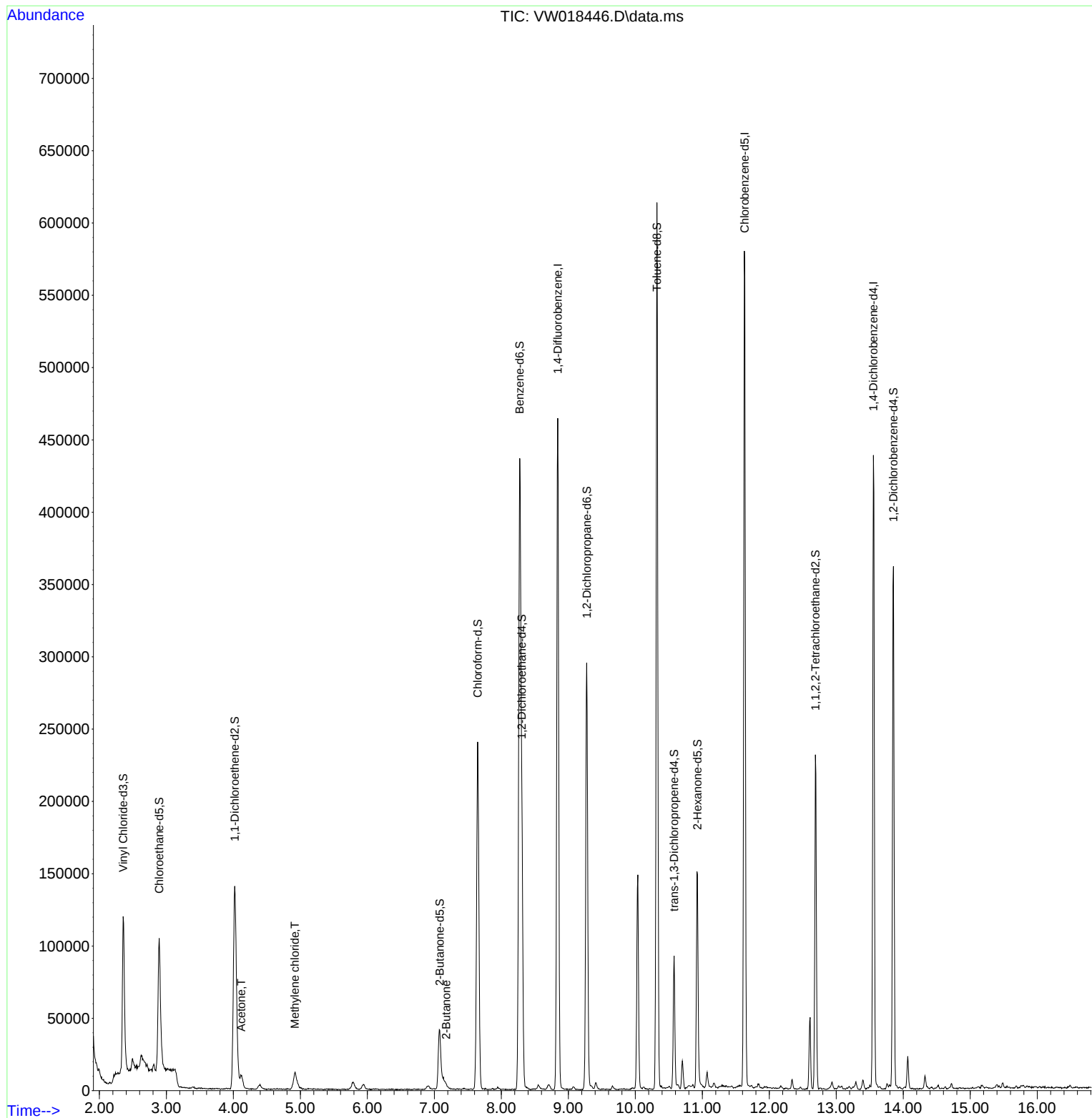
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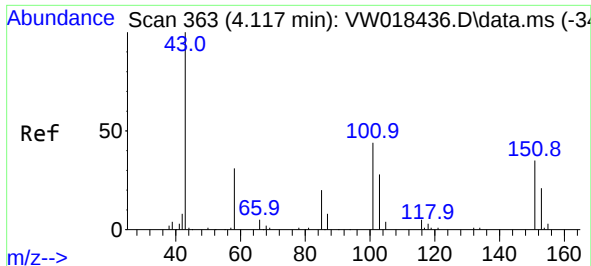
Instrument :
MSVOA_W
ClientSampleId :
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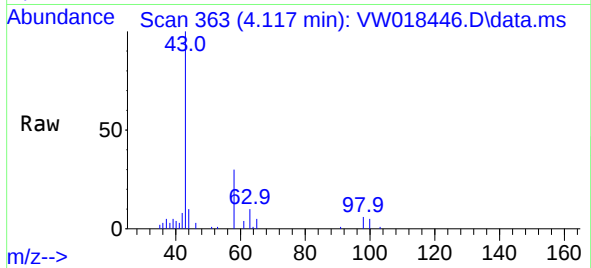
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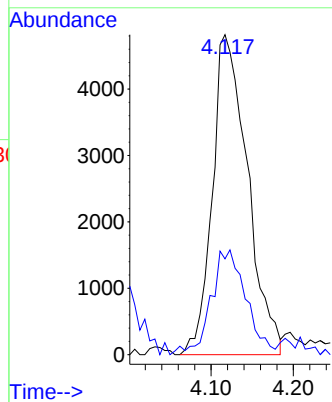
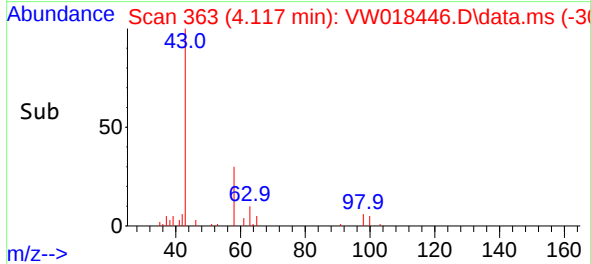




