

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018111.D
 Acq On : 12 Feb 2021 15:35
 Operator : SY/VA
 Sample : M1371-19
 Misc : 4.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH33

Manual Integrations
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Quant Time: Feb 12 22:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	447269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	410329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217994	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	82091	14.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.08%		
7) Chloroethane-d5	2.892	69	72934	16.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.12%		
10) 1,1-Dichloroethene-d2	4.019	63	137385	12.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.44%		
20) 2-Butanone-d5	7.074	46	56422	38.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.08%		
24) Chloroform-d	7.647	84	237378	20.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.88%		
26) 1,2-Dichloroethane-d4	8.305	65	125996	20.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.60%		
29) Benzene-d6	8.275	84	468448	20.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.16%		
33) 1,2-Dichloropropane-d6	9.275	67	134894	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.64%		
37) Toluene-d8	10.323	98	432937	20.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.80%		
38) trans-1,3-Dichloroprop...	10.579	79	57462	20.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.48%		
39) 2-Hexanone-d5	10.921	63	48889	40.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.16%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	114452	20.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.72%		
61) 1,2-Dichlorobenzene-d4	13.847	152	165750	21.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.24%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	5328	4.85	ug/L	76
16) Methylene chloride	4.910	84	10755m	1.50	ug/L	
43) 4-Methyl-2-pentanone	10.207	43	2461	0.72	ug/L #	89

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

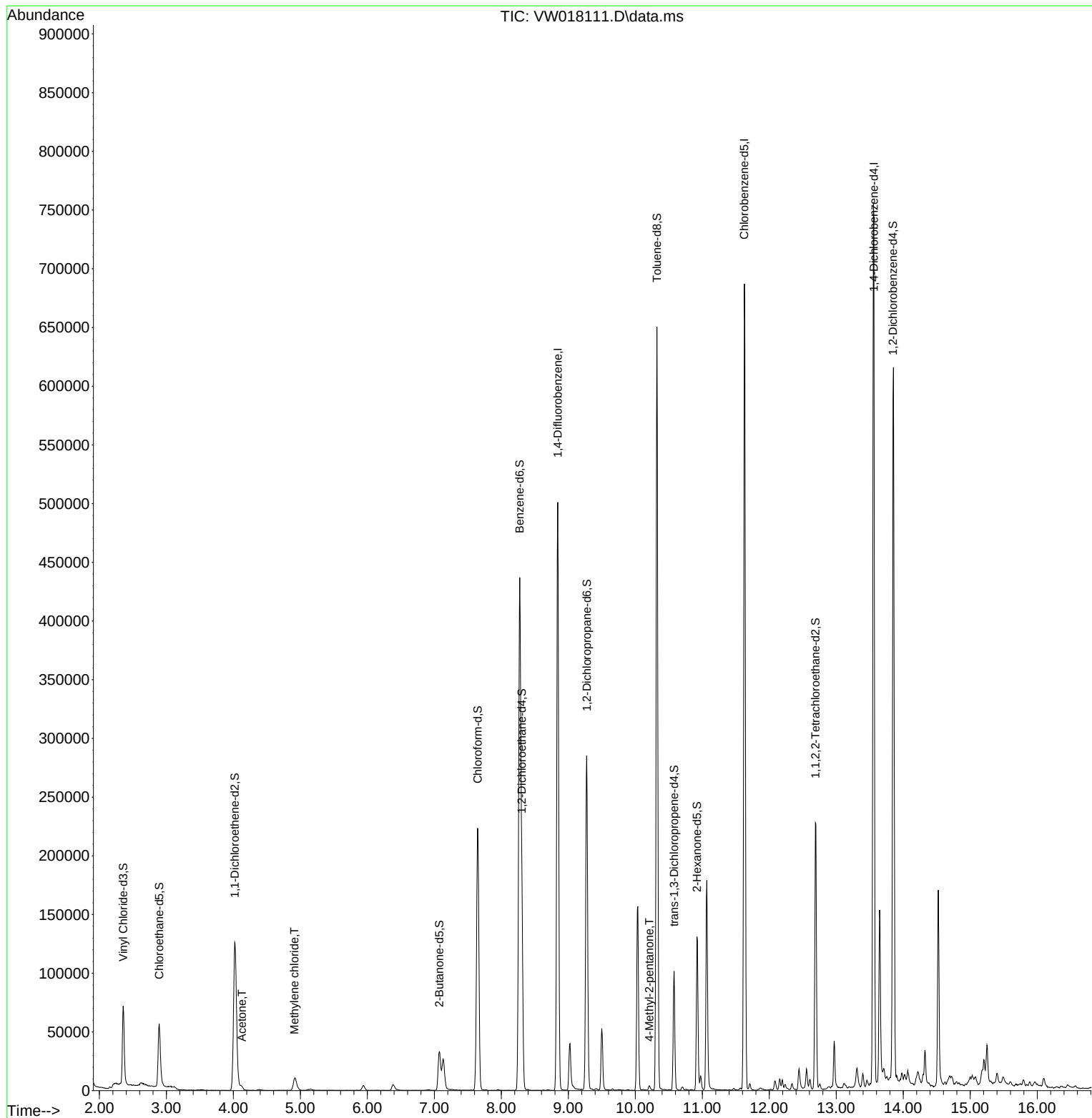
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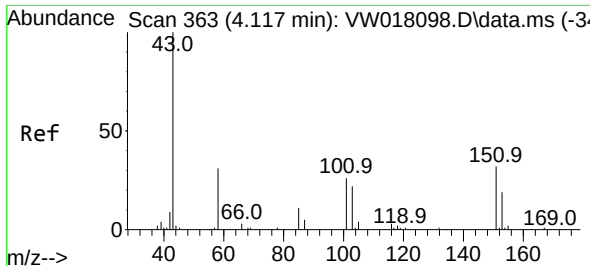
Instrument :
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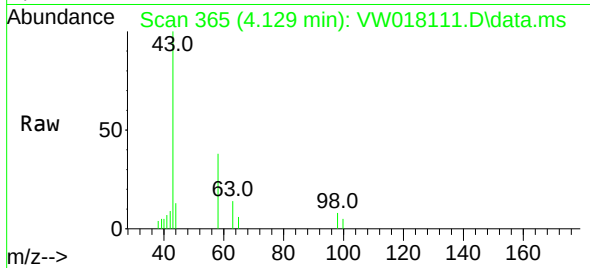
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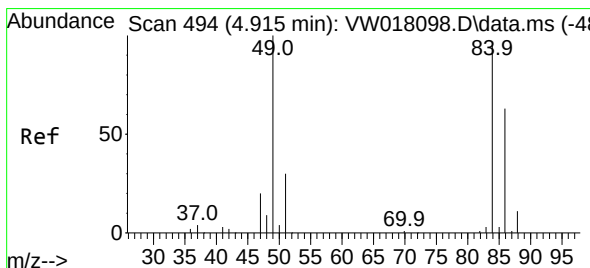
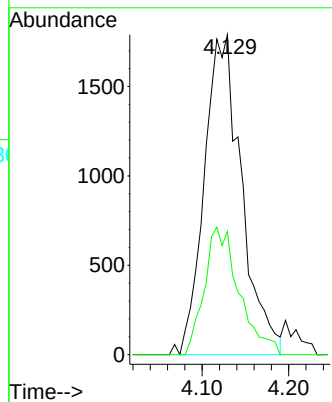
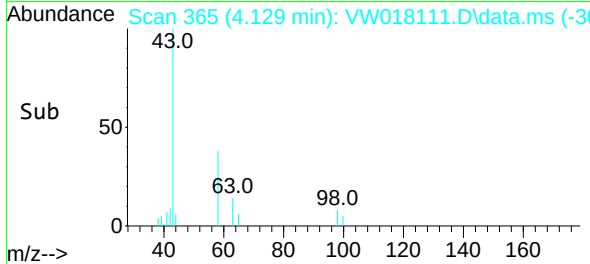




