

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018072.D
 Acq On : 10 Feb 2021 19:09
 Operator : SY/VA
 Sample : M1371-06MSD
 Misc : 6.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

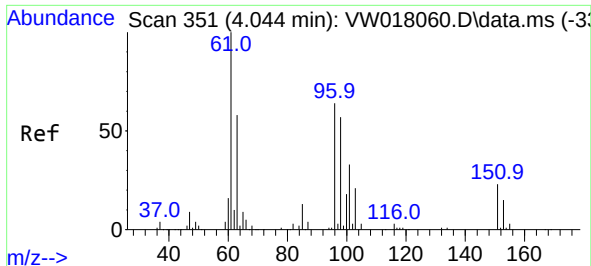
Instrument :
 MSVOA_W
 ClientSampleId :
 DBH16MSD

Quant Time: Feb 11 00:59:37 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	322728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	127037	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	78451	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.24%			
7) Chloroethane-d5	2.891	69	66760	20.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.88%			
10) 1,1-Dichloroethene-d2	4.019	63	171920	21.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.76%			
20) 2-Butanone-d5	7.074	46	35705	33.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.72%			
24) Chloroform-d	7.647	84	193707	22.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.48%			
26) 1,2-Dichloroethane-d4	8.305	65	97642	21.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.56%			
29) Benzene-d6	8.275	84	377045	24.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.92%			
33) 1,2-Dichloropropane-d6	9.274	67	107157	24.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.52%			
37) Toluene-d8	10.323	98	348932	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.24%			
38) trans-1,3-Dichloroprop...	10.579	79	42245	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.56%			
39) 2-Hexanone-d5	10.920	63	31413	38.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.30%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	80645	21.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.28%			
61) 1,2-Dichlorobenzene-d4	13.853	152	112492	24.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.28%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	87541	20.30	ug/L	92
13) Acetone	4.123	43	3174	4.01	ug/L	99
16) Methylene chloride	4.922	84	10490	2.03	ug/L	84
34) Benzene	8.323	78	371975	22.69	ug/L	100
35) Trichloroethene	9.092	95	101243	21.92	ug/L	98
44) Toluene	10.390	91	400513	22.20	ug/L	99
52) Chlorobenzene	11.658	112	249230	20.97	ug/L	98

