

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018071.D
 Acq On : 10 Feb 2021 18:45
 Operator : SY/VA
 Sample : M1371-05MS
 Misc : 6.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MS

Quant Time: Feb 11 00:59:26 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)

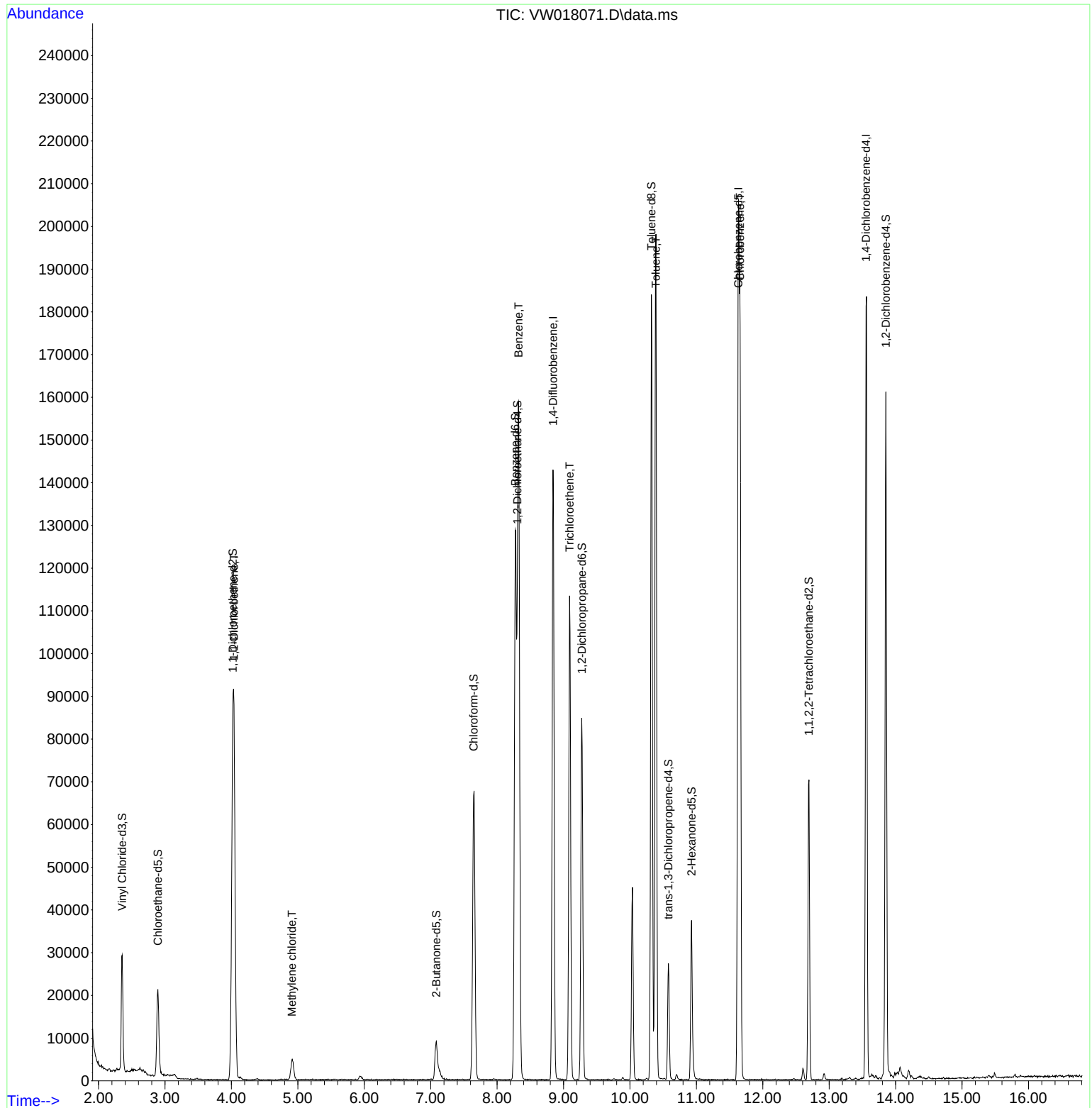
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	111764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	52948	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	28988	18.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.68%		
7) Chloroethane-d5	2.891	69	25333	20.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.00%		
10) 1,1-Dichloroethene-d2	4.019	63	68743	21.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.20%		
20) 2-Butanone-d5	7.086	46	15149	35.57	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.14%		
24) Chloroform-d	7.647	84	72538	21.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.12%		
26) 1,2-Dichloroethane-d4	8.305	65	38758	21.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.40%		
29) Benzene-d6	8.275	84	139850	22.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.16%		
33) 1,2-Dichloropropane-d6	9.274	67	40322	23.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.96%		
37) Toluene-d8	10.323	98	126565	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.72%		
38) trans-1,3-Dichloroprop...	10.579	79	15858	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.52%		
39) 2-Hexanone-d5	10.927	63	12222	37.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.48%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	34132	22.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	43304	22.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.72%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	35351	20.61	ug/L	96
16) Methylene chloride	4.909	84	3986	1.94	ug/L	73
34) Benzene	8.323	78	141991	21.74	ug/L	100
35) Trichloroethene	9.092	95	39668	21.55	ug/L	99
44) Toluene	10.390	91	151566	21.08	ug/L	99
52) Chlorobenzene	11.658	112	97658	20.62	ug/L	94

