

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011221\
 Data File : VW017842.D
 Acq On : 12 Jan 2021 17:50
 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 03:23:14 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)

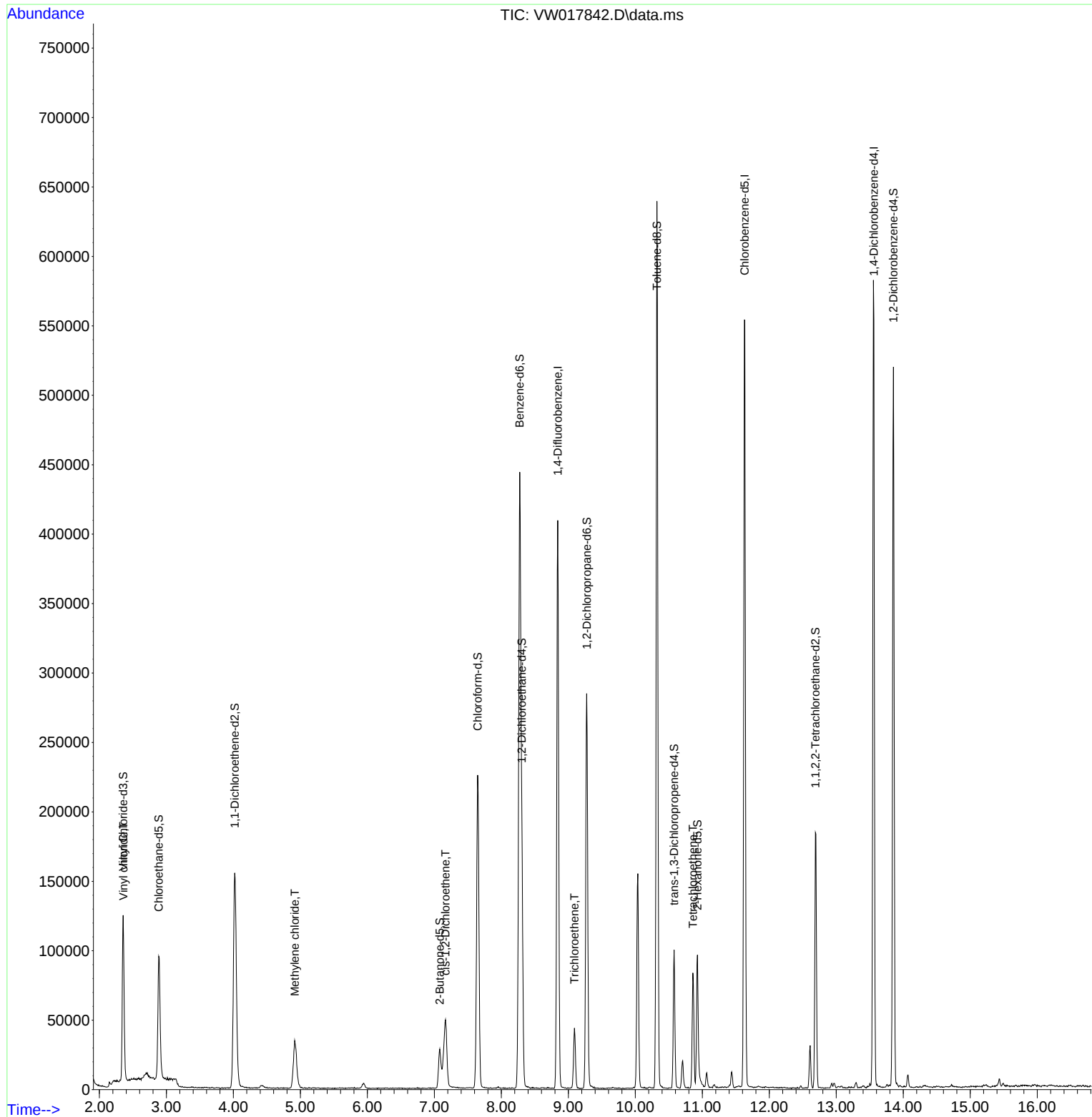
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	324189	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290732	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	137385	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	128132	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.16%			
7) Chloroethane-d5	2.885	69	106110	25.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.52%			
10) 1,1-Dichloroethene-d2	4.019	63	170398	19.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.00%			
20) 2-Butanone-d5	7.080	46	48707	59.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.82%			
24) Chloroform-d	7.647	84	216769	25.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.36%			
26) 1,2-Dichloroethane-d4	8.305	65	121744	27.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.08%			
29) Benzene-d6	8.275	84	428827	26.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.72%			
33) 1,2-Dichloropropane-d6	9.274	67	122316	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.40%			
37) Toluene-d8	10.323	98	400173	25.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.76%			
38) trans-1,3-Dichloroprop...	10.579	79	51077	25.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.52%			
39) 2-Hexanone-d5	10.927	63	33788	59.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.20%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	88202	26.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.28%			
61) 1,2-Dichlorobenzene-d4	13.853	152	116101	24.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.08%			
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	3489	0.65	ug/L	# 1
16) Methylene chloride	4.915	84	26909	5.80	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	23862	5.27	ug/L	89
35) Trichloroethene	9.092	95	13478	2.93	ug/L	97
47) Tetrachloroethene	10.860	164	16660	4.63	ug/L	93

