

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018598.D
 Acq On : 08 Apr 2021 13:08
 Operator : SY/VA
 Sample : M1881-09
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 03:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

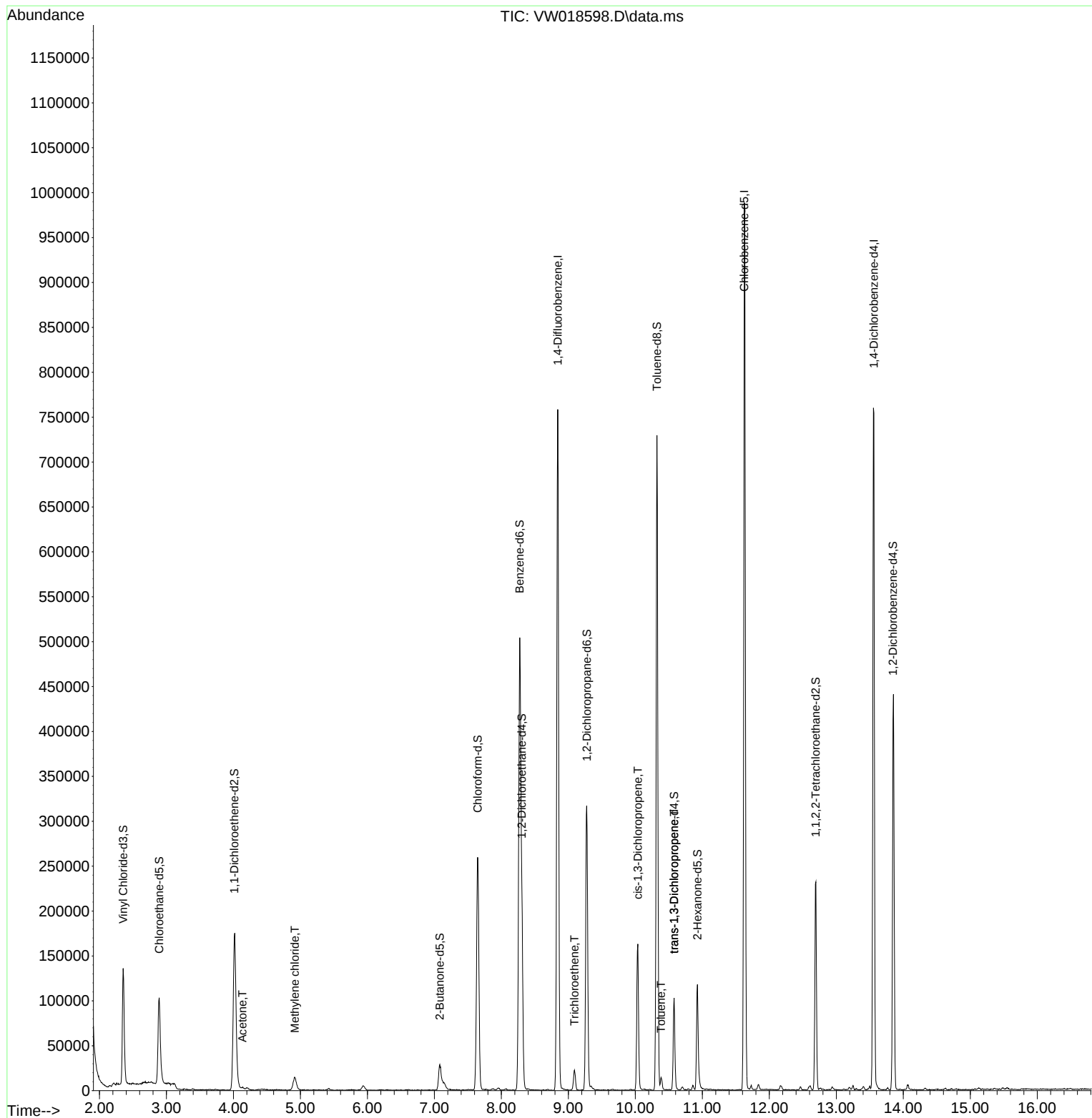
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	624011	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	537223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	197909	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148617	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.44%		
7) Chloroethane-d5	2.891	69	125924	16.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.28%		
10) 1,1-Dichloroethene-d2	4.013	63	181684	12.12	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.48%		
20) 2-Butanone-d5	7.080	46	45963	23.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.56%		
24) Chloroform-d	7.647	84	260852	16.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	65.64%		
26) 1,2-Dichloroethane-d4	8.305	65	147112	15.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.44%#		
29) Benzene-d6	8.274	84	511031	17.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.56%		
33) 1,2-Dichloropropane-d6	9.274	67	145441	17.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	70.60%		
37) Toluene-d8	10.323	98	482765	17.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.24%		
38) trans-1,3-Dichloroprop...	10.579	79	54725	12.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	51.52%		
39) 2-Hexanone-d5	10.926	63	38728	24.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.04%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	111056	15.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	60.28%		
61) 1,2-Dichlorobenzene-d4	13.847	152	110898	15.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	63.04%#		
Target Compounds					Qvalue	
13) Acetone	4.135	43	5062	3.64	ug/L	83
16) Methylene chloride	4.915	84	11746	1.15	ug/L	98
35) Trichloroethene	9.091	95	7018	0.82	ug/L	94
42) cis-1,3-Dichloropropene	10.036	75	4823	0.37	ug/L #	77
44) Toluene	10.384	91	9629	0.27	ug/L	97
45) trans-1,3-Dichloropropene	10.579	75	3183	0.28	ug/L #	69