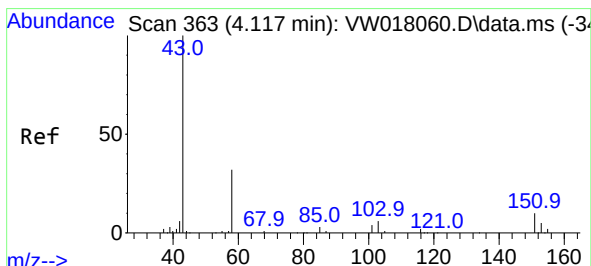
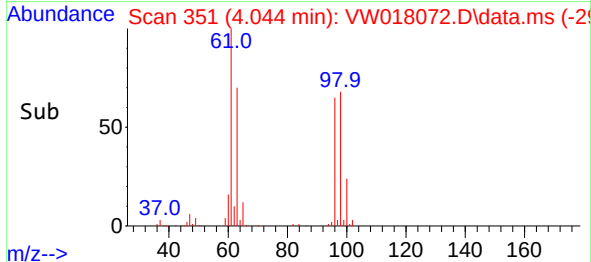
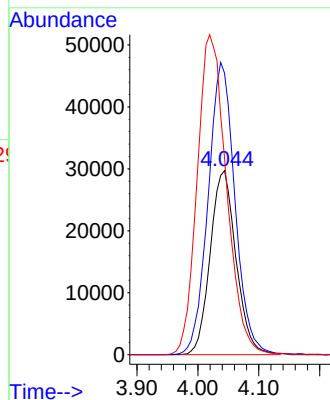
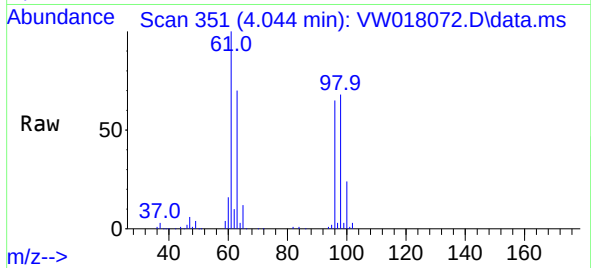
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 20.30 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018072.D
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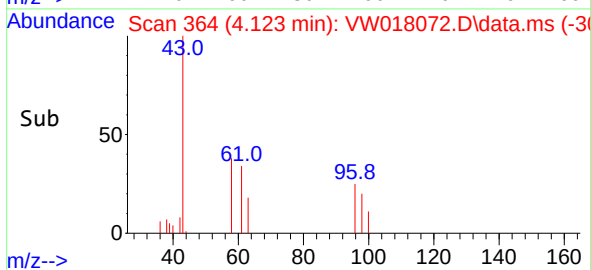
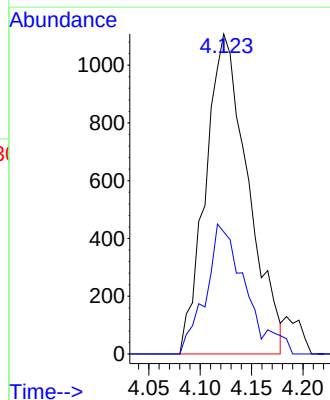
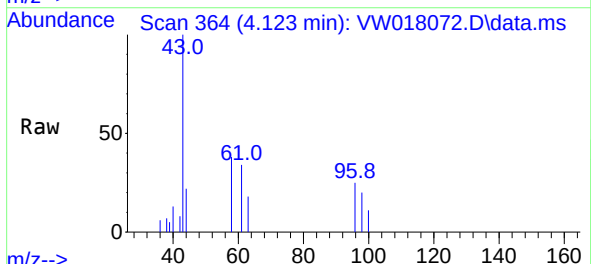
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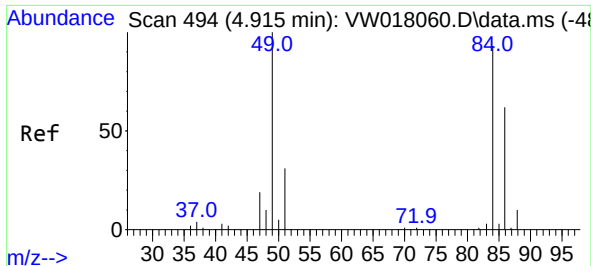
Tgt Ion: 96 Resp: 87541
Ion Ratio Lower Upper
96 100
61 153.1 112.5 208.9
63 107.2 83.1 154.3



#13
Acetone
Concen: 4.01 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
58 34.8 0.0 68.4



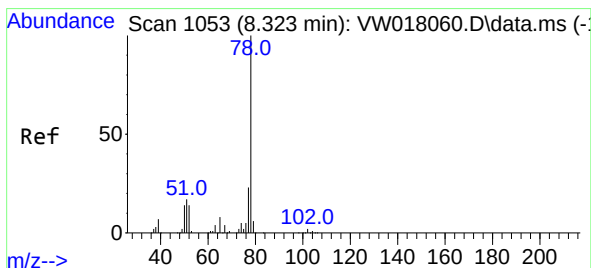
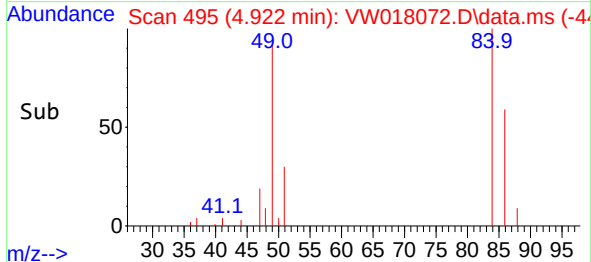
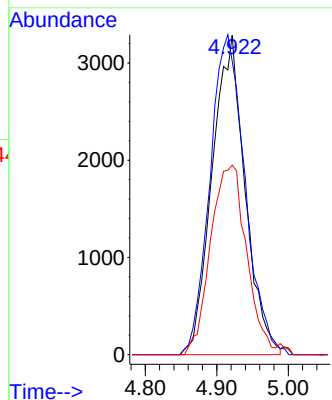
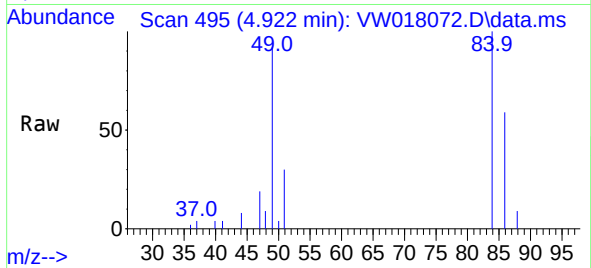