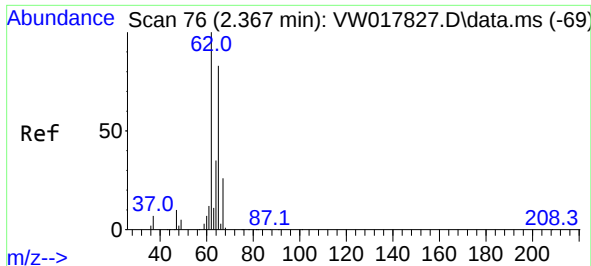
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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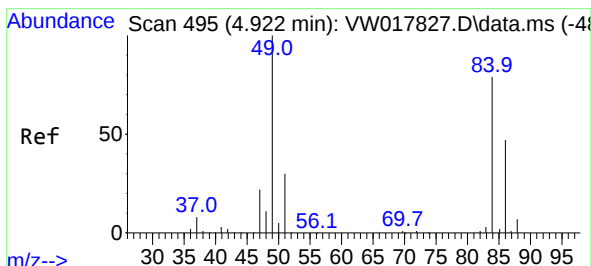
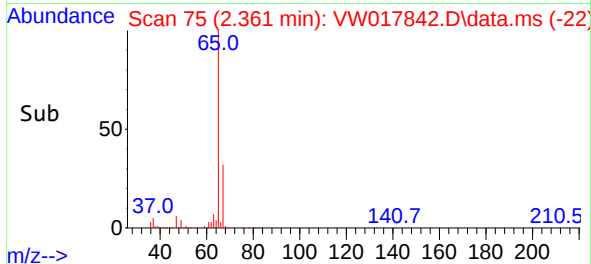
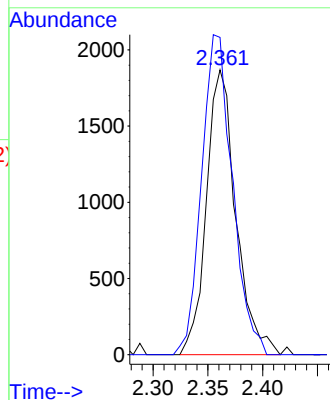
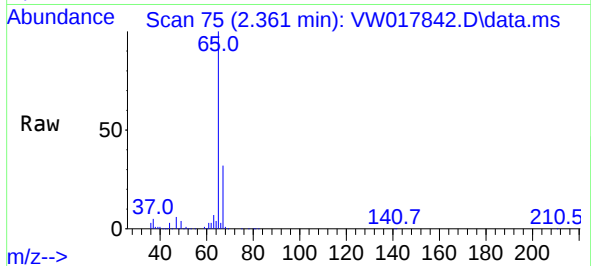