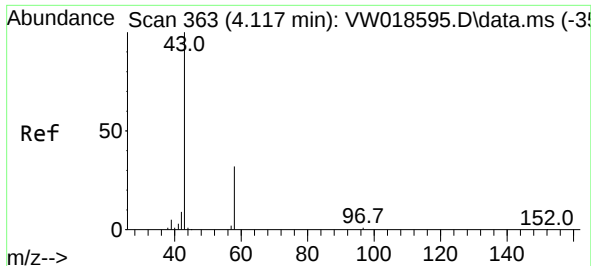
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
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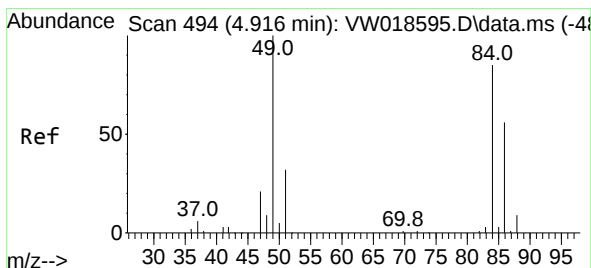
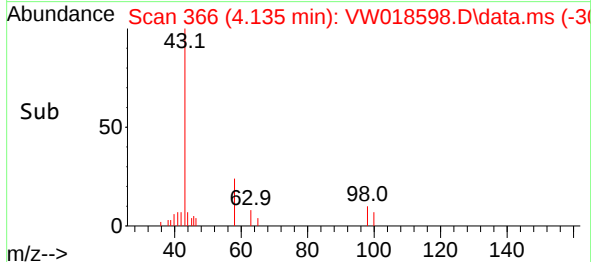
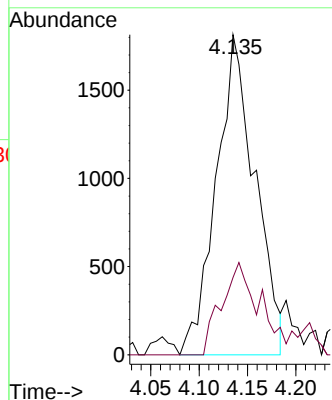
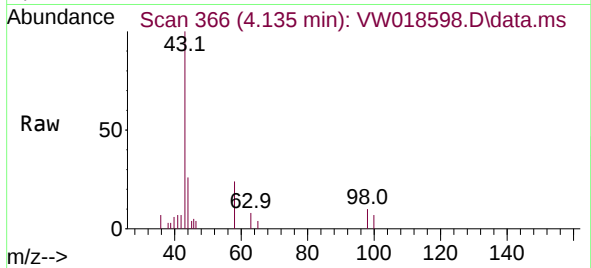




