

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018443.D
 Acq On : 24 Mar 2021 15:29
 Operator : SY/VA
 Sample : M1781-19
 Misc : 6.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S4

Quant Time: Mar 25 01:25:52 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)

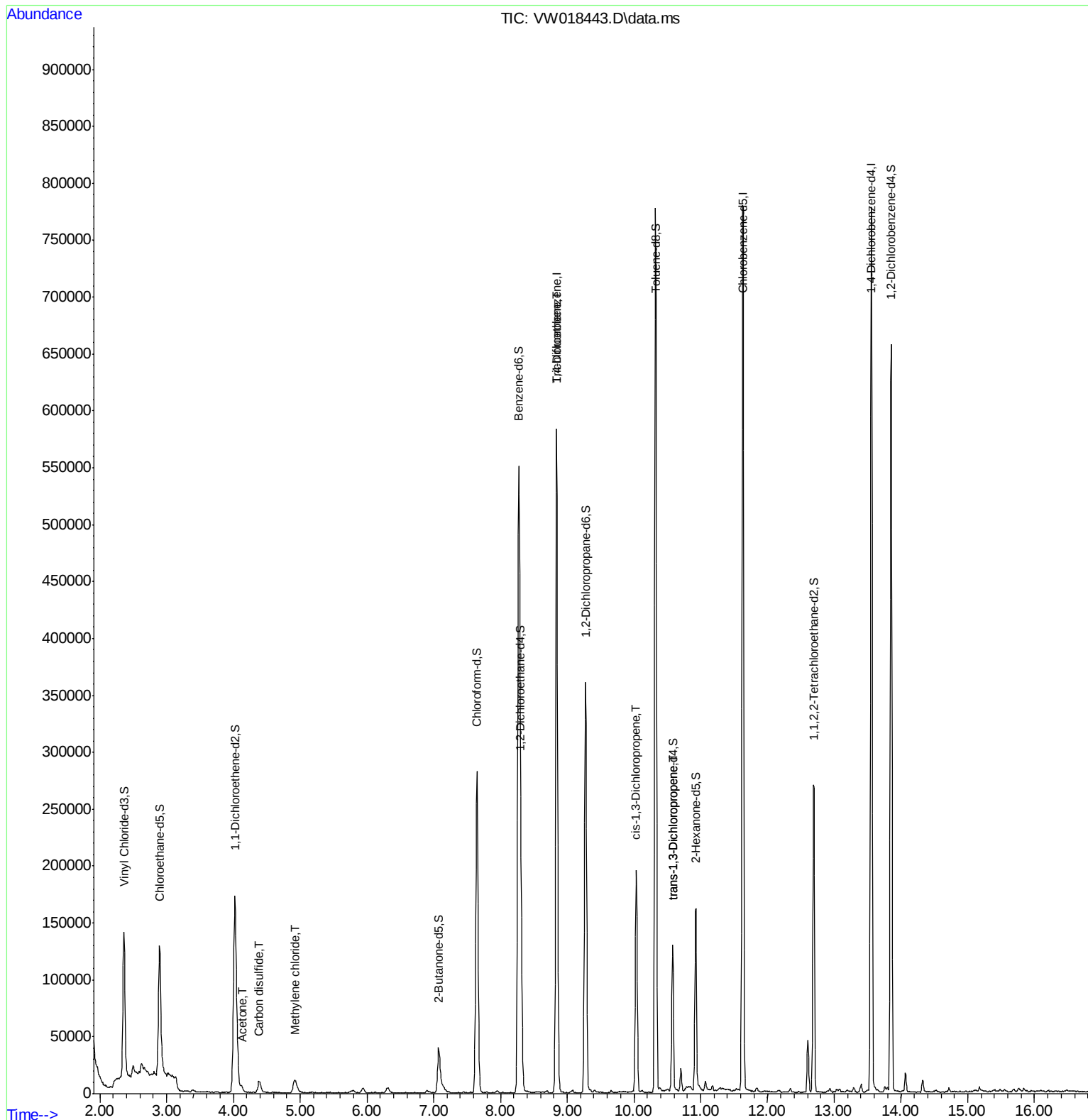
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	481162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	420832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	192746	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166441	24.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.44%		
7) Chloroethane-d5	2.892	69	157178	26.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.28%		
10) 1,1-Dichloroethene-d2	4.026	63	198553	17.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.68%		
20) 2-Butanone-d5	7.074	46	67660	45.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.78%		
24) Chloroform-d	7.647	84	283471	23.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.52%		
26) 1,2-Dichloroethane-d4	8.305	65	163535	22.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.44%		
29) Benzene-d6	8.275	84	548113	24.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.00%		
33) 1,2-Dichloropropane-d6	9.275	67	156510	24.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.00%		
37) Toluene-d8	10.323	98	511342	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.96%		
38) trans-1,3-Dichloroprop...	10.579	79	68816	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.72%		
39) 2-Hexanone-d5	10.927	63	55398	43.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.74%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	131902	22.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	165216	24.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.44%		
Target Compounds						Qvalue
13) Acetone	4.129	43	7060	6.59	ug/L	100
14) Carbon disulfide	4.385	76	18660	1.03	ug/L	98
16) Methylene chloride	4.922	84	6018	0.76	ug/L	89
35) Trichloroethene	8.842	95	14444	2.15	ug/L #	6
42) cis-1,3-Dichloropropene	10.031	75	5553	0.55	ug/L #	79
45) trans-1,3-Dichloropropene	10.579	75	3433	0.38	ug/L	90

