

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018396.D
 Acq On : 19 Mar 2021 18:05
 Operator : SY/VA
 Sample : M1698-09
 Misc : 5.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H3

Quant Time: Mar 20 01:43:56 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)

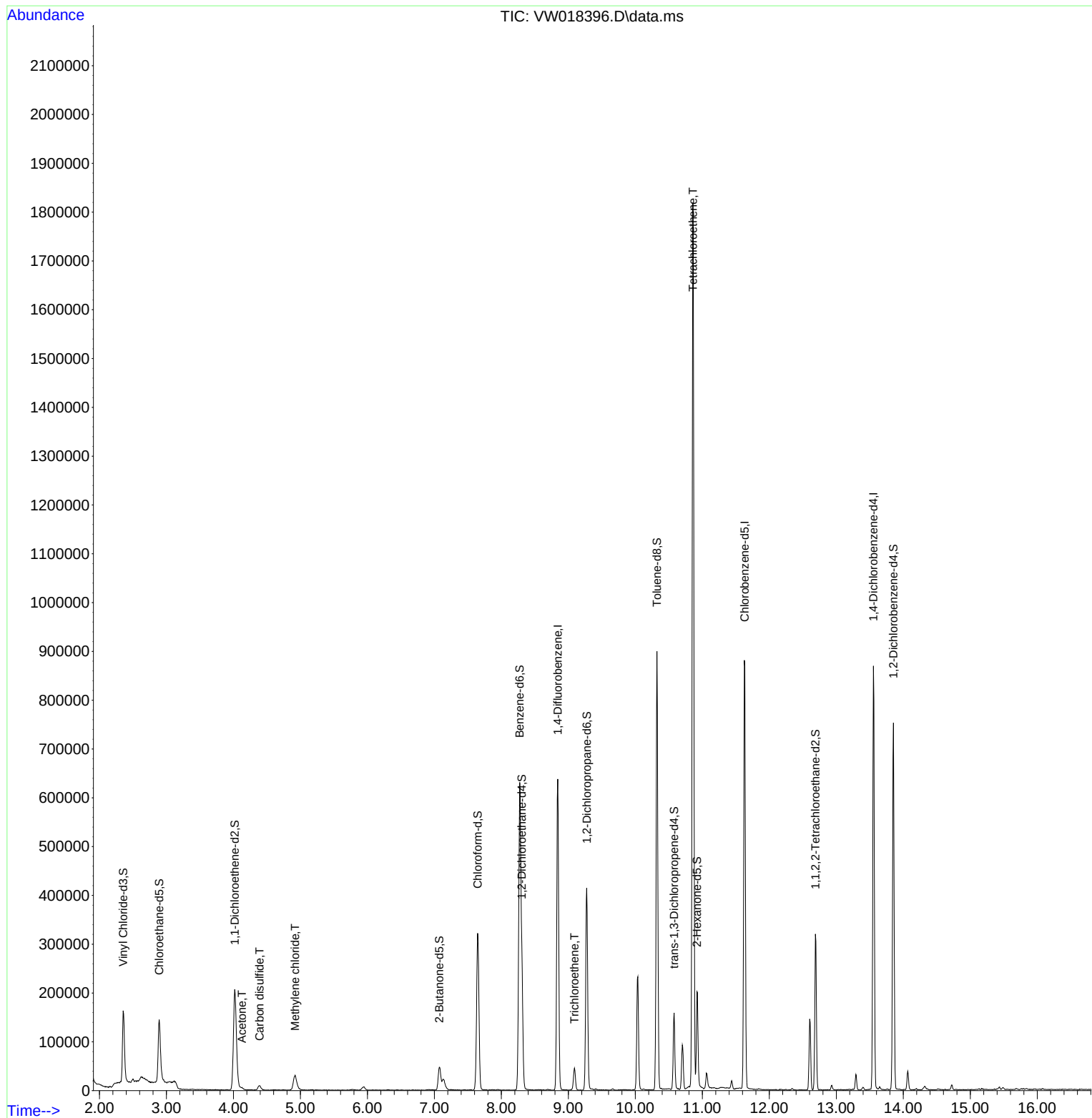
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	531586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203859	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	189743	25.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.60%			
7) Chloroethane-d5	2.891	69	170300	26.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.20%			
10) 1,1-Dichloroethene-d2	4.019	63	228272	17.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.48%			
20) 2-Butanone-d5	7.074	46	81130	49.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.52%			
24) Chloroform-d	7.647	84	317355	23.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.76%			
26) 1,2-Dichloroethane-d4	8.305	65	193632	24.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.00%			
29) Benzene-d6	8.274	84	620128	24.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.16%			
33) 1,2-Dichloropropane-d6	9.274	67	182390	25.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.08%			
37) Toluene-d8	10.323	98	578771	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.12%			
38) trans-1,3-Dichloroprop...	10.579	79	82470	22.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.64%			
39) 2-Hexanone-d5	10.920	63	68110	48.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.46%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	150624	23.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	180790	24.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.76%			
Target Compounds					Qvalue	
13) Acetone	4.129	43	5682	4.80	ug/L	78
14) Carbon disulfide	4.391	76	20495	1.02	ug/L	96
16) Methylene chloride	4.921	84	26184	3.00	ug/L	91
35) Trichloroethene	9.091	95	15321	2.03	ug/L	96
47) Tetrachloroethene	10.859	164	394392	68.98	ug/L	89

