

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
 Data File : VW019621.D
 Acq On : 27 Jul 2021 14:24
 Operator : SY/VA
 Sample : M3122-06
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK001

Quant Time: Jul 28 00:50:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 28 00:48:17 2021
 Response via : Initial Calibration

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

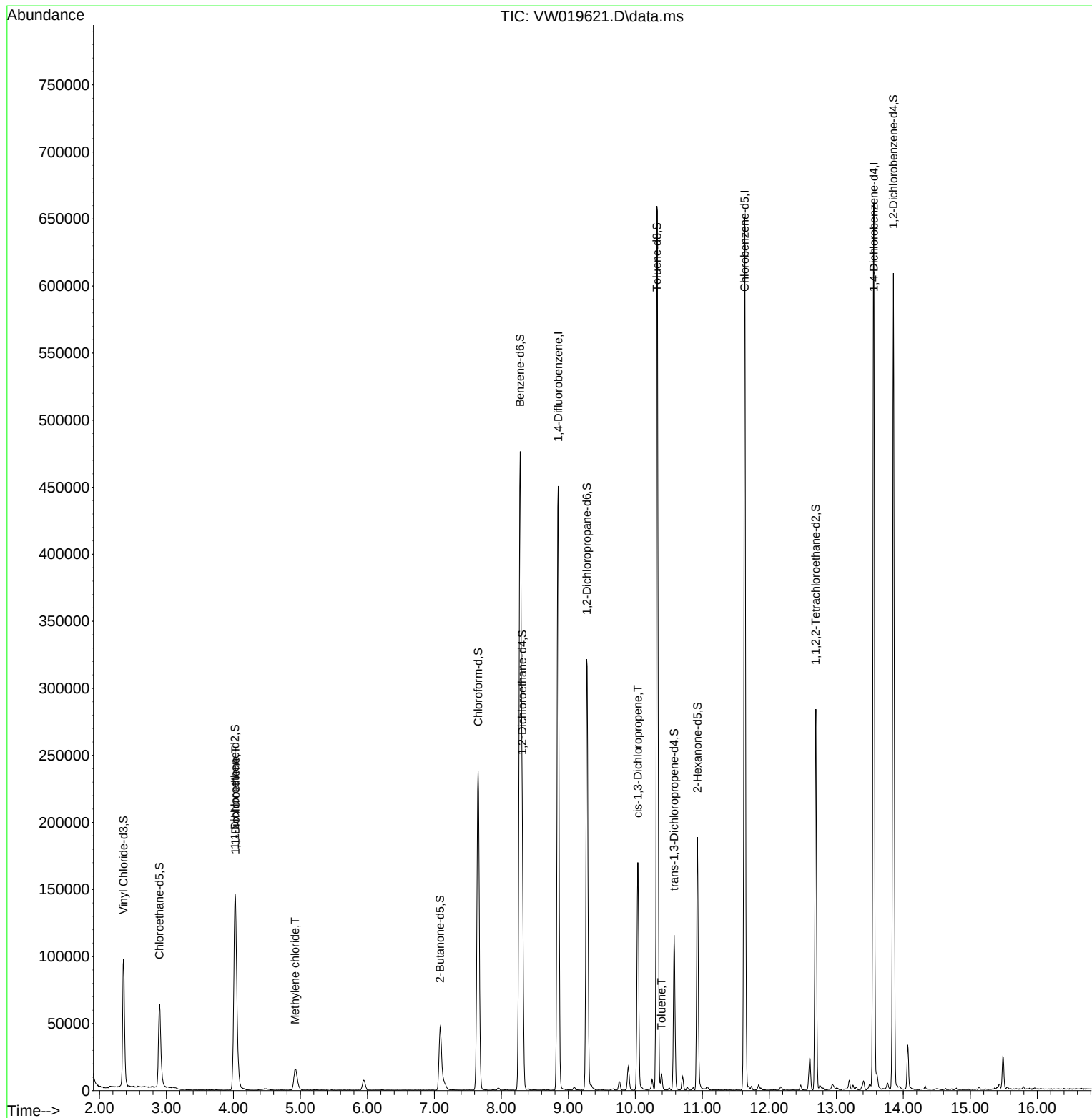
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	373405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363229	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	173030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	117867	22.278	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.120%		
7) Chloroethane-d5	2.897	69	89477	23.716	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.880%		
11) 1,1-Dichloroethene-d2	4.025	63	168484	16.505	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.000%		
21) 2-Butanone-d5	7.086	46	81292	52.939	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.880%		
24) Chloroform-d	7.653	84	251808	24.406	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.640%		
26) 1,2-Dichloroethane-d4	8.311	65	143963	25.426	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.720%		
32) Benzene-d6	8.281	84	493389	22.819	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.280%		
36) 1,2-Dichloropropane-d6	9.274	67	158142	23.466	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.880%		
41) Toluene-d8	10.323	98	442169	22.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.720%		
43) trans-1,3-Dichloroprop...	10.579	79	64589	22.380	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.520%		
47) 2-Hexanone-d5	10.926	63	62974	50.369	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.740%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	143544	26.361	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	159920	26.195	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.800%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.031	96	1512	0.310	ug/L #	1
16) Methylene chloride	4.921	84	14764	1.983	ug/L	97
39) cis-1,3-Dichloropropene	10.036	75	4460	0.506	ug/L #	73
42) Toluene	10.390	91	8589	0.362	ug/L	97