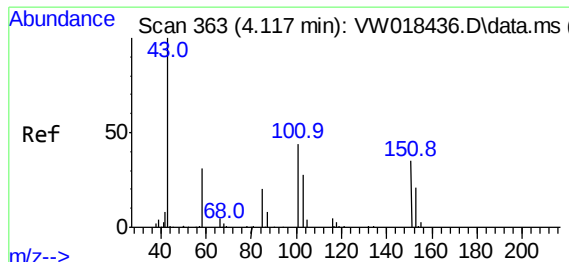
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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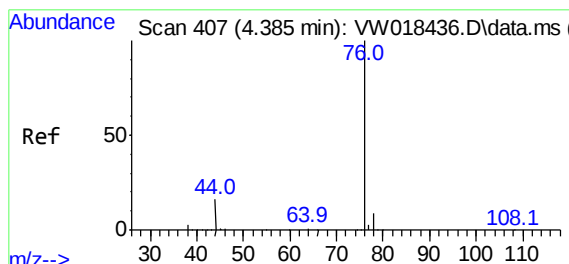
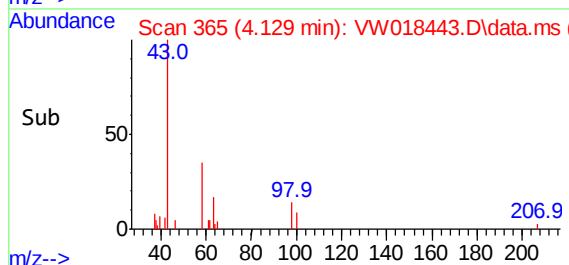
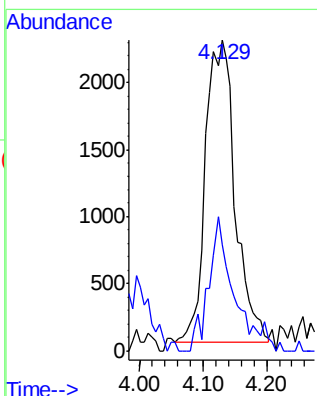
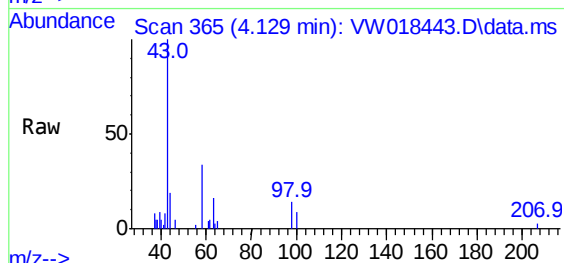




#13
Acetone
Concen: 6.59 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018443.D
Acq: 24 Mar 2021 15:29

