

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018289.D
 Acq On : 10 Mar 2021 15:41
 Operator : SY/VA
 Sample : M1630-01
 Misc : 6.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG572

Quant Time: Mar 11 02:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

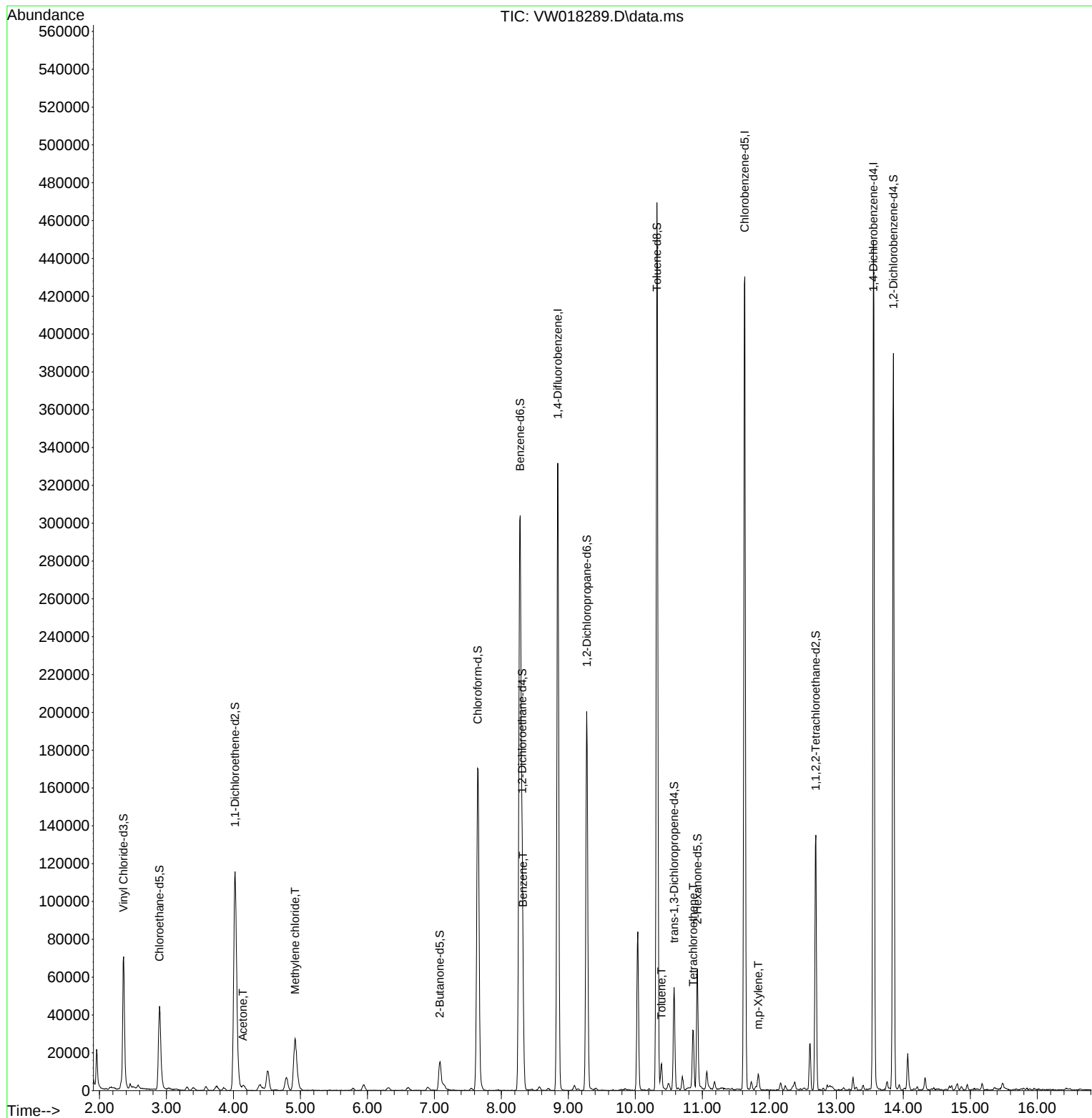
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270230	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	107697	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	79810	27.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.08%			
7) Chloroethane-d5	2.898	69	61299	25.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.16%			
10) 1,1-Dichloroethene-d2	4.025	63	126496	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.40%			
20) 2-Butanone-d5	7.080	46	25141	36.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.28%			
24) Chloroform-d	7.647	84	171477	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.68%			
26) 1,2-Dichloroethane-d4	8.311	65	91776	22.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.12%			
29) Benzene-d6	8.281	84	320946	24.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.12%			
33) 1,2-Dichloropropane-d6	9.274	67	87440	24.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.48%			
37) Toluene-d8	10.323	98	305955	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.92%			
38) trans-1,3-Dichloroprop...	10.579	79	29631	16.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.64%			
39) 2-Hexanone-d5	10.927	63	21963	36.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.58%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	62473	20.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	94884	24.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.96%			
Target Compounds						Qvalue
13) Acetone	4.141	43	2562	4.71	ug/L	74
16) Methylene chloride	4.922	84	24665	5.98	ug/L	95
34) Benzene	8.323	78	15125	1.08	ug/L	100
44) Toluene	10.390	91	10319	0.66	ug/L	99
47) Tetrachloroethene	10.866	164	6566	2.14	ug/L	86
54) m,p-Xylene	11.835	106	2321	0.34	ug/L	98