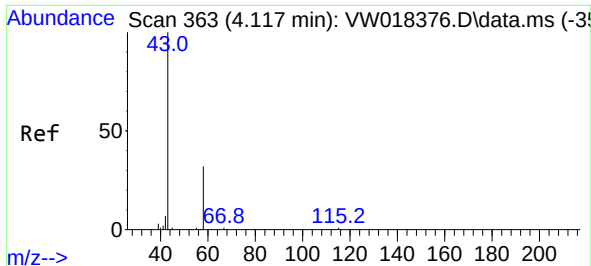
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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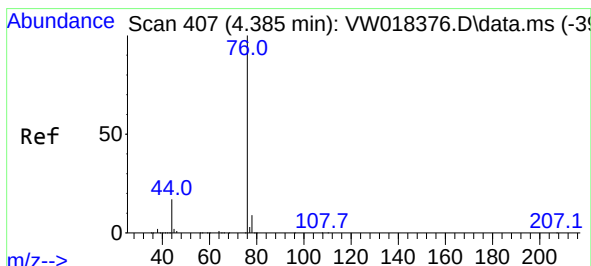
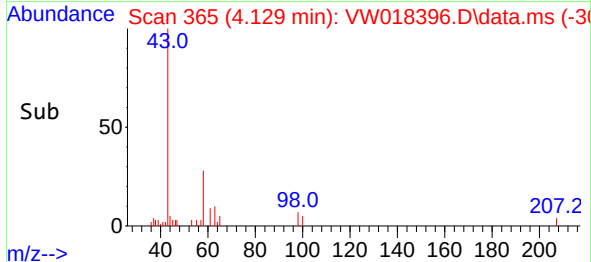
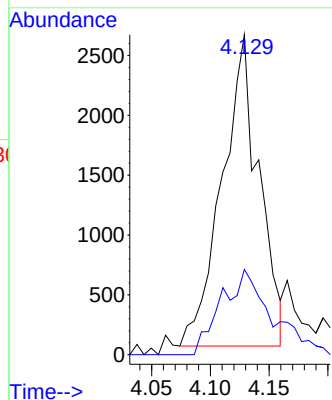
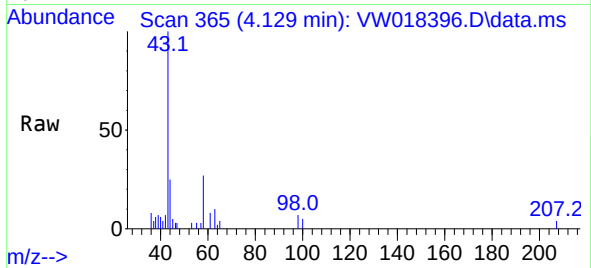




#13
Acetone
Concen: 4.80 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018396.D
Acq: 19 Mar 2021 18:05

