

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011221\
 Data File : VW017843.D
 Acq On : 12 Jan 2021 18:13
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 13 03:23:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

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

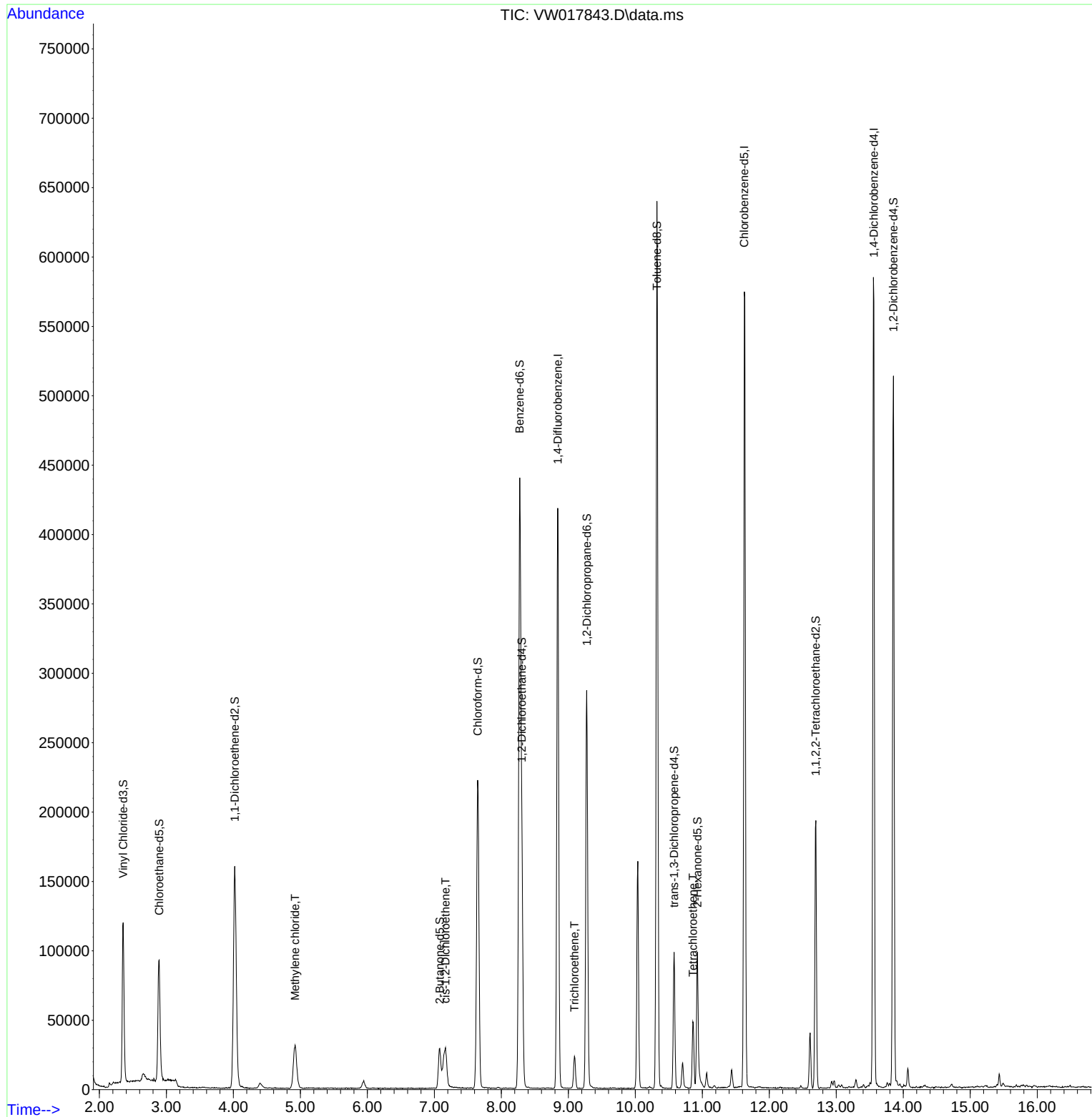
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	329853	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	139567	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121614	23.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.32%		
7) Chloroethane-d5	2.892	69	103086	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.88%		
10) 1,1-Dichloroethene-d2	4.019	63	169151	19.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.08%		
20) 2-Butanone-d5	7.080	46	47988	58.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.02%		
24) Chloroform-d	7.647	84	218425	25.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.36%		
26) 1,2-Dichloroethane-d4	8.305	65	124141	27.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.32%		
29) Benzene-d6	8.275	84	425496	25.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.80%		
33) 1,2-Dichloropropane-d6	9.275	67	123836	26.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.44%		
37) Toluene-d8	10.323	98	399860	24.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.64%		
38) trans-1,3-Dichloroprop...	10.579	79	50933	24.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.20%		
39) 2-Hexanone-d5	10.927	63	34481	58.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.98%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	90448	26.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	120013	24.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.76%		
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	25194	5.34	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	12541	2.72	ug/L	95
35) Trichloroethene	9.092	95	7311	1.54	ug/L	97
47) Tetrachloroethene	10.860	164	9652	2.60	ug/L	94