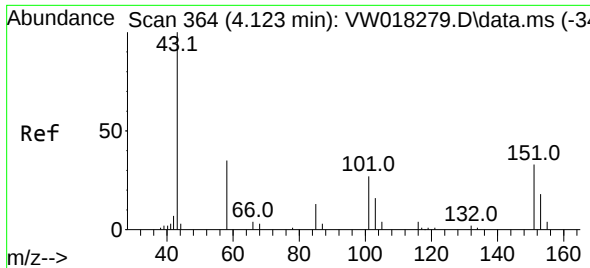
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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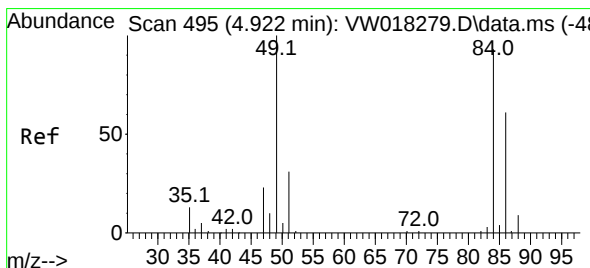
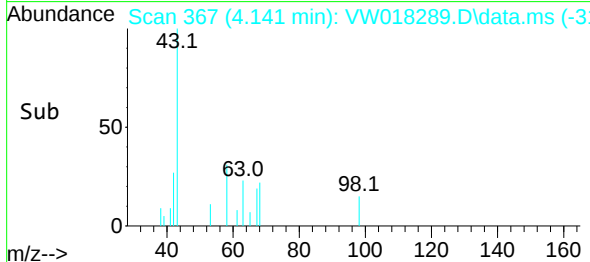
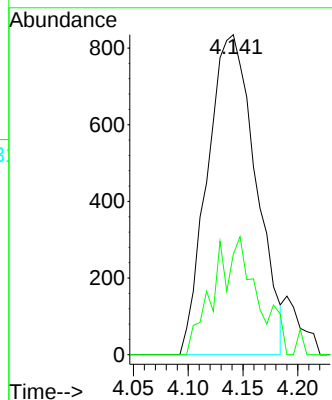
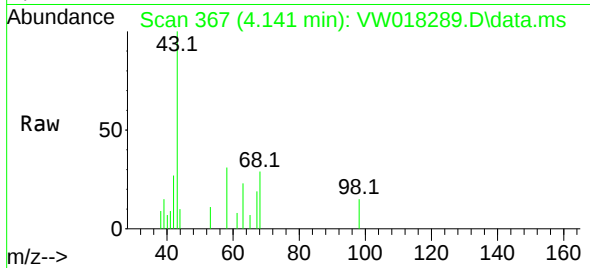




