

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018386.D
 Acq On : 19 Mar 2021 14:05
 Operator : SY/VA
 Sample : M1685-09
 Misc : 4.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG495

Quant Time: Mar 20 01:40:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

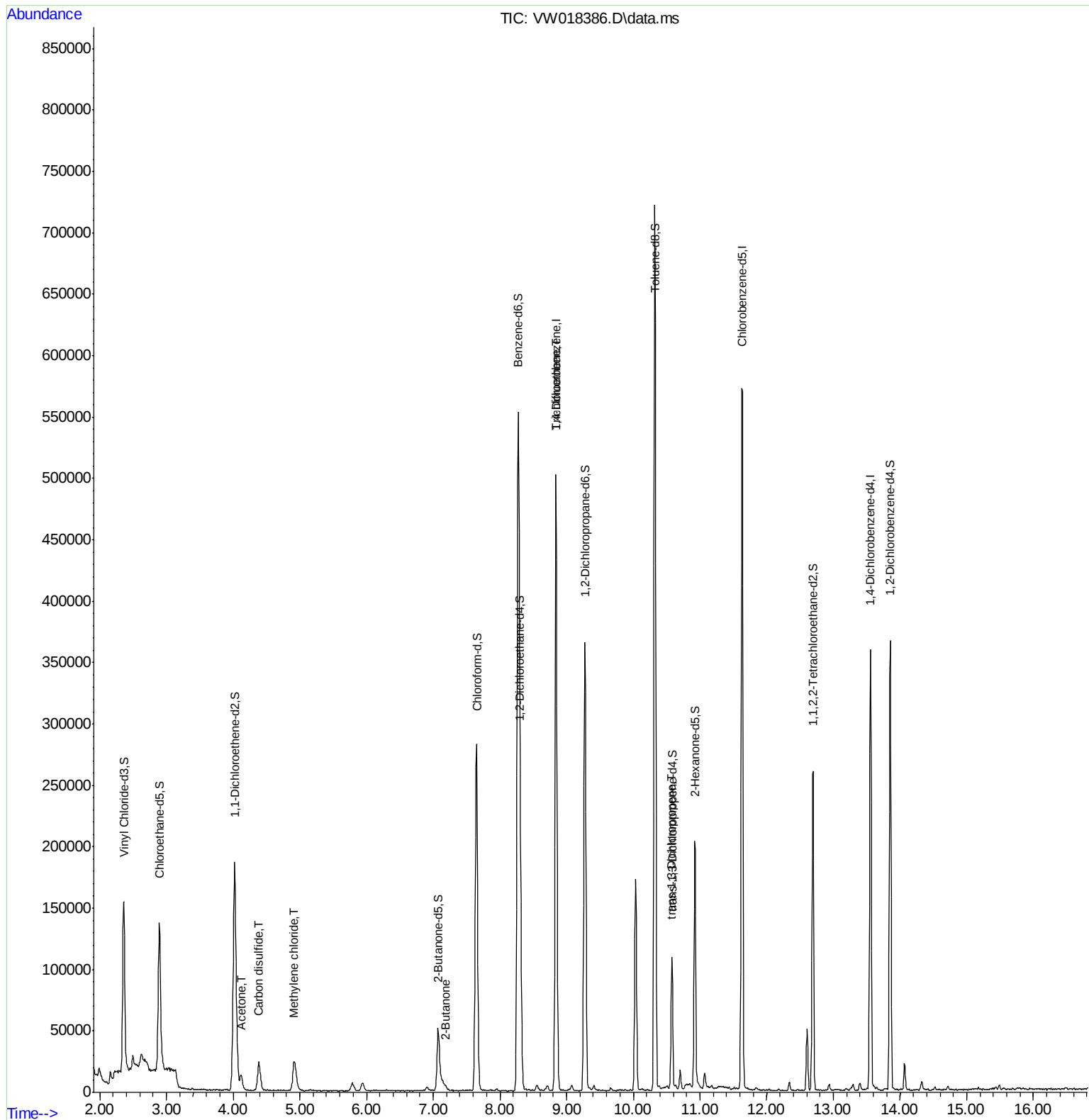
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	409396	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308991	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	87616	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	180743	31.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.92%			
7) Chloroethane-d5	2.891	69	162811	32.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.60%			
10) 1,1-Dichloroethene-d2	4.019	63	201632	20.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.00%			
20) 2-Butanone-d5	7.074	46	85524	67.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.86%			
24) Chloroform-d	7.653	84	284177	27.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	8.305	65	171261	28.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.56%			
29) Benzene-d6	8.275	84	551007	33.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 134.16%			
33) 1,2-Dichloropropane-d6	9.274	67	159152	33.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.36%#			
37) Toluene-d8	10.323	98	476720	30.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 120.56%			
38) trans-1,3-Dichloroprop...	10.579	79	56546	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.56%			
39) 2-Hexanone-d5	10.921	63	69480	74.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.86%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	127958	30.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.76%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	88980	28.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.28%			
Target Compounds						
13) Acetone	4.117	43	18951	20.80	ug/L	96
14) Carbon disulfide	4.385	76	46735	3.02	ug/L	99
16) Methylene chloride	4.909	84	20354	3.03	ug/L	95
21) 2-Butanone	7.177	43	4810	3.32	ug/L	72
35) Trichloroethene	8.842	95	12600	2.55	ug/L #	6
45) trans-1,3-Dichloropropene	10.573	75	3235	0.49	ug/L	92