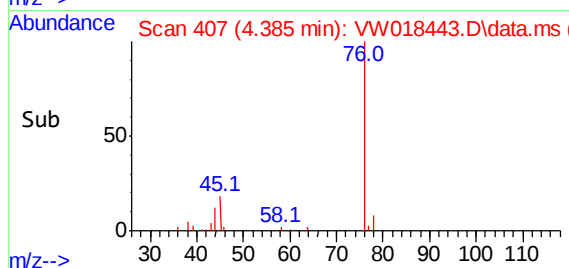
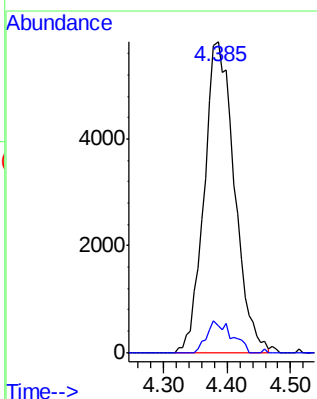
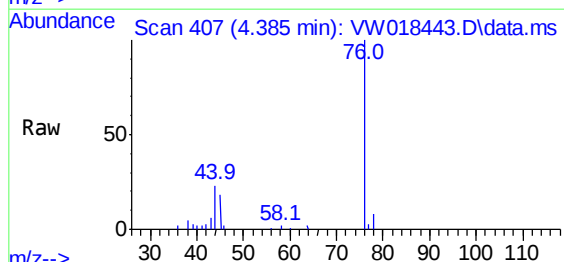
Instrument :
MSVOA_W
ClientSampled :
BG4S4

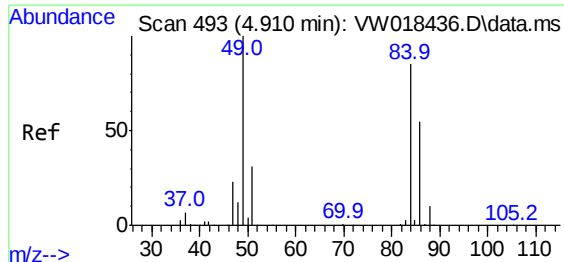
Tgt Ion: 43 Resp: 7060
Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.2



#14
Carbon disulfide
Concen: 1.03 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018443.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 76 Resp: 18660
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



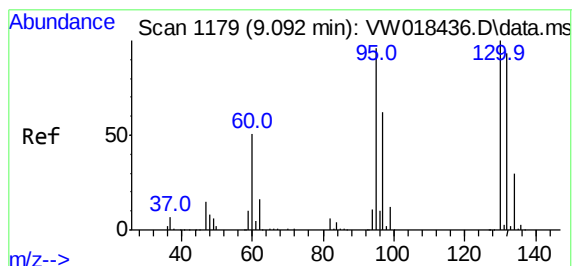
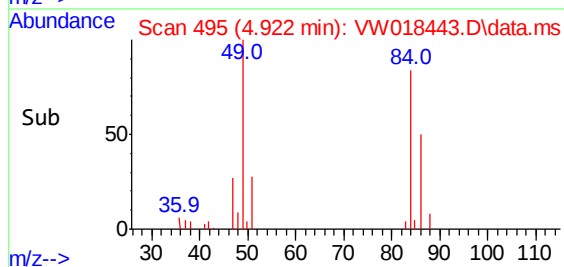
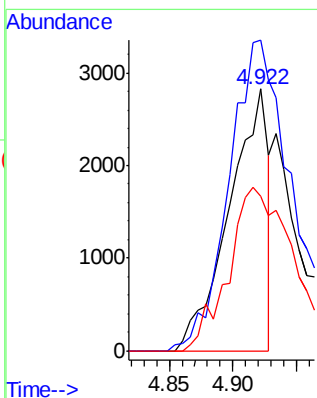
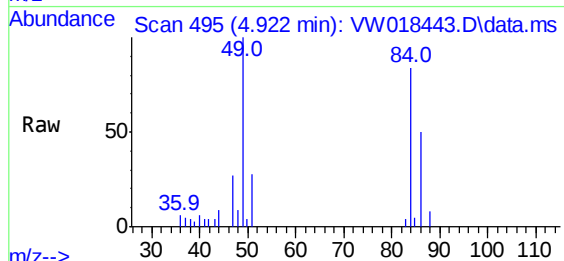


#16
Methylene chloride
Concen: 0.76 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018443.D
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Instrument :
MSVOA_W
ClientSampled :
BG4S4