#13
Acetone
Concen: 4.71 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

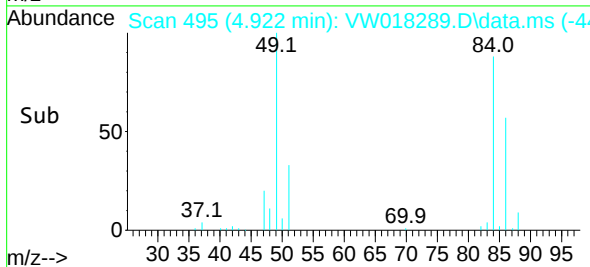
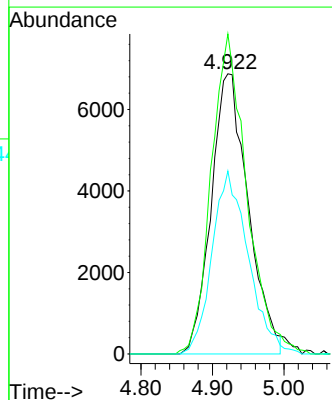
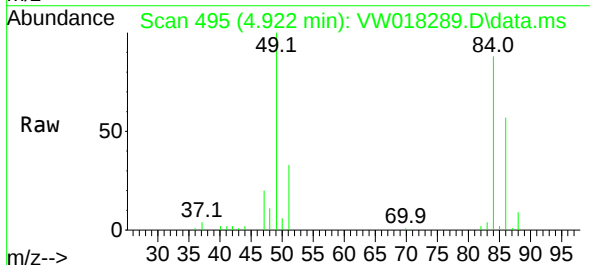
Instrument :
MSVOA_W
ClientSampled :
BG572

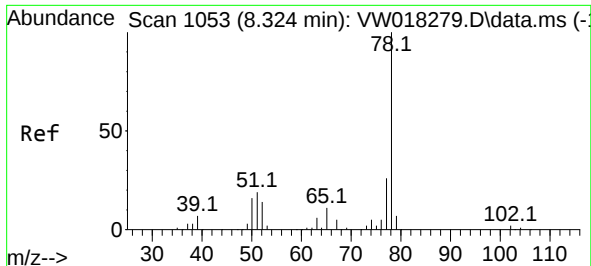
Tgt Ion: 43 Resp: 2562
Ion Ratio Lower Upper
43 100
58 16.6 0.0 62.2



#16
Methylene chloride
Concen: 5.98 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion: 84 Resp: 24665
Ion Ratio Lower Upper
84 100
49 114.2 74.4 138.2
86 65.3 46.1 85.7

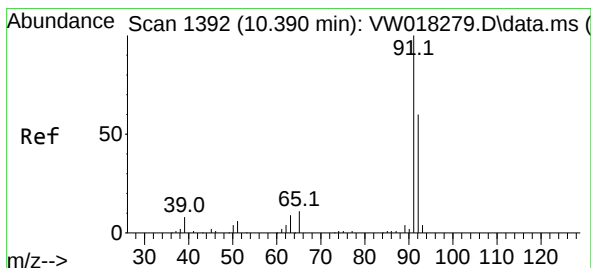
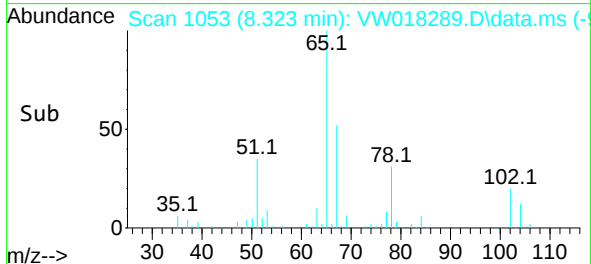
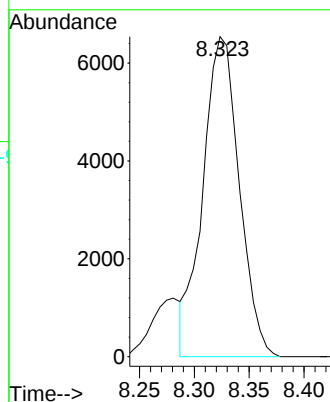
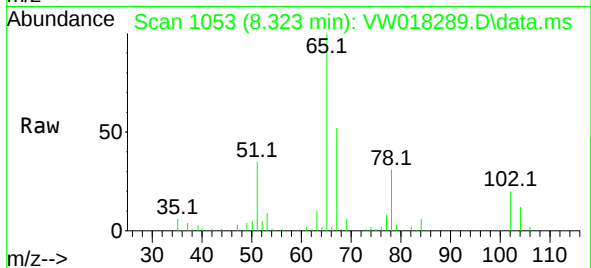