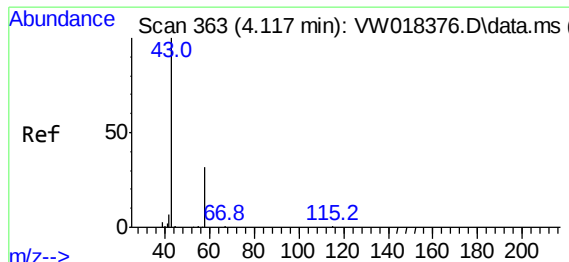
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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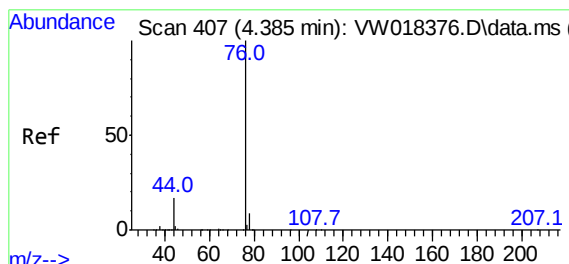
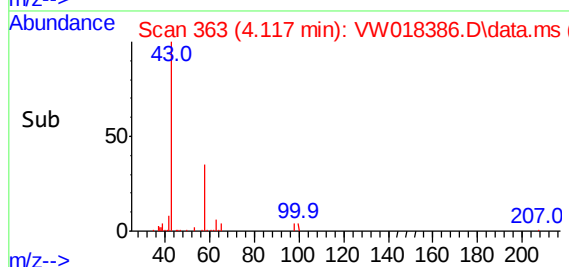
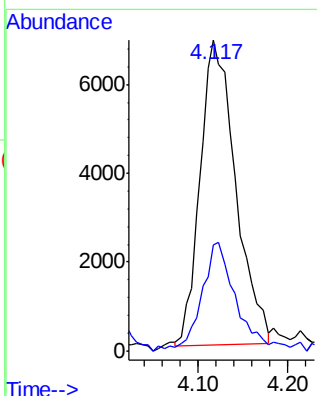
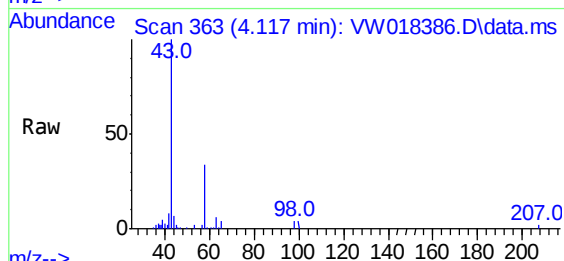