Tgt Ion: 84 Resp: 6018

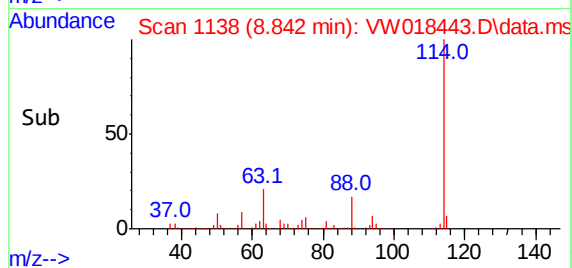
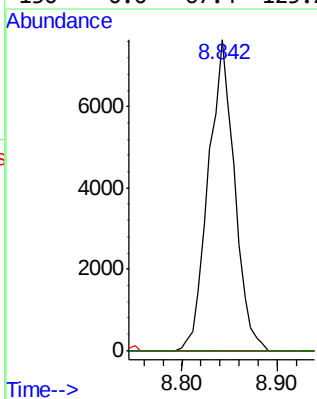
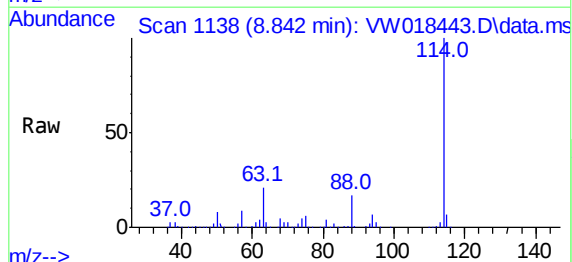
Ion	Ratio	Lower	Upper
84	100		
49	118.8	74.4	138.2
86	59.2	46.1	85.7

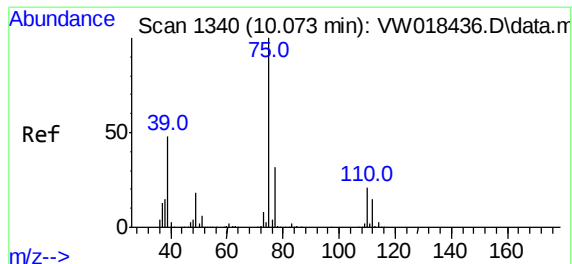


#35
Trichloroethene
Concen: 2.15 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018443.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 95 Resp: 14444

Ion	Ratio	Lower	Upper
95	100		
97	0.7	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#

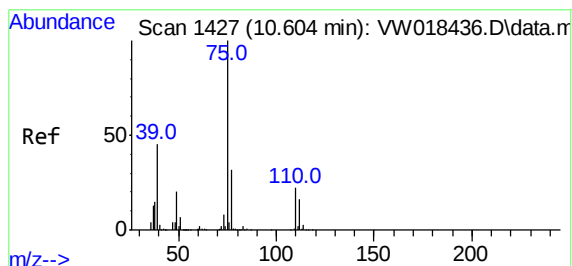
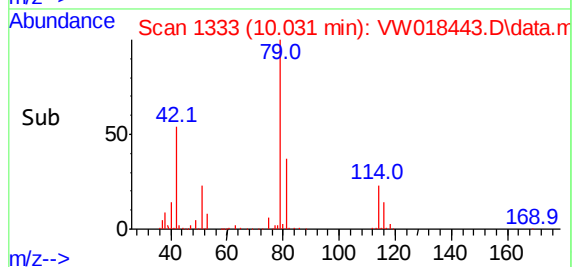
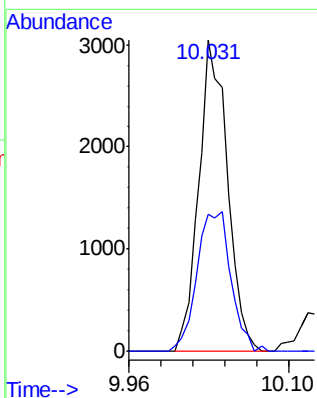
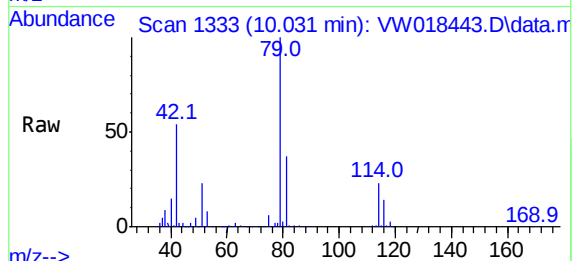




#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018443.D
Acq: 24 Mar 2021 15:29

Instrument :
MSVOA_W
ClientSampled :
BG4S4

Tgt Ion: 75 Resp: 5553
Ion Ratio Lower Upper
75 100
77 43.9 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.38 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018443.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 75 Resp: 3433
Ion Ratio Lower Upper
75 100
77 37.9 22.6 42.0