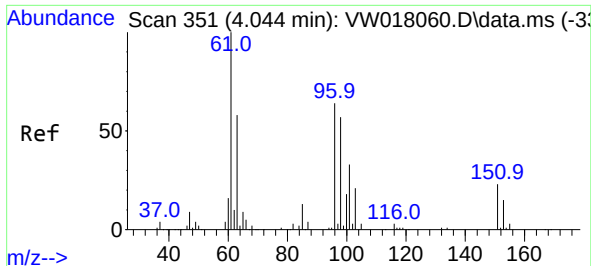
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 20.61 ug/L

RT: 4.038 min Scan# 350

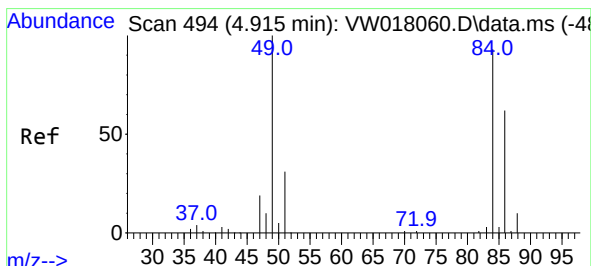
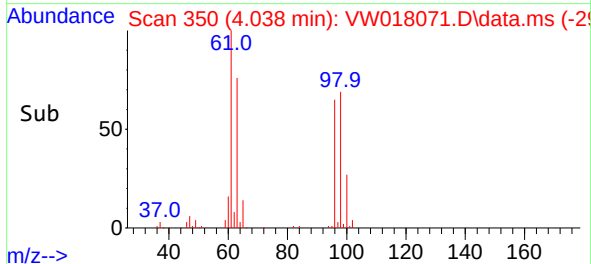
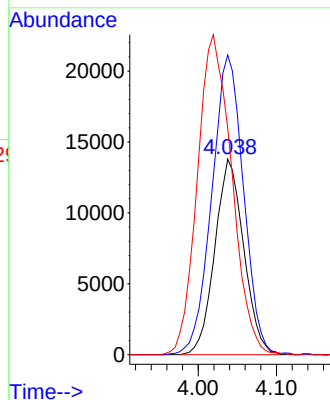
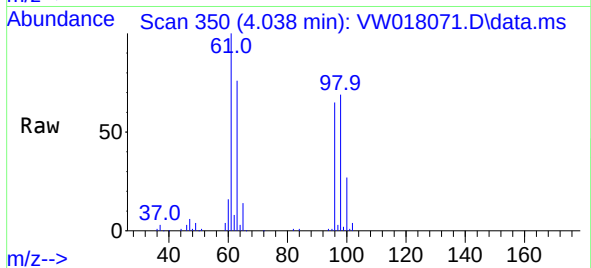
Delta R.T. -0.006 min

