

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018065.D
 Acq On : 10 Feb 2021 16:21
 Operator : SY/VA
 Sample : M1371-08
 Misc : 5.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

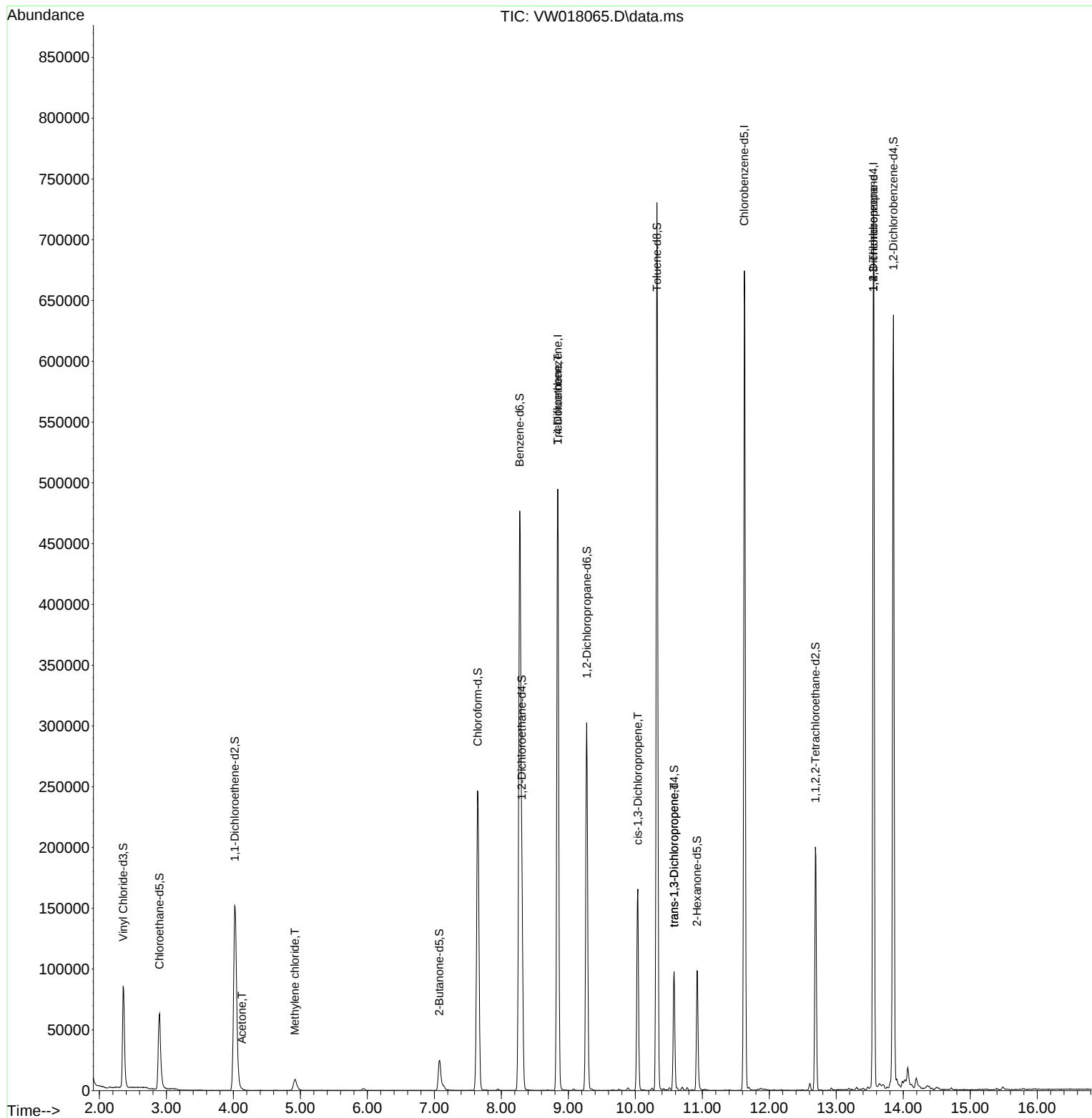
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442361	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	401835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206595	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	106945	19.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.80%		
7) Chloroethane-d5	2.898	69	89159	20.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.72%		
10) 1,1-Dichloroethene-d2	4.019	63	170766	15.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.16%		
20) 2-Butanone-d5	7.074	46	42479	28.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.90%		
24) Chloroform-d	7.647	84	258748	22.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.16%		
26) 1,2-Dichloroethane-d4	8.305	65	123149	19.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.68%		
29) Benzene-d6	8.275	84	516746	23.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.68%		
33) 1,2-Dichloropropane-d6	9.275	67	143432	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.96%		
37) Toluene-d8	10.323	98	492004	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.76%		
38) trans-1,3-Dichloroprop...	10.579	79	57400	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.08%		
39) 2-Hexanone-d5	10.921	63	35808	30.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.70%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	97200	17.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.72%		
61) 1,2-Dichlorobenzene-d4	13.853	152	177168	24.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.16%		
Target Compounds						Qvalue
13) Acetone	4.129	43	1210	1.11	ug/L	70
16) Methylene chloride	4.916	84	8623	1.22	ug/L	87
35) Trichloroethene	8.842	95	13542	2.05	ug/L #	3
42) cis-1,3-Dichloropropene	10.037	75	3903	0.45	ug/L #	69
45) trans-1,3-Dichloropropene	10.579	75	2410	0.32	ug/L #	81
59) 1,2,3-Trichloropropane	13.554	75	20279	4.92	ug/L	97

