

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018491.D
 Acq On : 29 Mar 2021 17:18
 Operator : SY/VA
 Sample : M1816-21RE
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S7RE

Quant Time: Mar 30 03:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

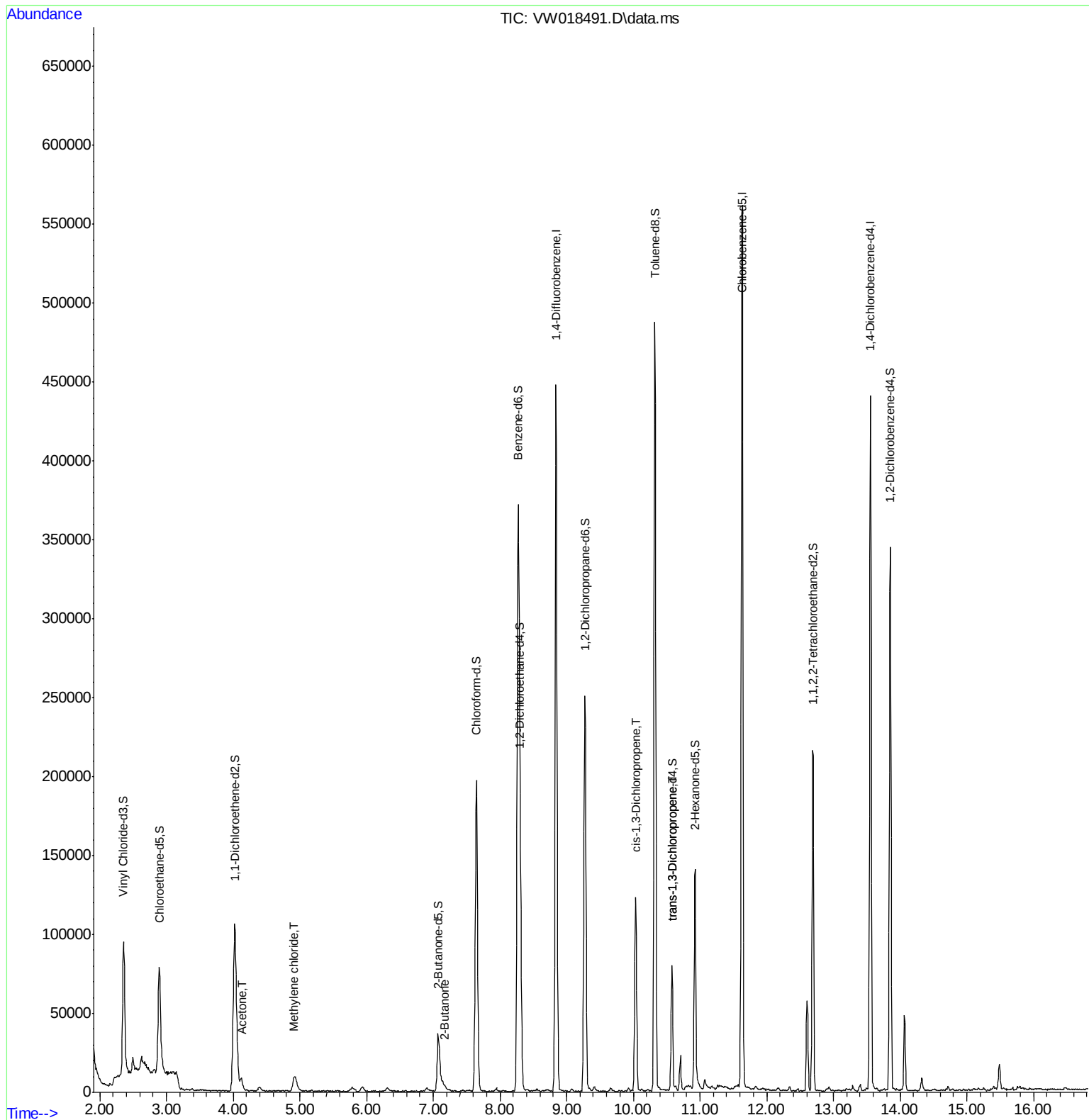
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	364739	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	302417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	106504	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112169	22.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.40%		
7) Chloroethane-d5	2.891	69	97042	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.36%		
10) 1,1-Dichloroethene-d2	4.019	63	126079	14.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.56%		
20) 2-Butanone-d5	7.074	46	59041	52.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.50%		
24) Chloroform-d	7.647	84	196965	21.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.80%		
26) 1,2-Dichloroethane-d4	8.305	65	122409	22.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.28%		
29) Benzene-d6	8.275	84	369198	22.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.84%		
33) 1,2-Dichloropropane-d6	9.274	67	108606	23.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.68%		
37) Toluene-d8	10.323	98	318706	20.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.36%		
38) trans-1,3-Dichloroprop...	10.579	79	40914	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.44%		
39) 2-Hexanone-d5	10.920	63	47751	52.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.24%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	102418	24.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.76%		
61) 1,2-Dichlorobenzene-d4	13.853	152	82729	21.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.40%		
Target Compounds						
13) Acetone	4.129	43	11351	13.98	ug/L	95
16) Methylene chloride	4.915	84	4864	0.81	ug/L	94
21) 2-Butanone	7.171	43	1067	0.83	ug/L	98
42) cis-1,3-Dichloropropene	10.036	75	4016	0.55	ug/L	91
45) trans-1,3-Dichloropropene	10.579	75	2356	0.36	ug/L	98