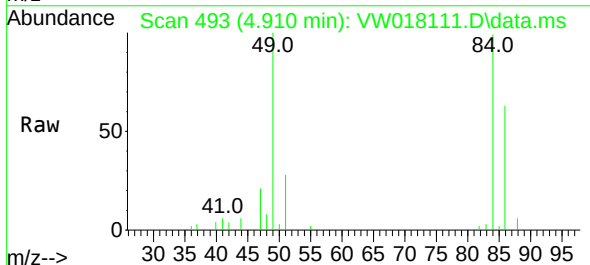
#13
Acetone
Concen: 4.85 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018111.D
Acq: 12 Feb 2021 15:35



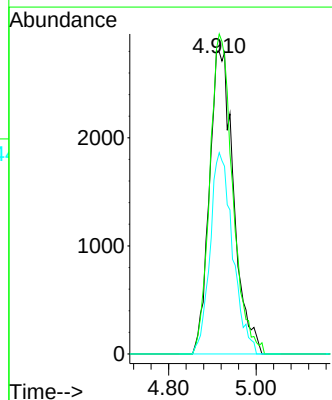
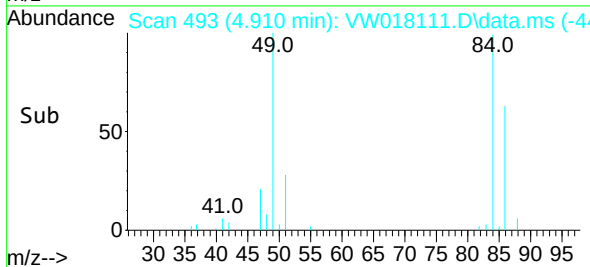
Tgt Ion: 43 Resp: 5328
Ion Ratio Lower Upper
43 100
58 20.2 0.0 68.4



#16
Methylene chloride
Concen: 1.50 ug/L m
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018111.D
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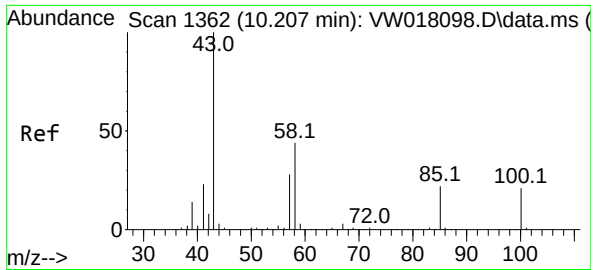
Tgt Ion: 84 Resp: 10755
Ion Ratio Lower Upper
84 100
49 100.6 81.2 150.8
86 63.0 44.5 82.7



Instrument :
MSVOA_W
ClientSampled :
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#43
 4-Methyl-2-pentanone
 Concen: 0.72 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW018111.D
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Tgt Ion:	43	Resp:	2461
Ion	Ratio	Lower	Upper
43	100		
58	46.4	31.6	47.4
100	22.1	14.1	21.1#

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