Lab File: VW018071.D

Acq: 10 Feb 2021 18:45

Tgt Ion: 96 Resp: 35351

Ion	Ratio	Lower	Upper
96	100		
61	153.3	112.5	208.9
63	115.8	83.1	154.3



#16

Methylene chloride

Concen: 1.94 ug/L

RT: 4.909 min Scan# 493

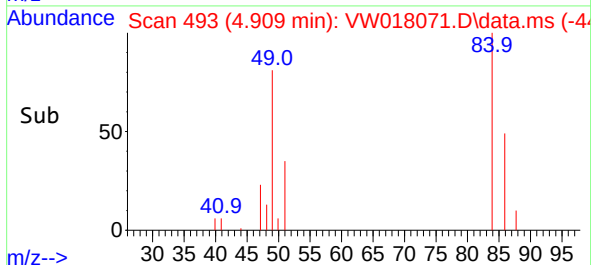
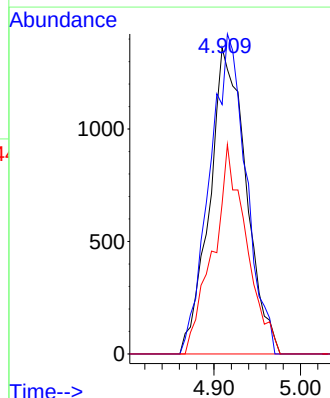
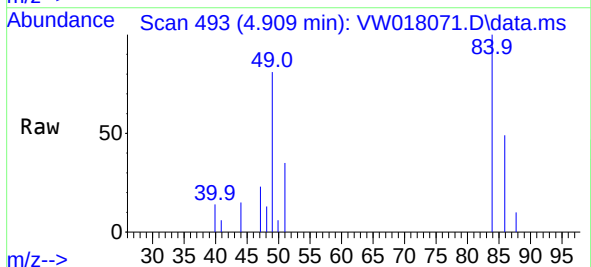
Delta R.T. -0.006 min

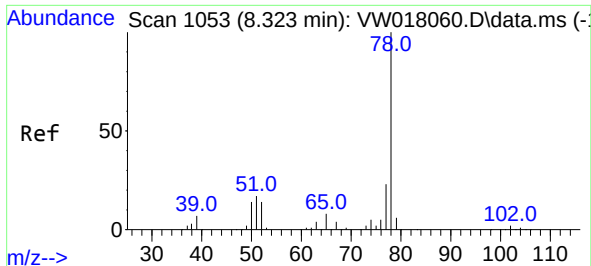
Lab File: VW018071.D

Acq: 10 Feb 2021 18:45

Tgt Ion: 84 Resp: 3986

Ion	Ratio	Lower	Upper
84	100		
49	81.5	81.2	150.8
86	49.2	44.5	82.7

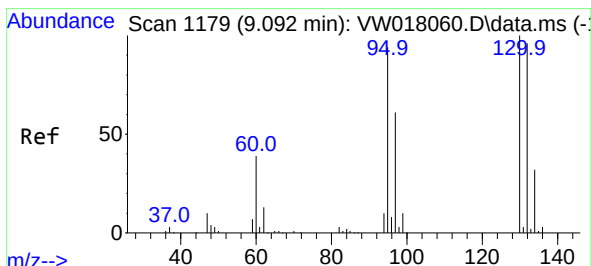
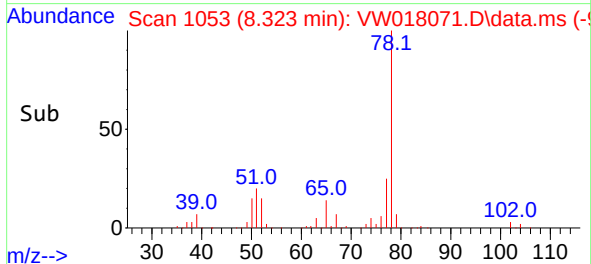
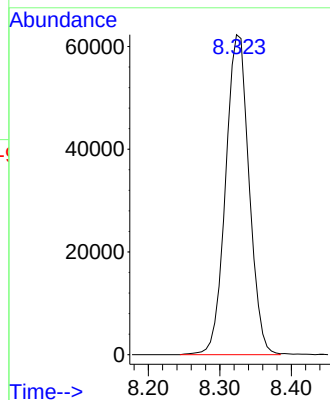
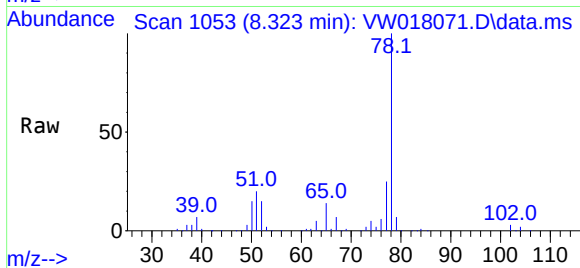




