

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018157.D
 Acq On : 16 Feb 2021 13:03
 Operator : SY/VA
 Sample : VIBLK13
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Quant Time: Feb 17 01:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

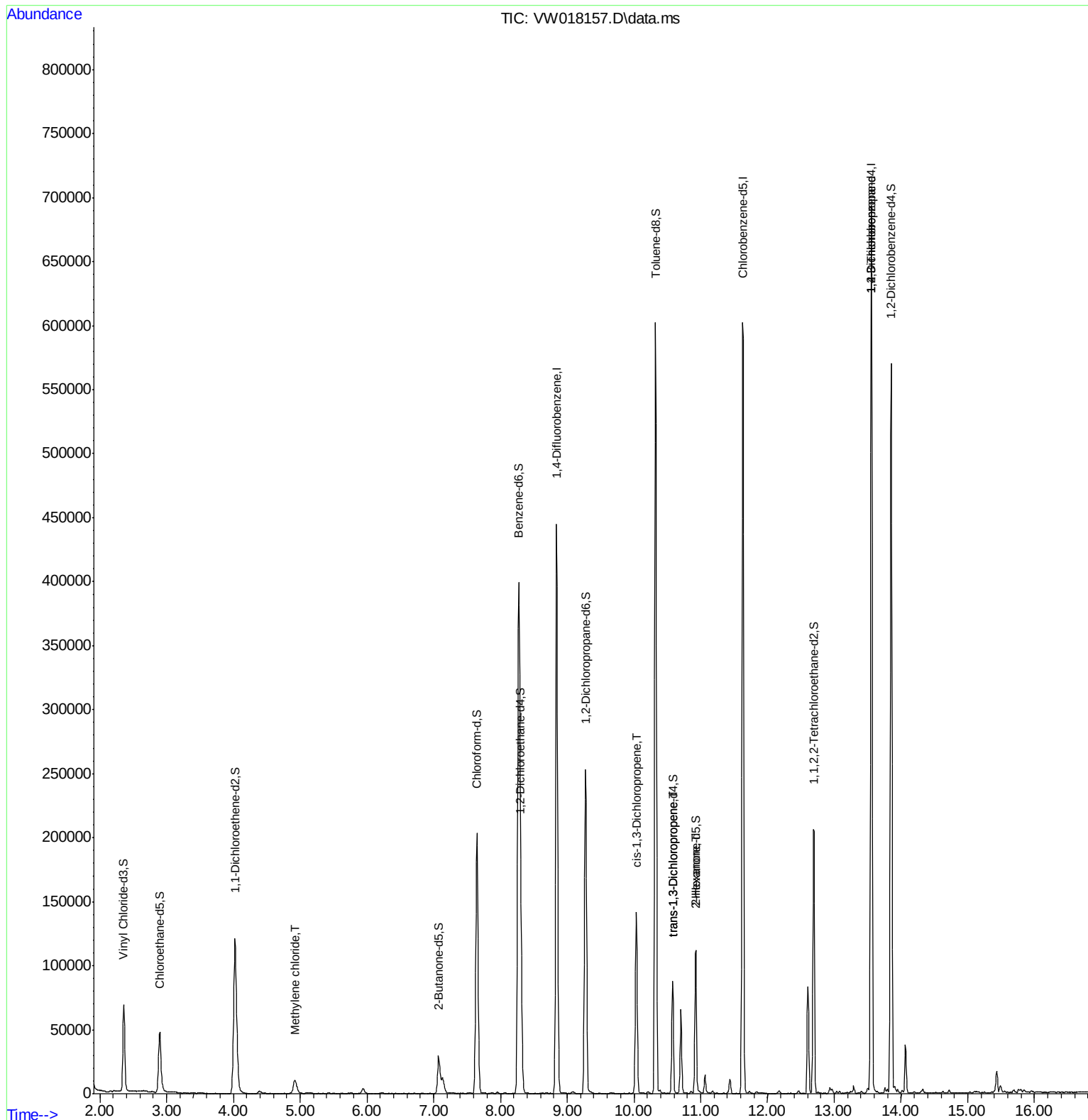
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	367759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	193621	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	82500	16.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.96%		
7) Chloroethane-d5	2.891	69	70077	17.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.60%		
10) 1,1-Dichloroethene-d2	4.025	63	134076	13.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.64%		
20) 2-Butanone-d5	7.074	46	48953	36.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.34%		
24) Chloroform-d	7.647	84	215766	20.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.72%		
26) 1,2-Dichloroethane-d4	8.305	65	111262	19.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.08%		
29) Benzene-d6	8.275	84	425277	21.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.24%		
33) 1,2-Dichloropropane-d6	9.274	67	121072	21.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.76%		
37) Toluene-d8	10.323	98	407332	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.80%		
38) trans-1,3-Dichloroprop...	10.579	79	51029	19.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.72%		
39) 2-Hexanone-d5	10.927	63	40578	37.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.16%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	102392	20.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	161591	23.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.60%		
Target Compounds						
16) Methylene chloride	4.922	84	10005	1.55	ug/L	85
42) cis-1,3-Dichloropropene	10.036	75	3632	0.46	ug/L #	61
45) trans-1,3-Dichloropropene	10.579	75	2331	0.34	ug/L	92
49) 2-Hexanone	10.920	43	4354	2.04	ug/L #	58
59) 1,2,3-Trichloropropane	13.554	75	19494	5.17	ug/L	100