#13
Acetone
Concen: 16.70 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42



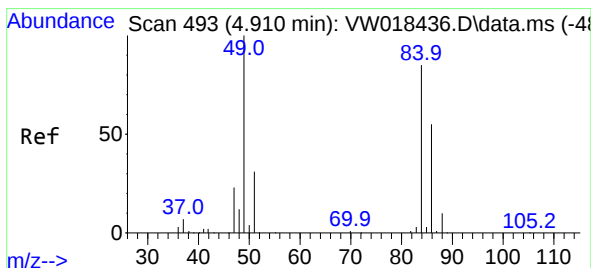
Tgt Ion: 43 Resp: 14307
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.2



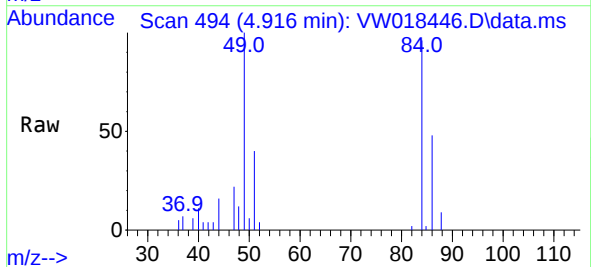
Instrument :
MSVOA_W
ClientSampled :
BG4S5

Manual Integrations
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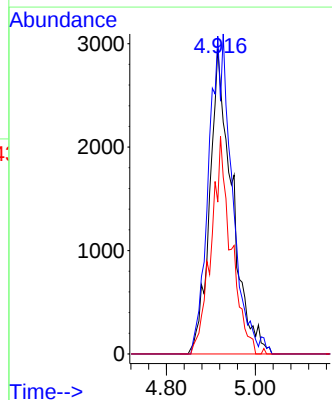
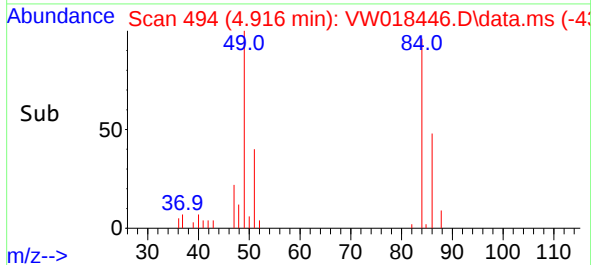
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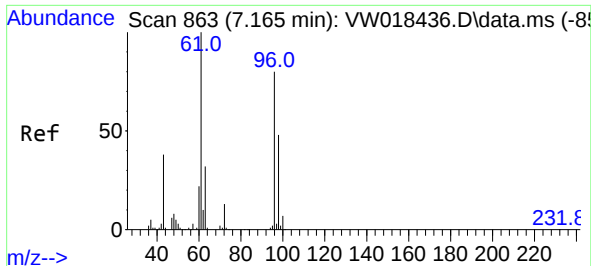


#16
Methylene chloride
Concen: 1.63 ug/L m
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42



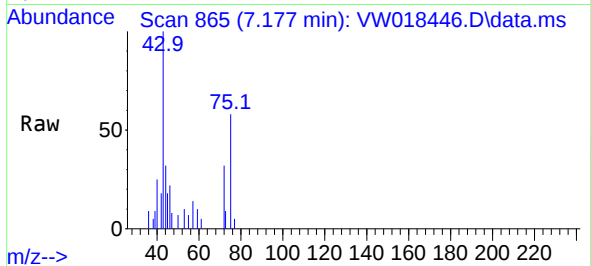
Tgt Ion: 84 Resp: 10310
Ion Ratio Lower Upper
84 100
49 104.2 74.4 138.2
86 49.8 46.1 85.7





#21
2-Butanone
Concen: 2.21 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
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Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
72 39.3 16.5 49.5

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