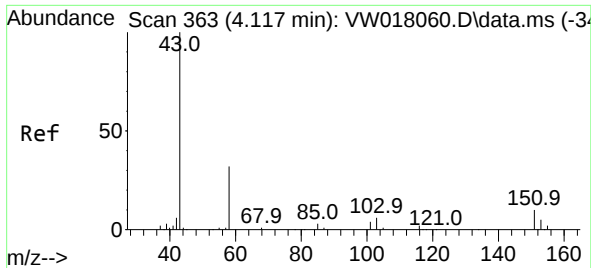
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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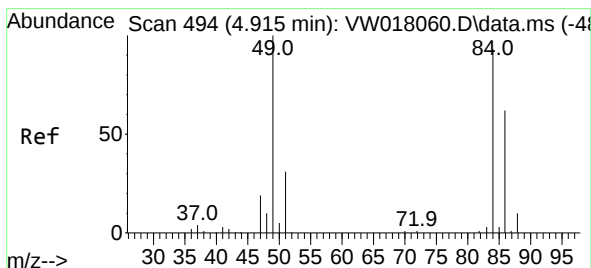
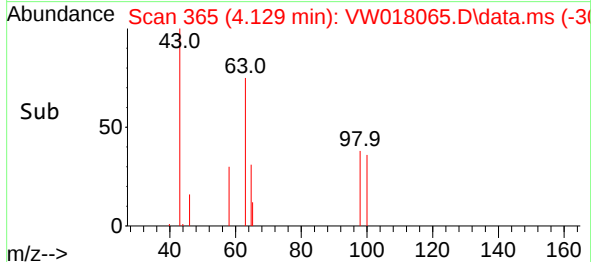
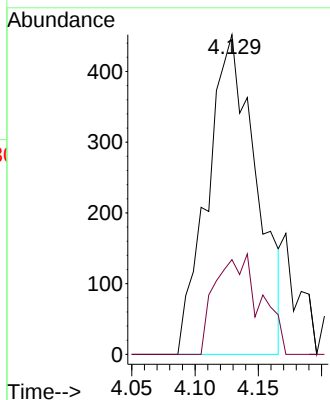
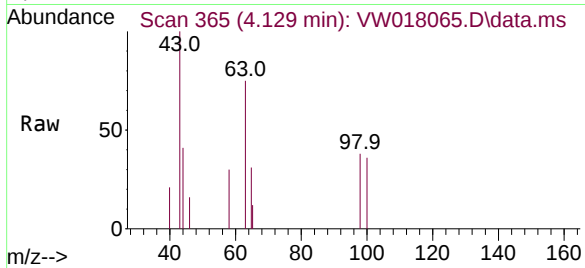