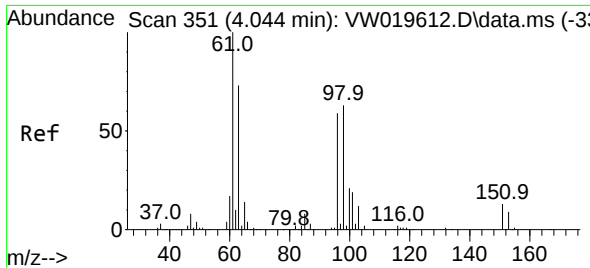
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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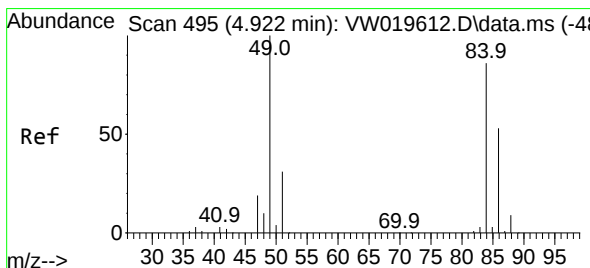
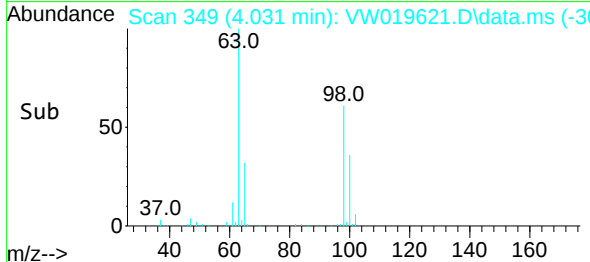
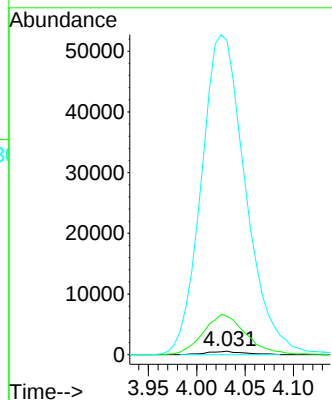
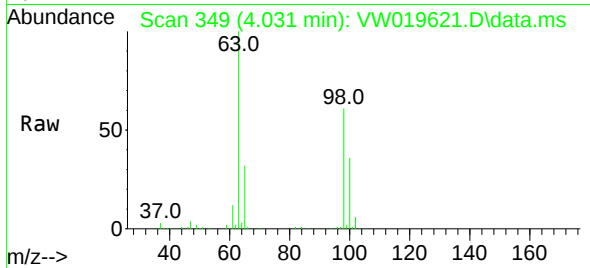




#12
1,1-Dichloroethene
Concen: 0.310 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW019621.D
Acq: 27 Jul 2021 14:24