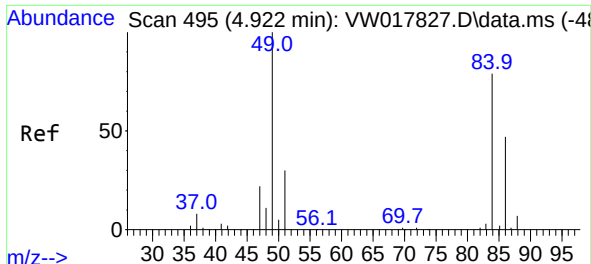
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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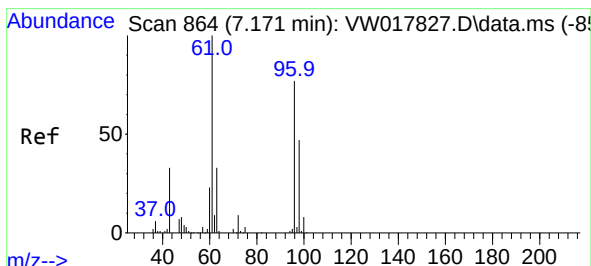
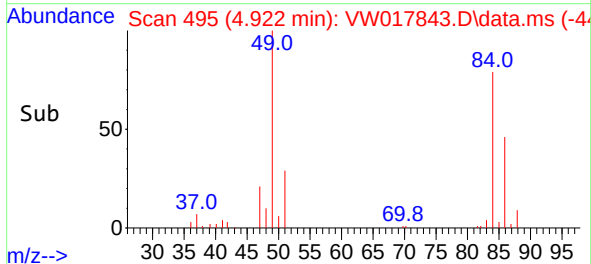
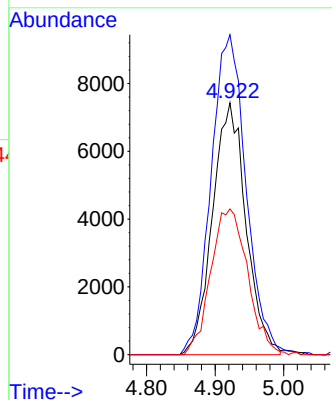
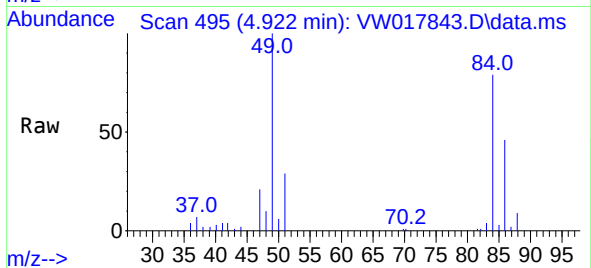




#16
Methylene chloride
Concen: 5.34 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

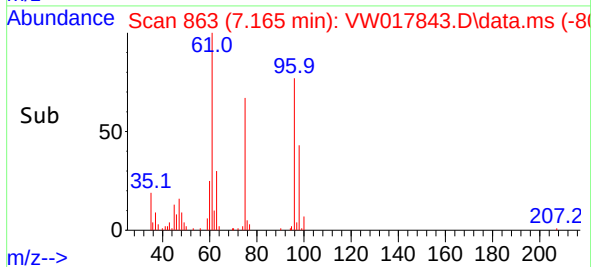
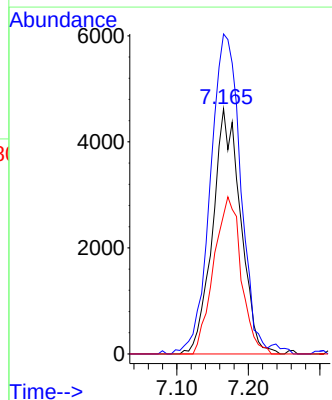
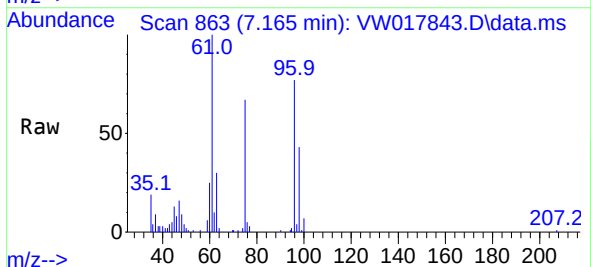
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