#13
Acetone
Concen: 1.11 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

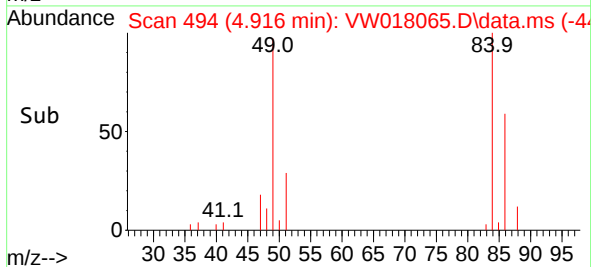
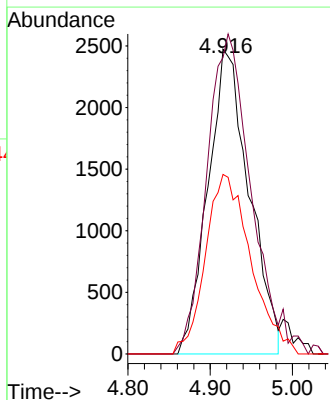
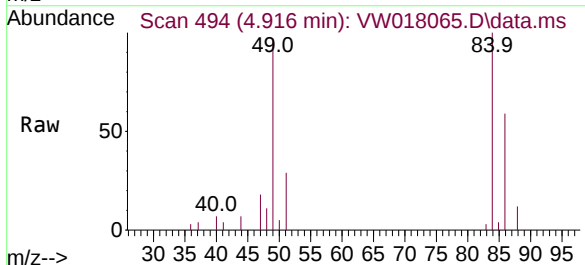
Instrument :
MSVOA_W
ClientSampled :

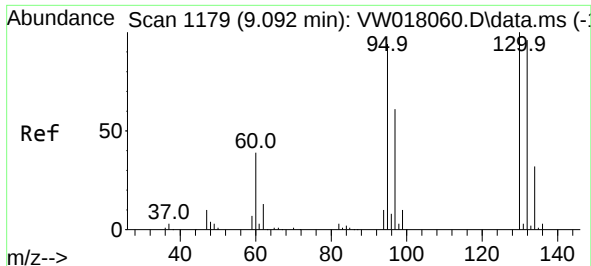
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 16.8 0.0 68.4



#16
Methylene chloride
Concen: 1.22 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

Tgt Ion: 84 Resp: 8623
Ion Ratio Lower Upper
84 100
49 97.2 81.2 150.8
86 58.9 44.5 82.7

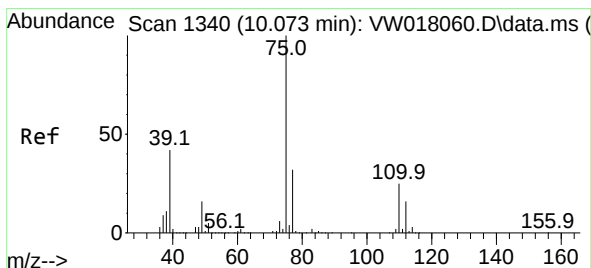
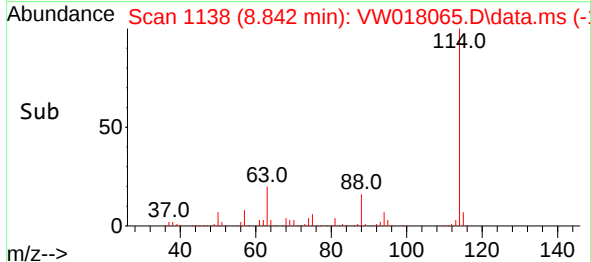
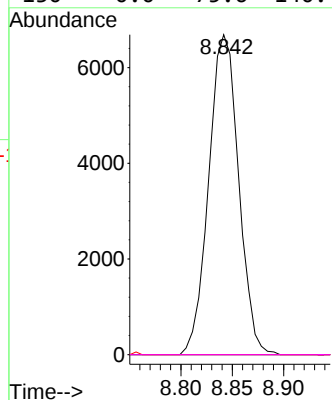
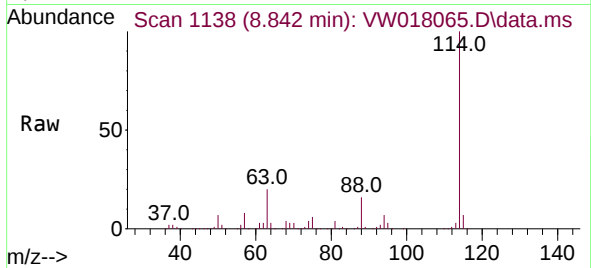




#35
Trichloroethene
Concen: 2.05 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