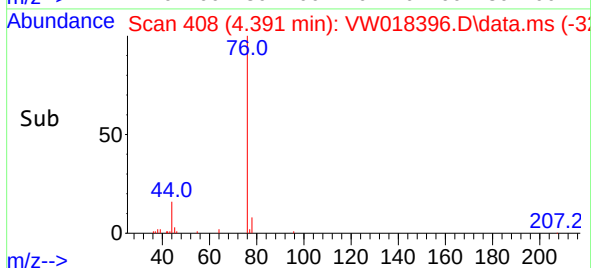
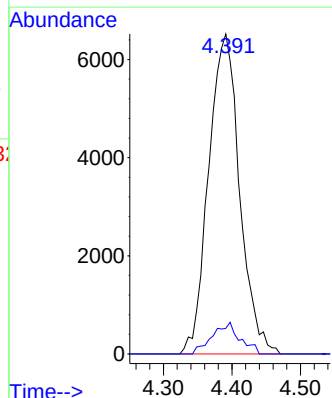
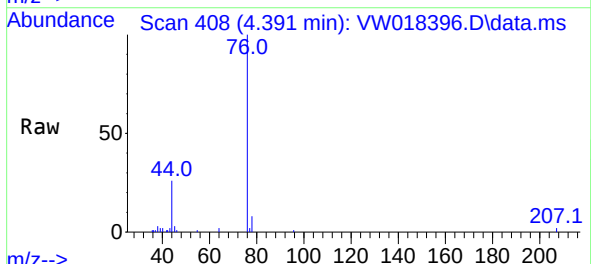
Instrument :
MSVOA_W
ClientSampled :
BG4H3

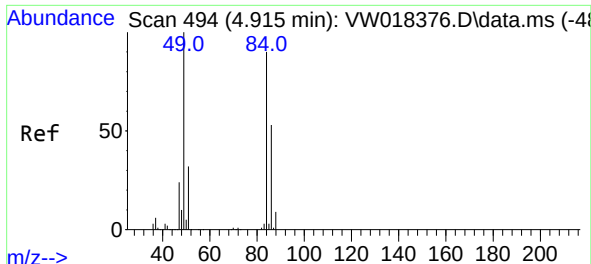
Tgt Ion: 43 Resp: 5682
Ion Ratio Lower Upper
43 100
58 18.8 0.0 62.2



#14
Carbon disulfide
Concen: 1.02 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018396.D
Acq: 19 Mar 2021 18:05

Tgt Ion: 76 Resp: 20495
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2

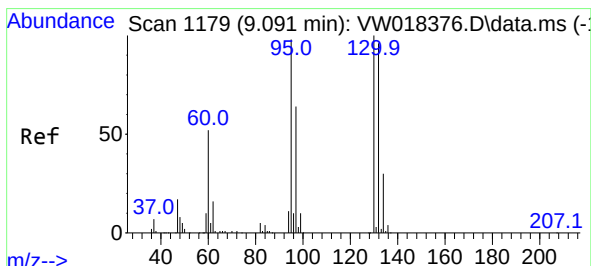
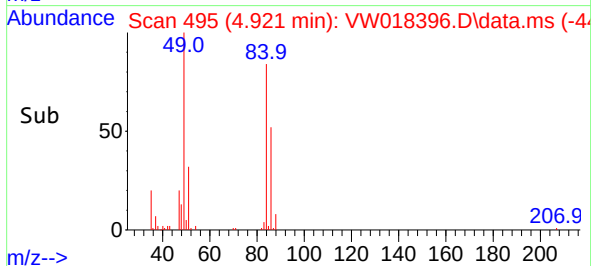
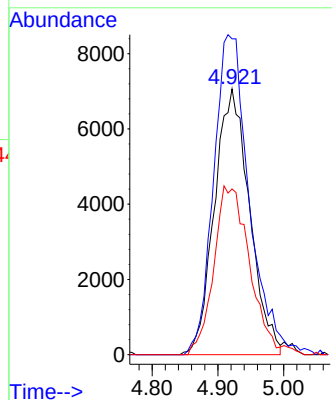
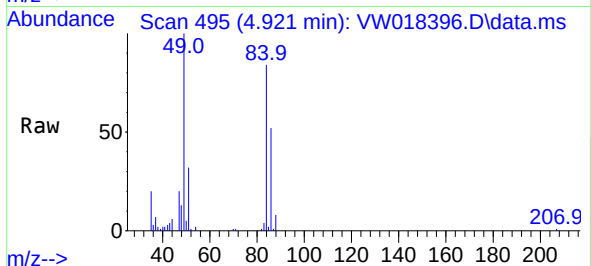