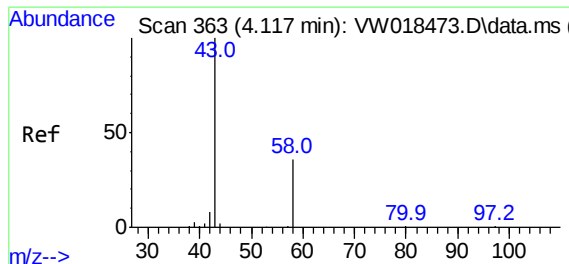
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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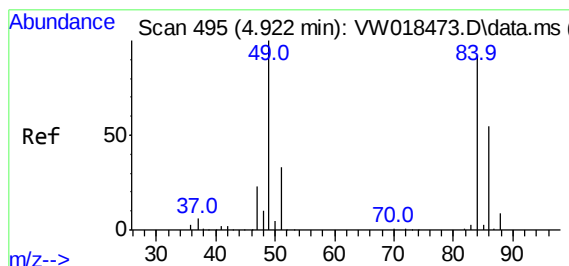
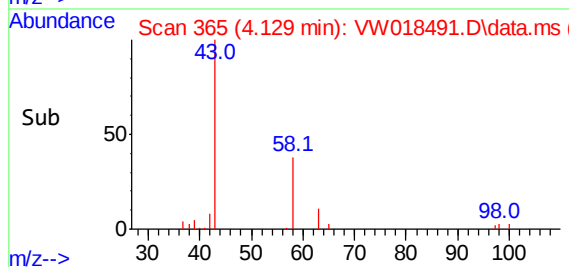
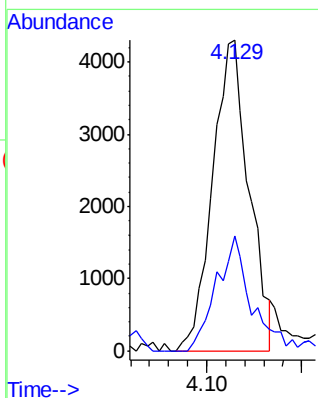
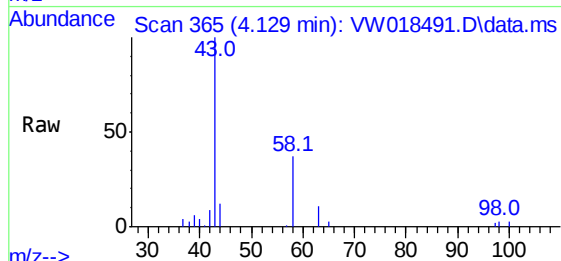