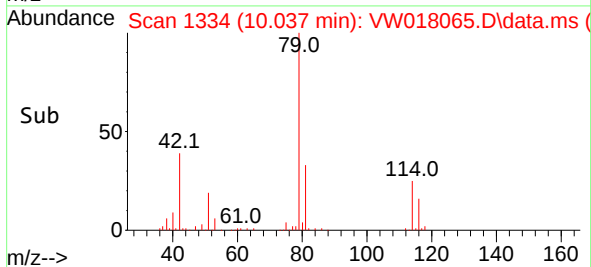
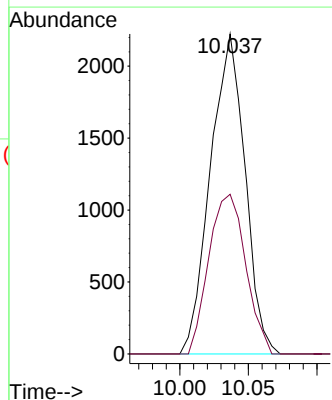
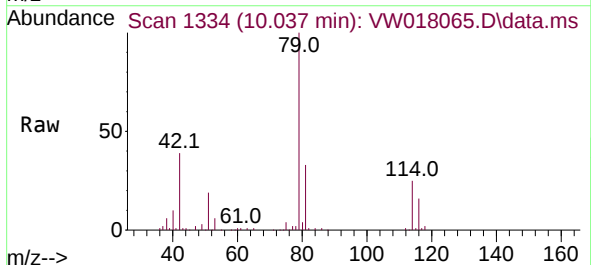
Instrument :
MSVOA_W
ClientSampled :

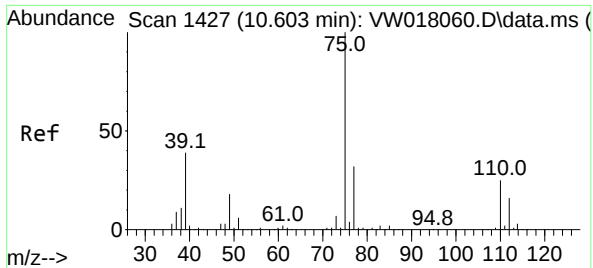
Tgt Ion: 95 Resp: 13542
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

Tgt Ion: 75 Resp: 3903
Ion Ratio Lower Upper
75 100
77 49.9 22.7 42.3#

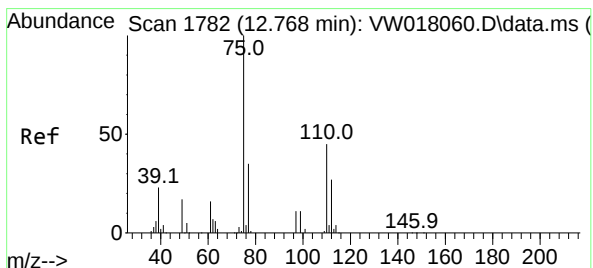
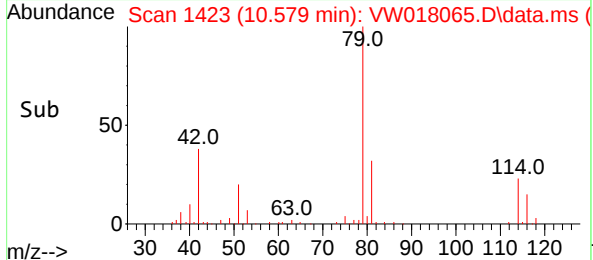
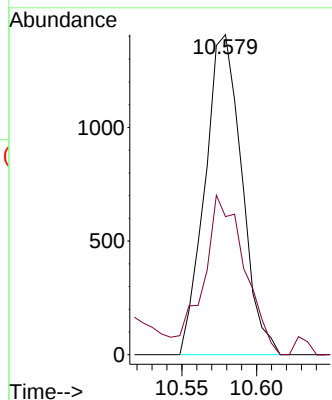
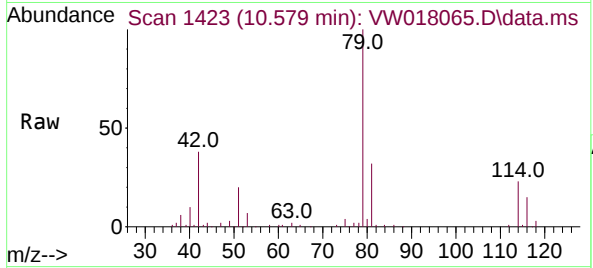




#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 2410
Ion Ratio Lower Upper
75 100
77 43.2 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 4.92 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018065.D
Acq: 10 Feb 2021 16:21

Tgt Ion: 75 Resp: 20279
Ion Ratio Lower Upper
75 100
77 35.0 26.6 39.8