#16
Methylene chloride
Concen: 3.00 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018396.D
Acq: 19 Mar 2021 18:05

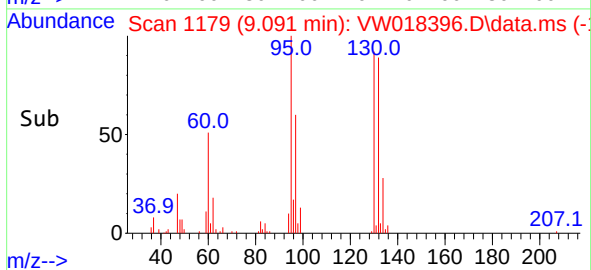
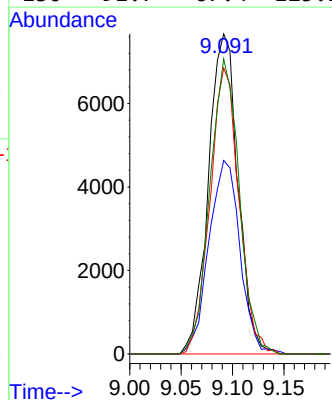
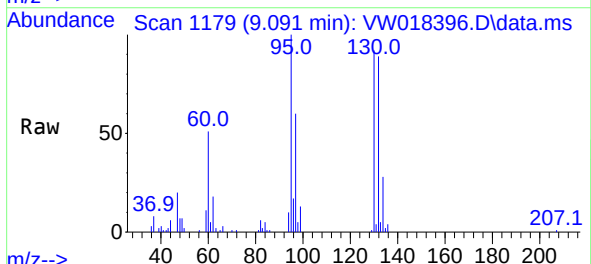
Instrument :
MSVOA_W
ClientSampled :
BG4H3

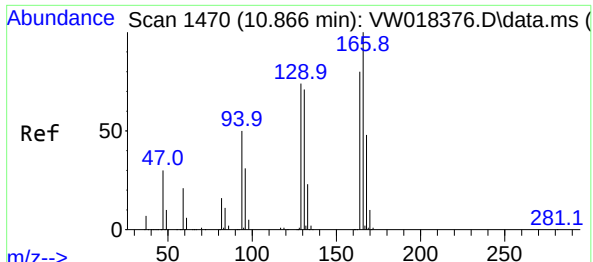
Tgt Ion: 84 Resp: 26184
Ion Ratio Lower Upper
84 100
49 118.8 74.4 138.2
86 62.4 46.1 85.7



#35
Trichloroethene
Concen: 2.03 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018396.D
Acq: 19 Mar 2021 18:05

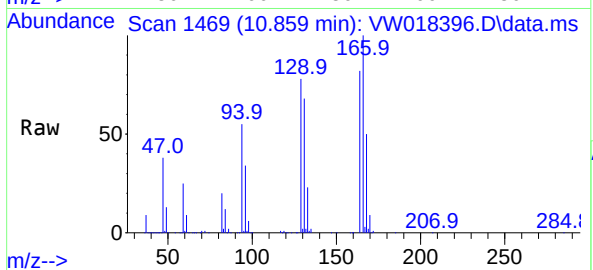
Tgt Ion: 95 Resp: 15321
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.4
132 88.0 65.9 122.5
130 91.7 67.4 125.2





#47
Tetrachloroethene
Concen: 68.98 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018396.D
Acq: 19 Mar 2021 18:05

Instrument :
MSVOA_W
ClientSampleId :
BG4H3



Tgt Ion:164 Resp: 394392

Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.8	127.8
131	83.0	68.3	126.8
166	121.6	95.4	177.2