#16
Methylene chloride
Concen: 2.03 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Instrument :
MSVOA_W
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DBH16MSD

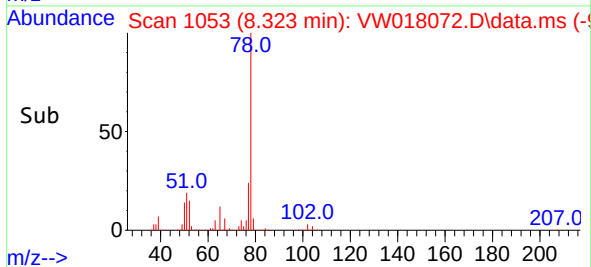
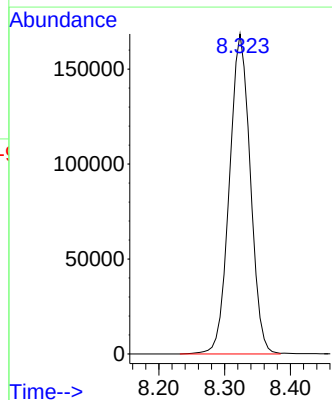
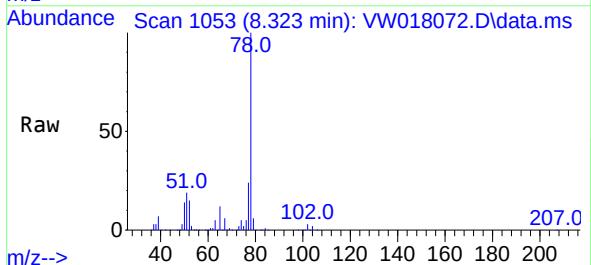
Tgt Ion: 84 Resp: 10490

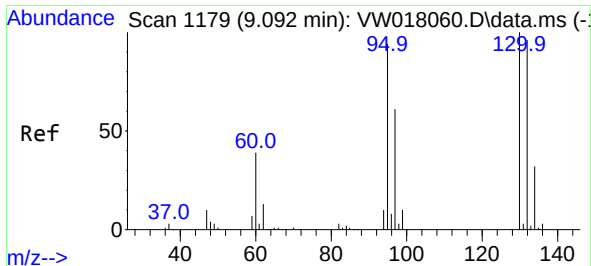
Ion	Ratio	Lower	Upper
84	100		
49	91.8	81.2	150.8
86	59.3	44.5	82.7



#34
Benzene
Concen: 22.69 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 78 Resp: 371975