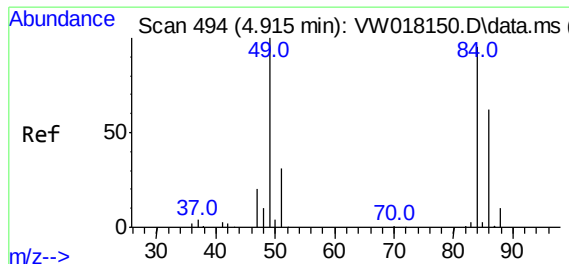
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 17 01:02:43 2021
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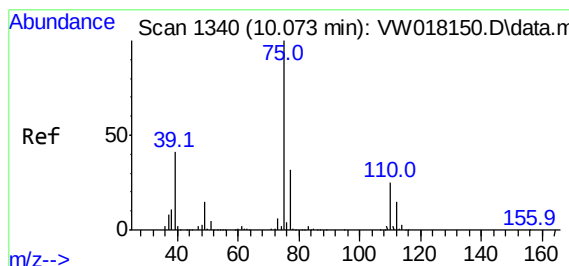
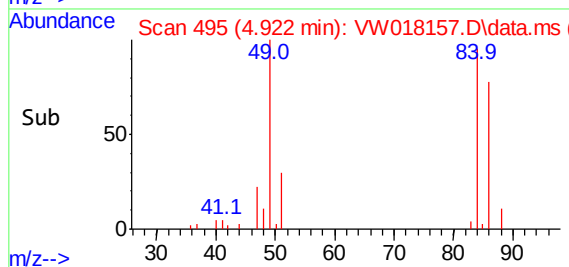
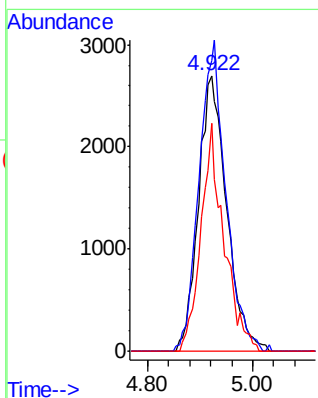
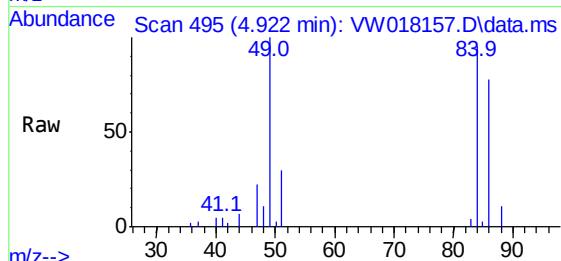