#34
Benzene
Concen: 21.74 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018071.D
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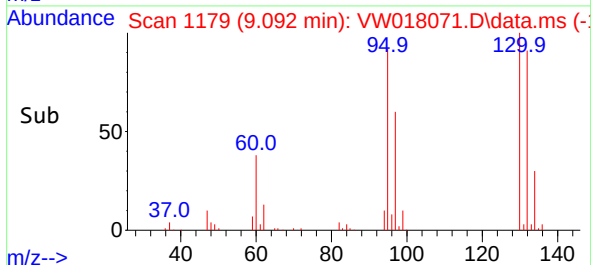
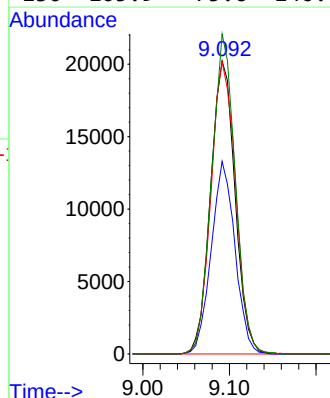
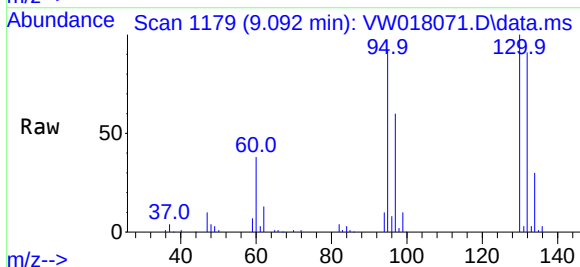
Tgt Ion: 78 Resp: 141991

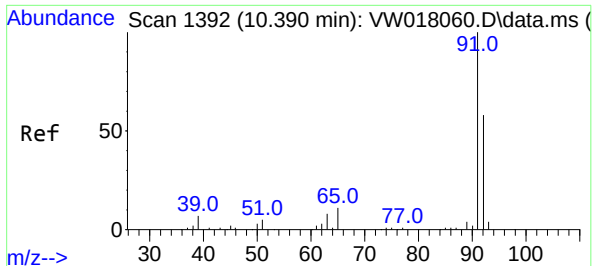


#35
Trichloroethene
Concen: 21.55 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 95 Resp: 39668

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.0	83.6
132	100.9	71.0	131.8
130	105.9	75.6	140.4

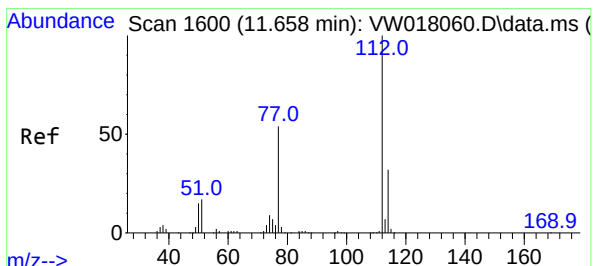
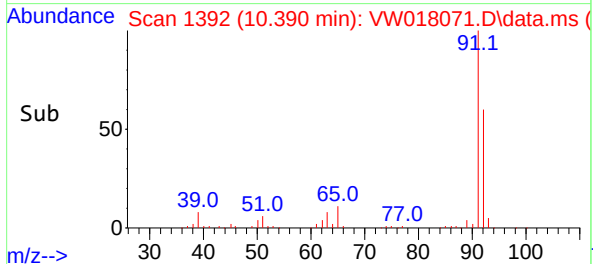
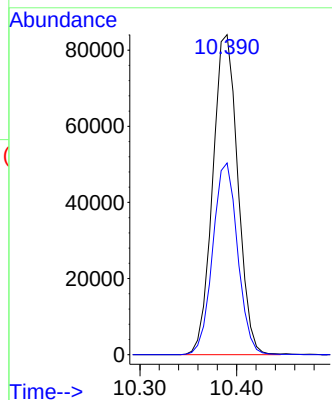
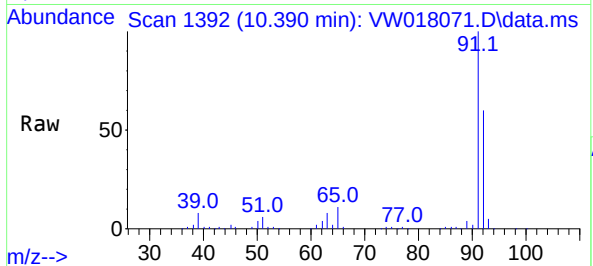




#44
Toluene
Concen: 21.08 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Instrument :
MSVOA_W
ClientSampleId :
DBH16MS

Tgt Ion: 91 Resp: 151566
Ion Ratio Lower Upper
91 100
92 59.9 41.6 77.3



#52
Chlorobenzene
Concen: 20.62 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018071.D
Acq: 10 Feb 2021 18:45

Tgt Ion: 112 Resp: 97658
Ion Ratio Lower Upper
112 100
77 55.8 42.6 64.0
114 35.9 21.6 40.2