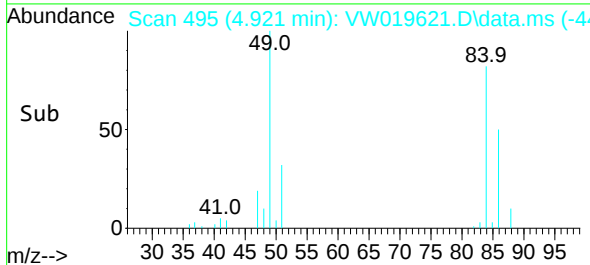
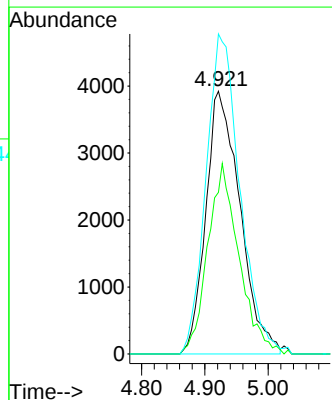
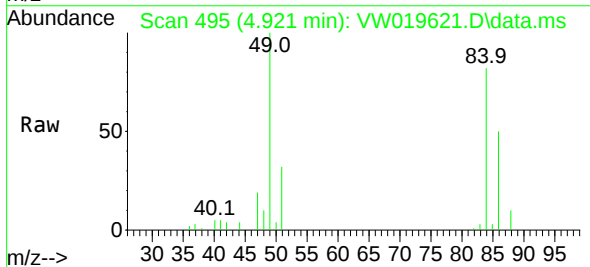
Instrument :
MSVOA_W
ClientSampleId :
VHBLK001

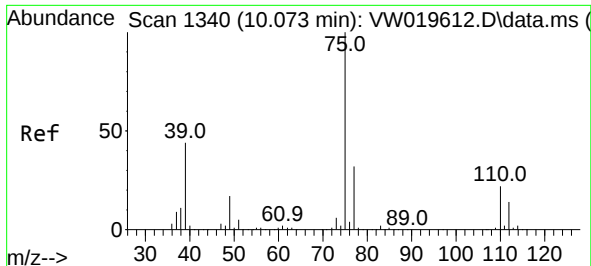
Tgt Ion: 96 Resp: 1512
Ion Ratio Lower Upper
96 100
61 1103.3 118.1 219.3#
63 9029.0 83.7 155.5#



#16
Methylene chloride
Concen: 1.983 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019621.D
Acq: 27 Jul 2021 14:24

Tgt Ion: 84 Resp: 14764
Ion Ratio Lower Upper
84 100
86 61.5 45.3 84.1
49 121.8 86.6 160.8

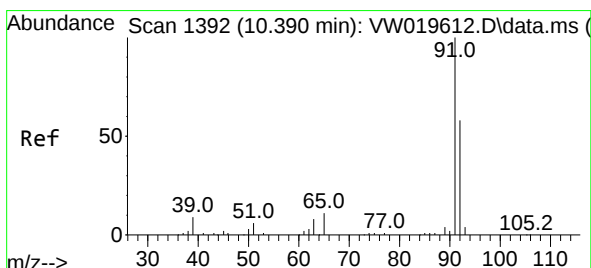
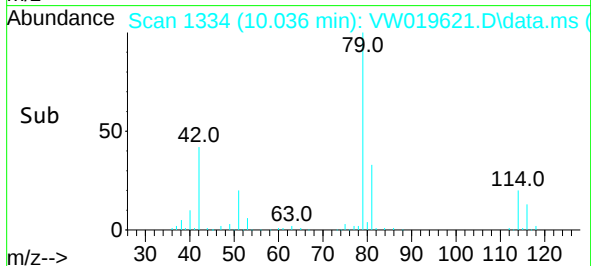
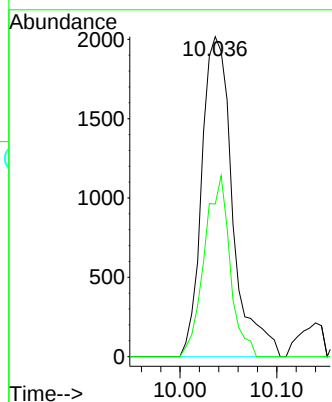
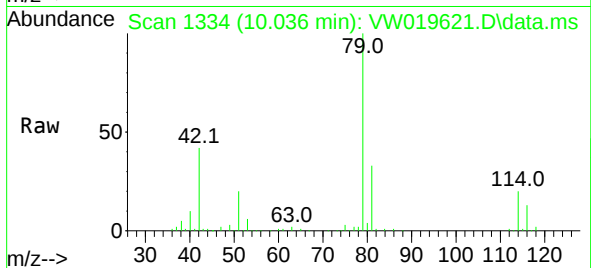




#39
 cis-1,3-Dichloropropene
 Concen: 0.506 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW019621.D
 Acq: 27 Jul 2021 14:24

Instrument :
 MSVOA_W
 ClientSampled :
 VHBLK001

Tgt Ion: 75 Resp: 4460
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.6 42.0#



#42
 Toluene
 Concen: 0.362 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW019621.D
 Acq: 27 Jul 2021 14:24

Tgt Ion: 91 Resp: 8589
 Ion Ratio Lower Upper
 91 100
 92 54.5 39.5 73.3