#5
 Vinyl chloride
 Concen: 0.65 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017842.D
 Acq: 12 Jan 2021 17:50

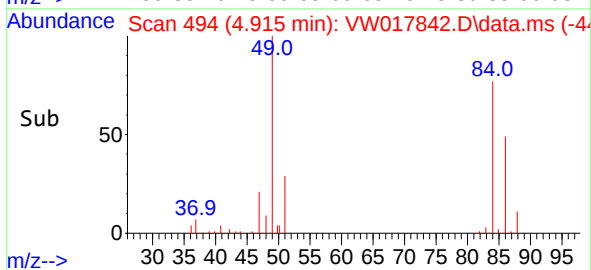
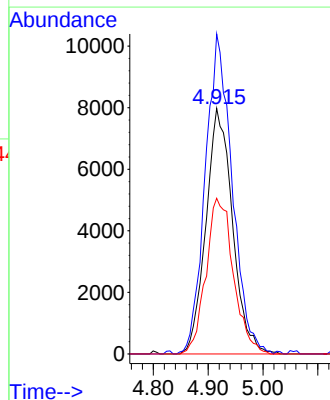
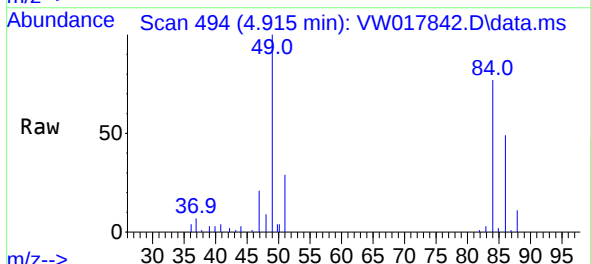
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK

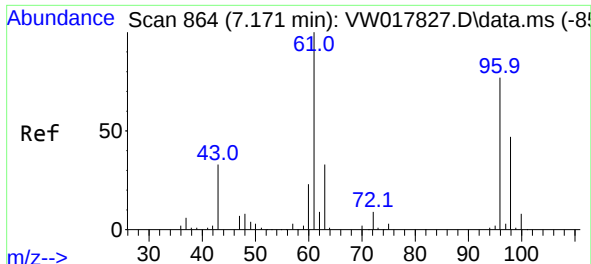
Tgt Ion: 62 Resp: 3489
 Ion Ratio Lower Upper
 62 100
 64 111.4 23.3 43.3#



#16
 Methylene chloride
 Concen: 5.80 ug/L
 RT: 4.915 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VW017842.D
 Acq: 12 Jan 2021 17:50

Tgt Ion: 84 Resp: 26909
 Ion Ratio Lower Upper
 84 100
 49 130.3 90.5 168.1
 86 63.4 44.8 83.2



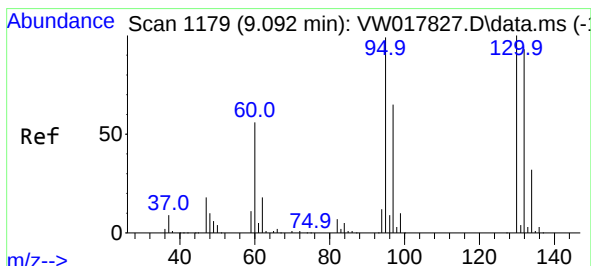
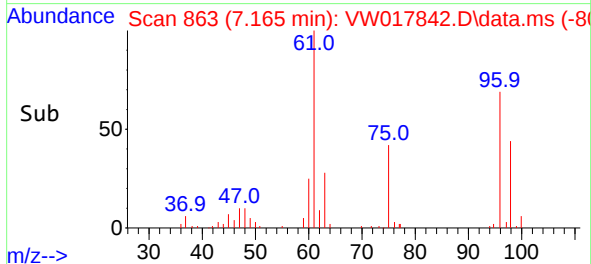
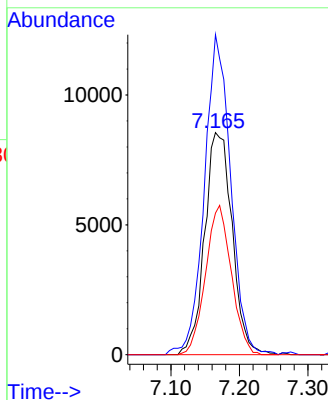
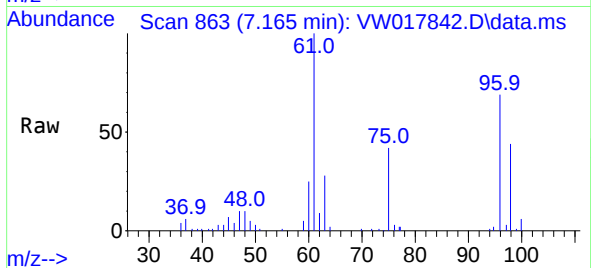