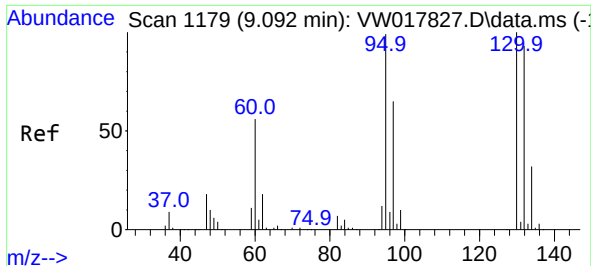
Tgt Ion: 84 Resp: 25194
Ion Ratio Lower Upper
84 100
49 127.0 90.5 168.1
86 57.9 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 2.72 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

Tgt Ion: 96 Resp: 12541
Ion Ratio Lower Upper
96 100
61 130.6 88.2 163.8
98 56.7 43.7 81.1



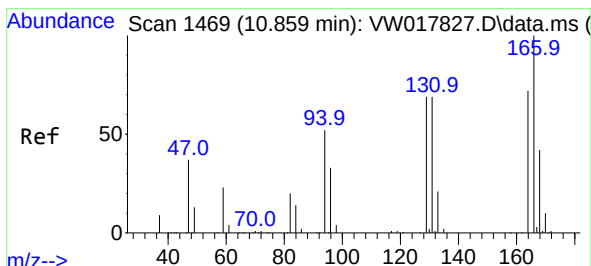
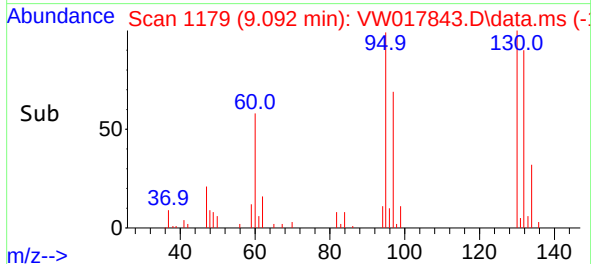
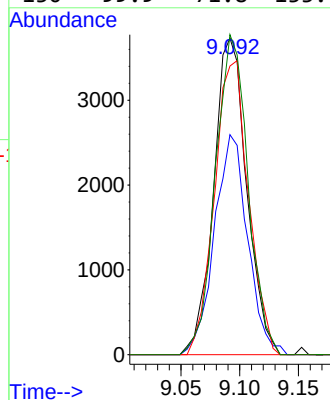
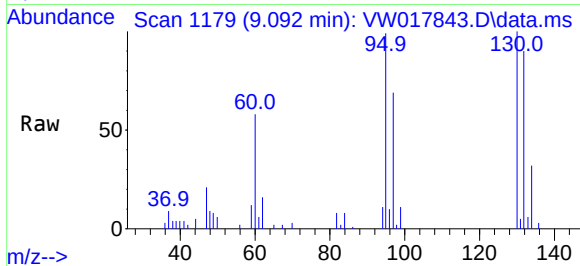


#35
Trichloroethene
Concen: 1.54 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tgt Ion: 95 Resp: 7311

Ion	Ratio	Lower	Upper
95	100		
97	69.9	46.8	87.0
132	96.0	68.3	126.9
130	99.9	71.8	133.4



#47
Tetrachloroethene
Concen: 2.60 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW017843.D
Acq: 12 Jan 2021 18:13

Tgt Ion: 164 Resp: 9652

Ion	Ratio	Lower	Upper
164	100		
129	100.7	62.9	116.9
131	90.2	63.8	118.6
166	119.5	87.4	162.2