#16
Methylene chloride
Concen: 1.55 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018157.D
Acq: 16 Feb 2021 13:03

Instrument :
MSVOA_W
ClientSampleId :
VIBLK13

Tgt Ion: 84 Resp: 10005

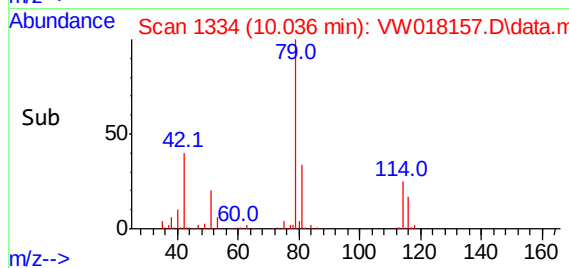
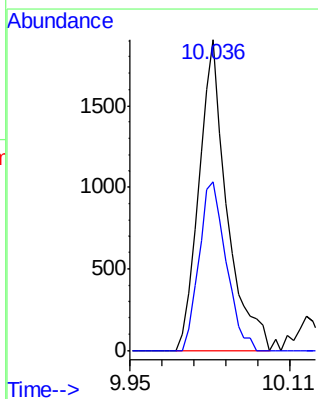
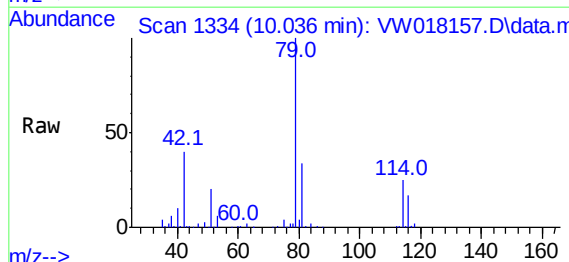
Ion	Ratio	Lower	Upper
84	100		
49	105.7	81.2	150.8
86	82.7	44.5	82.7

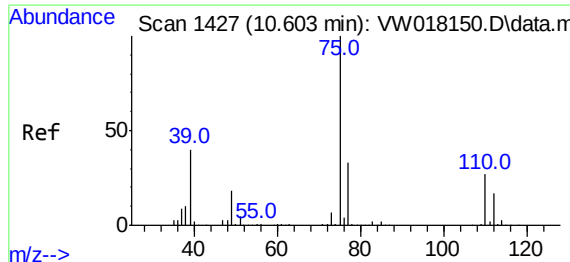


#42
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018157.D
Acq: 16 Feb 2021 13:03