#22
cis-1,2-Dichloroethene
Concen: 5.27 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017842.D
Acq: 12 Jan 2021 17:50

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 96 Resp: 23862

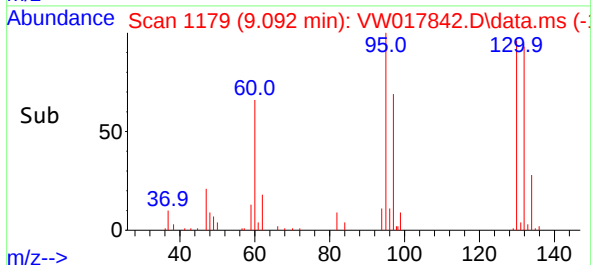
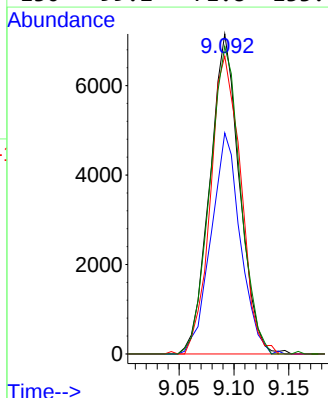
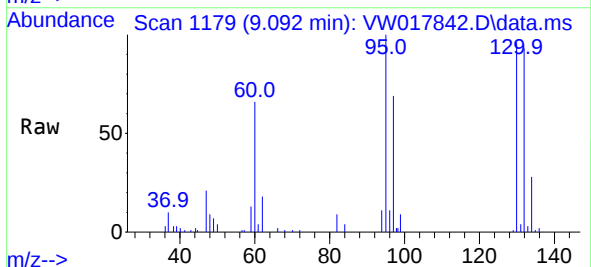
Ion	Ratio	Lower	Upper
96	100		
61	144.0	88.2	163.8
98	63.8	43.7	81.1

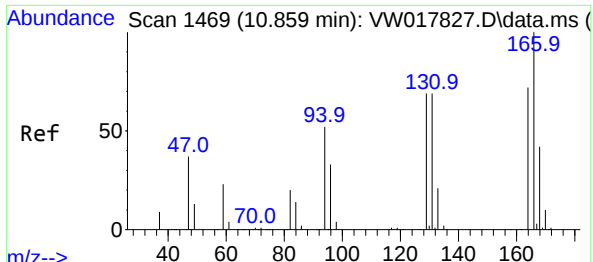


#35
Trichloroethene
Concen: 2.93 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017842.D
Acq: 12 Jan 2021 17:50

Tgt Ion: 95 Resp: 13478

Ion	Ratio	Lower	Upper
95	100		
97	67.9	46.8	87.0
132	95.0	68.3	126.9
130	99.2	71.8	133.4





#47
Tetrachloroethene
Concen: 4.63 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW017842.D
Acq: 12 Jan 2021 17:50

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 16660

Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.9	116.9
131	82.3	63.8	118.6
166	113.6	87.4	162.2