#13
Acetone
Concen: 13.98 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018491.D
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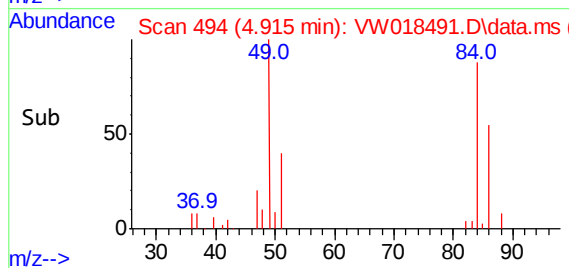
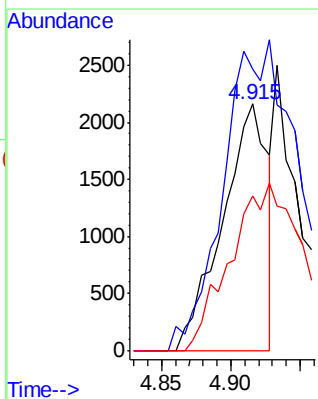
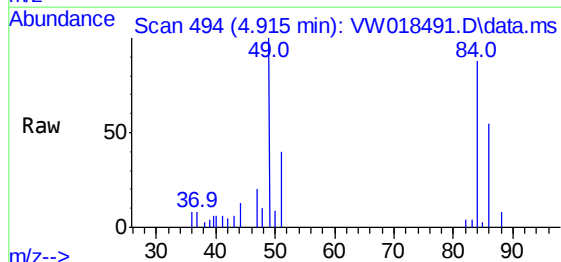
Instrument :
MSVOA_W
ClientSampleId :
BG4S7RE

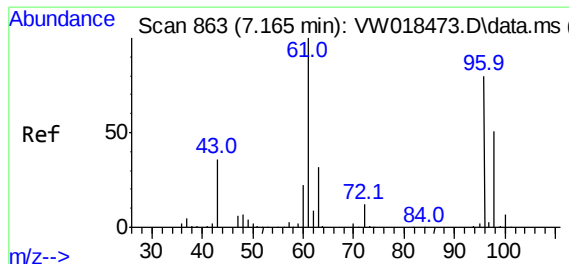
Tgt Ion: 43 Resp: 11351
Ion Ratio Lower Upper
43 100
58 33.7 0.0 62.2



#16
Methylene chloride
Concen: 0.81 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018491.D
Acq: 29 Mar 2021 17:18

Tgt Ion: 84 Resp: 4864
Ion Ratio Lower Upper
84 100
49 114.1 74.4 138.2
86 62.7 46.1 85.7