Tgt Ion: 75 Resp: 3632

Ion	Ratio	Lower	Upper
75	100		
77	54.1	22.7	42.3

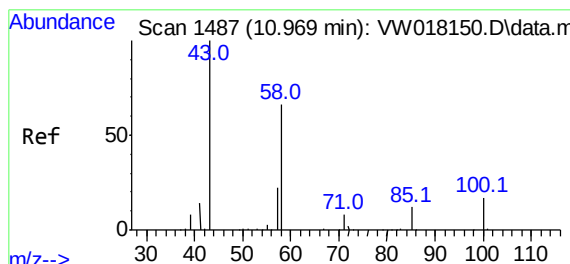
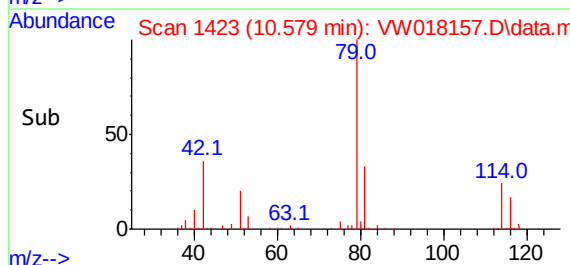
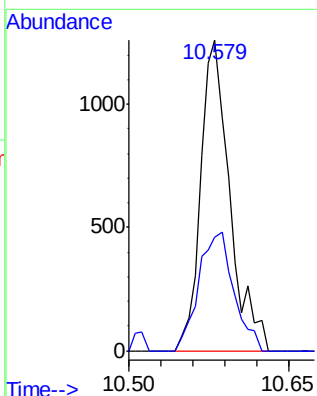
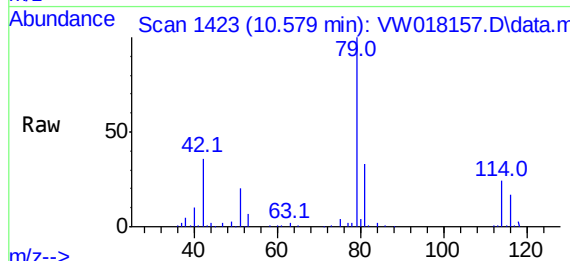




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018157.D
Acq: 16 Feb 2021 13:03

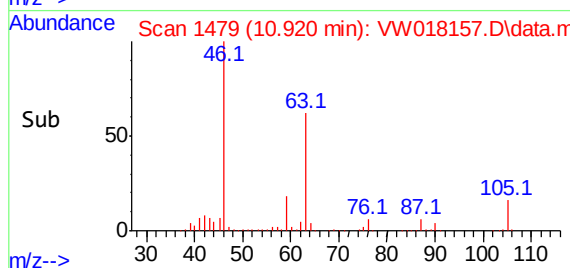
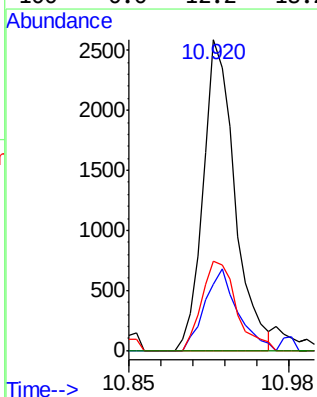
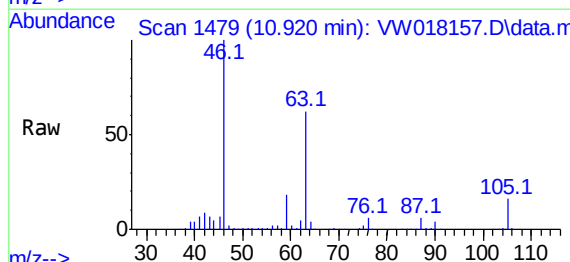
Instrument :
MSVOA_W
ClientSampled :
VIBLK13

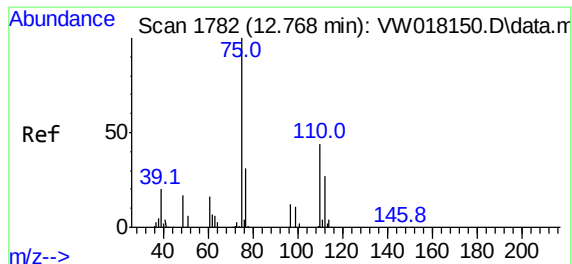
Tgt Ion: 75 Resp: 2331
Ion Ratio Lower Upper
75 100
77 36.5 22.6 42.0



#49
2-Hexanone
Concen: 2.04 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018157.D
Acq: 16 Feb 2021 13:03

Tgt Ion: 43 Resp: 4354
Ion Ratio Lower Upper
43 100
58 27.3 51.3 76.9#
57 31.6 15.0 22.6#
100 0.0 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.17 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018157.D
 Acq: 16 Feb 2021 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Tgt Ion: 75 Resp: 19494
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.6 39.8