#13
Acetone
Concen: 20.80 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

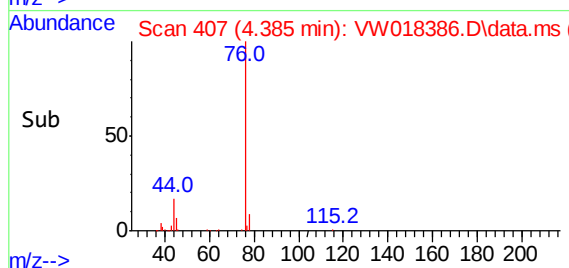
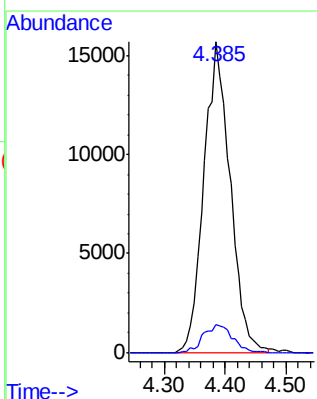
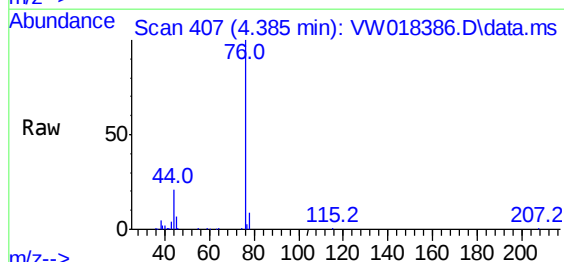
Instrument :
MSVOA_W
ClientSampled :
BG495

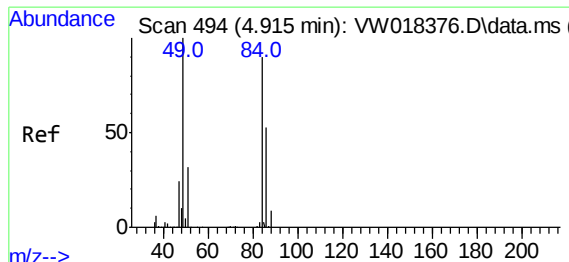
Tgt Ion: 43 Resp: 18951
Ion Ratio Lower Upper
43 100
58 33.4 0.0 62.2



#14
Carbon disulfide
Concen: 3.02 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

Tgt Ion: 76 Resp: 46735
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



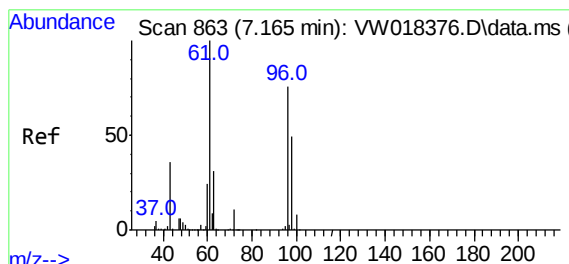
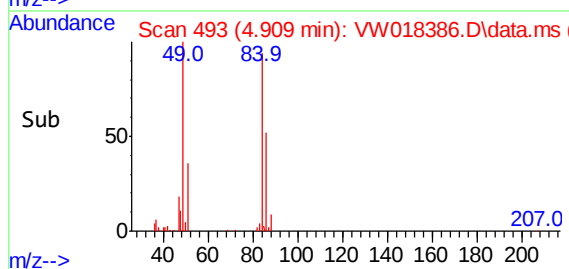
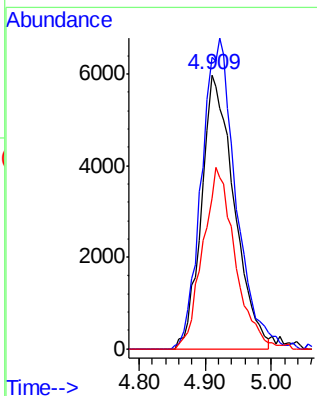
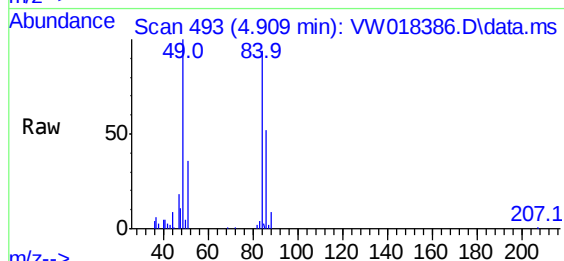


#16
Methylene chloride
Concen: 3.03 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