#34
Benzene
Concen: 1.08 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

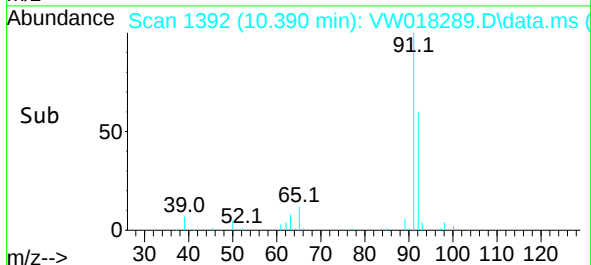
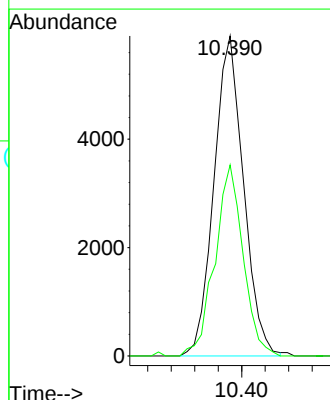
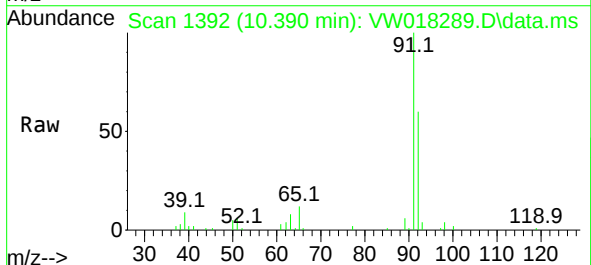
Instrument :
MSVOA_W
ClientSampled :
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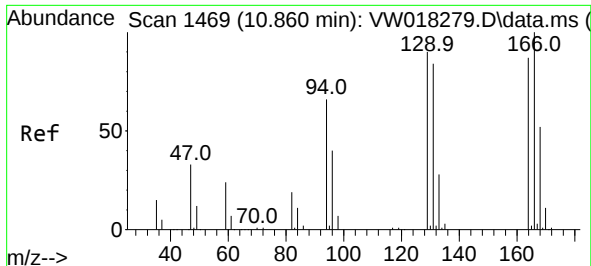
Tgt Ion: 78 Resp: 15125



#44
Toluene
Concen: 0.66 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

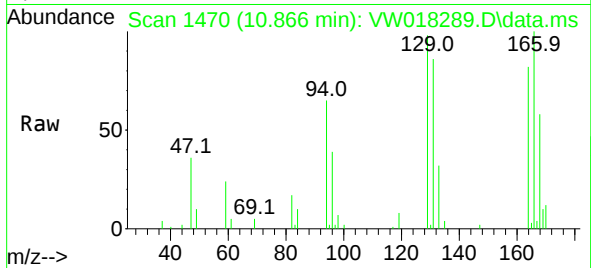
Tgt Ion: 91 Resp: 10319
Ion Ratio Lower Upper
91 100
92 59.7 42.3 78.5



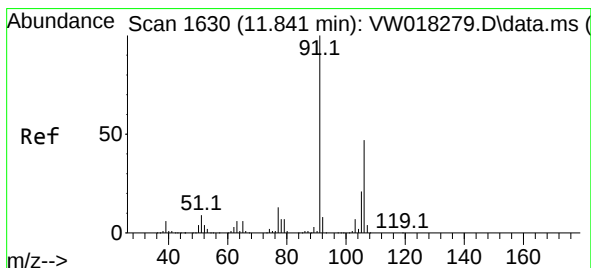
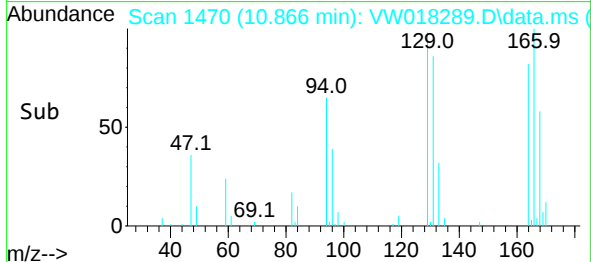
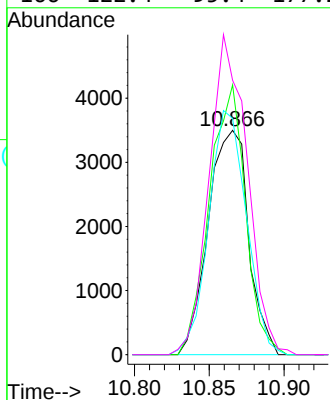


#47
Tetrachloroethene
Concen: 2.14 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

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Tgt Ion:	164	Resp:	6566
Ion	Ratio	Lower	Upper
164	100		
129	120.3	68.8	127.8
131	105.4	68.3	126.8
166	122.4	95.4	177.2



#54
m,p-Xylene
Concen: 0.34 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion:	106	Resp:	2321
Ion	Ratio	Lower	Upper
106	100		
91	210.8	145.3	269.8