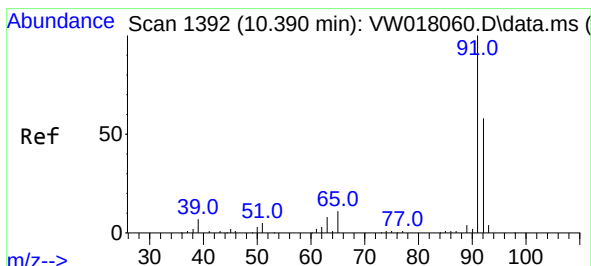
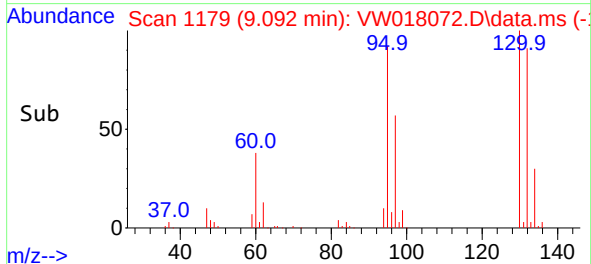
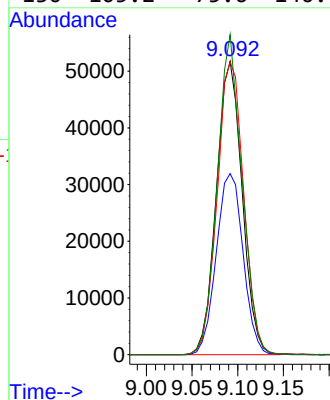
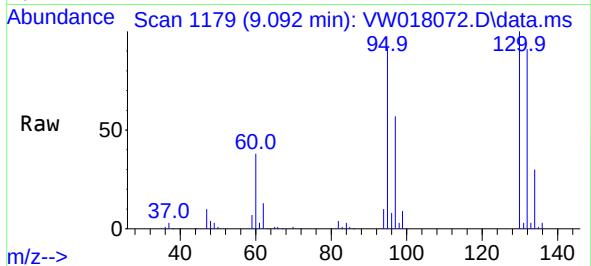




#35
Trichloroethene
Concen: 21.92 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

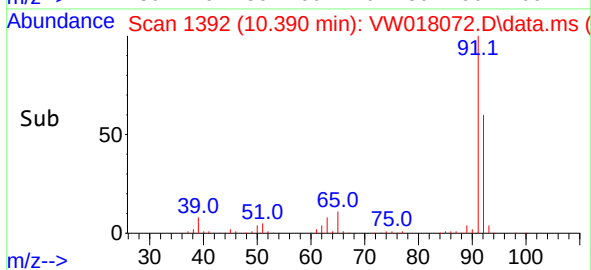
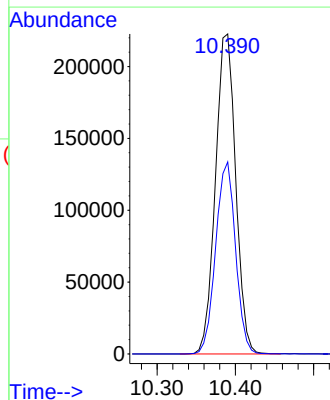
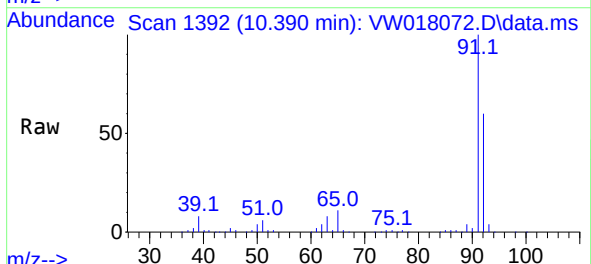
Instrument :
MSVOA_W
ClientSampleId :
DBH16MSD

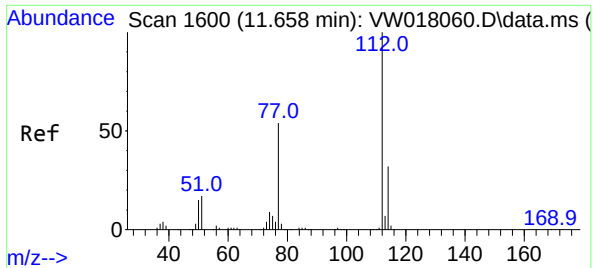
Tgt Ion: 95 Resp: 101243
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 102.8 71.0 131.8
130 105.2 75.6 140.4



#44
Toluene
Concen: 22.20 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 91 Resp: 400513
Ion Ratio Lower Upper
91 100
92 60.0 41.6 77.3





#52
Chlorobenzene
Concen: 20.97 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Instrument :
MSVOA_W
ClientSampleId :
DBH16MSD

Tgt Ion:112 Resp: 249230

Ion	Ratio	Lower	Upper
112	100		
77	54.5	42.6	64.0
114	32.4	21.6	40.2