Instrument :
MSVOA_W
ClientSampleId :
BG495

Tgt Ion: 84 Resp: 20354

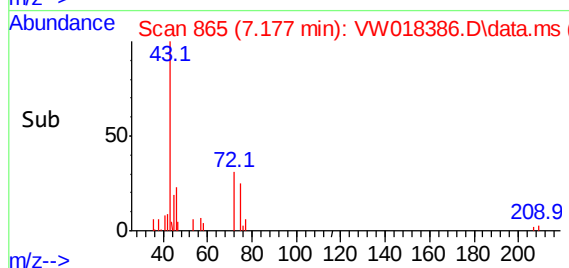
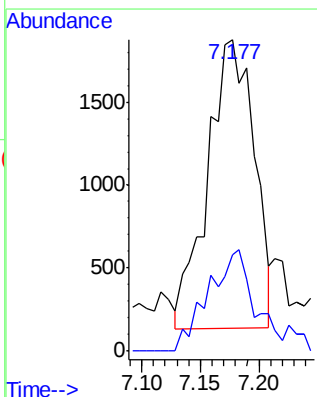
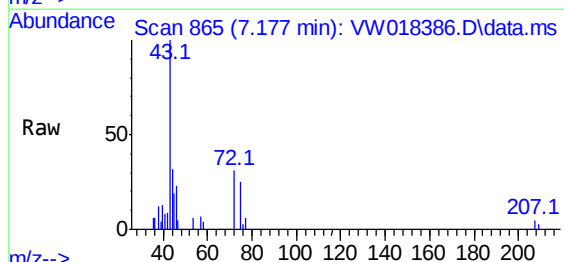
Ion	Ratio	Lower	Upper
84	100		
49	106.5	74.4	138.2
86	55.0	46.1	85.7

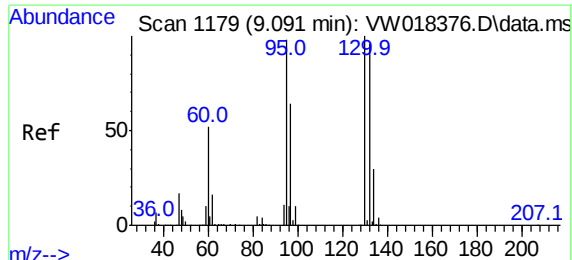


#21
2-Butanone
Concen: 3.32 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

Tgt Ion: 43 Resp: 4810

Ion	Ratio	Lower	Upper
43	100		
72	17.3	16.5	49.5



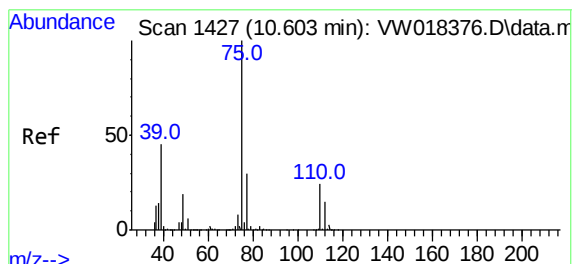
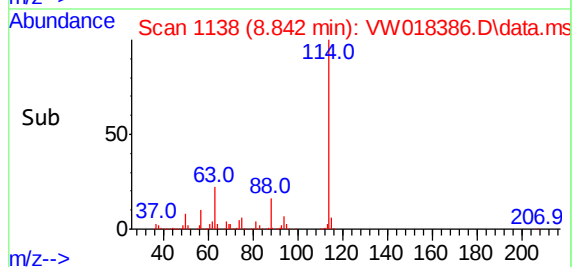
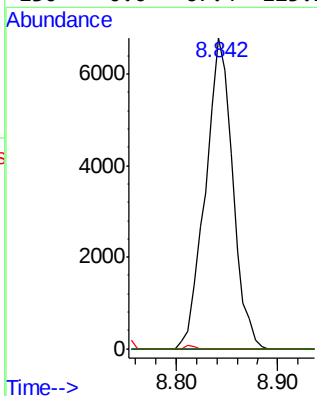
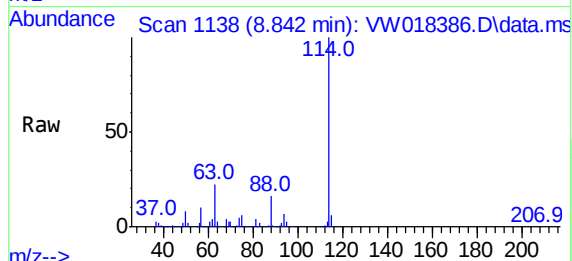


#35
Trichloroethene
Concen: 2.55 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

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MSVOA_W
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Tgt Ion: 95 Resp: 12600

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.3	65.9	122.5#
130	0.0	67.4	125.2#



#45
trans-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018386.D
Acq: 19 Mar 2021 14:05

Tgt Ion: 75 Resp: 3235

Ion	Ratio	Lower	Upper
75	100		
77	36.5	22.6	42.0