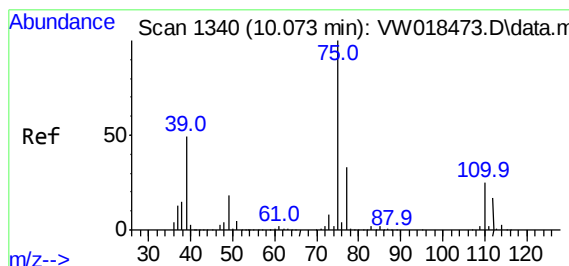
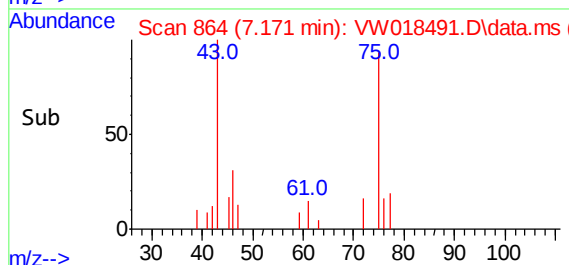
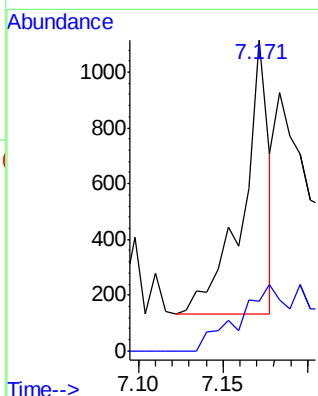
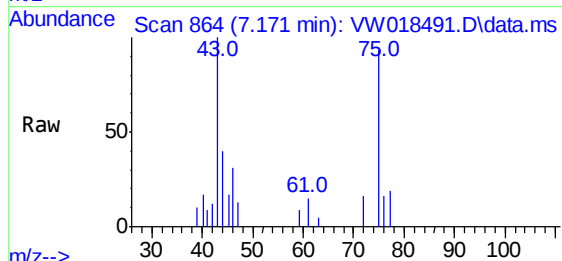




#21
2-Butanone
Concen: 0.83 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018491.D
Acq: 29 Mar 2021 17:18

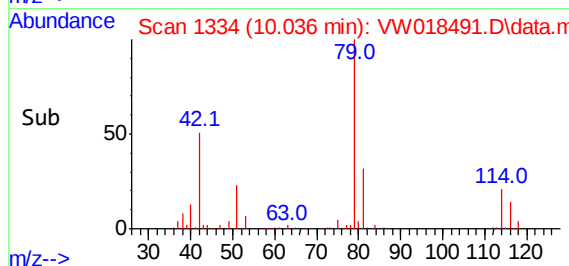
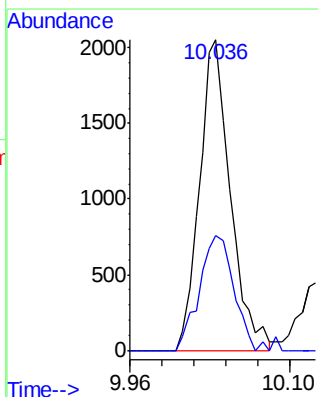
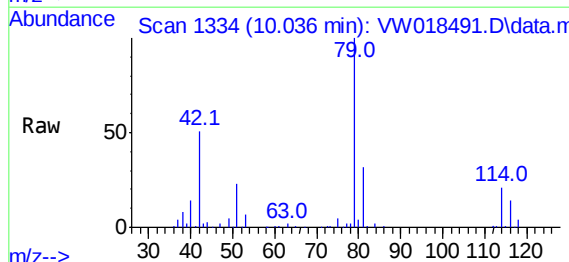
Instrument :
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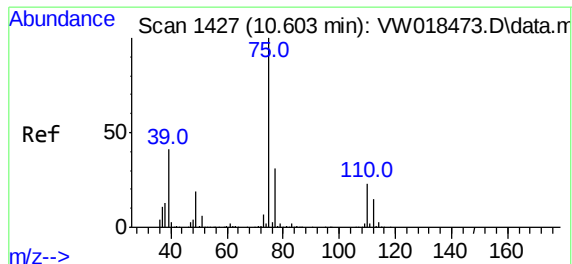
Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
72 32.0 16.5 49.5



#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018491.D
Acq: 29 Mar 2021 17:18

Tgt Ion: 75 Resp: 4016
Ion Ratio Lower Upper
75 100
77 37.0 22.4 41.6





#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018491.D
Acq: 29 Mar 2021 17:18

Instrument :
MSVOA_W
ClientSampleId :
BG4S7RE

Tgt Ion: 75 Resp: 2356
Ion Ratio Lower Upper
75 100
77 31.2 22.6 42.0