#13
Acetone
Concen: 3.64 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

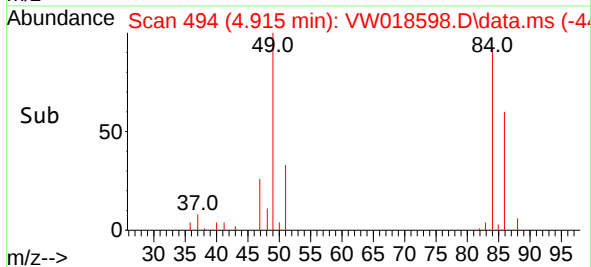
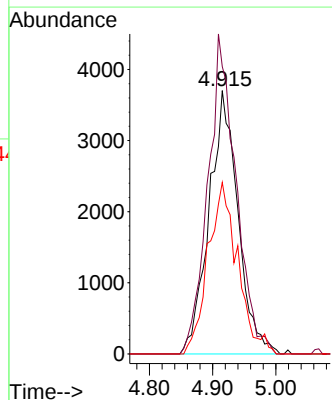
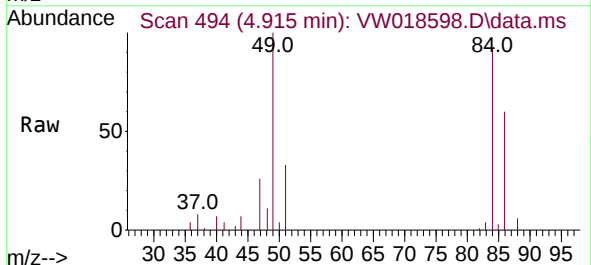
Instrument :
MSVOA_W
ClientSampled :

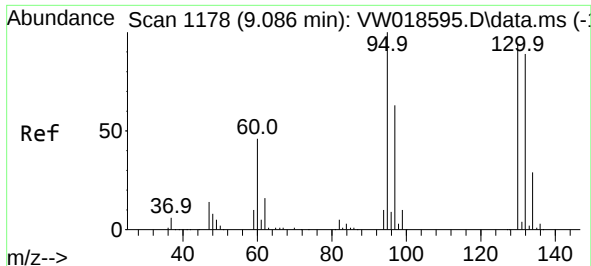
Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
58 21.7 0.0 62.2



#16
Methylene chloride
Concen: 1.15 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

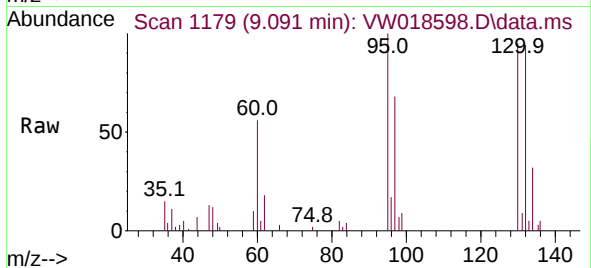
Tgt Ion: 84 Resp: 11746
Ion Ratio Lower Upper
84 100
49 109.1 74.4 138.2
86 65.2 46.1 85.7



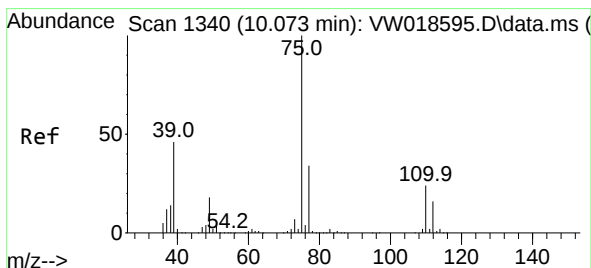
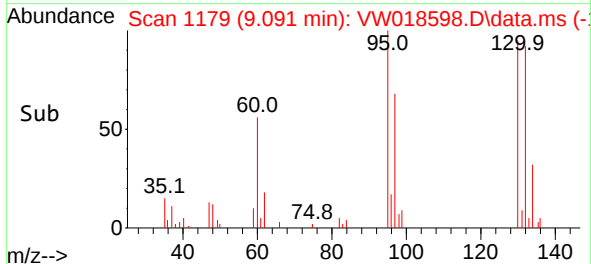
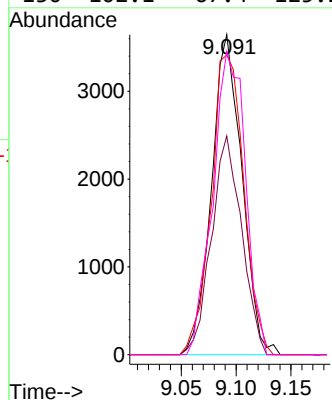


#35
Trichloroethene
Concen: 0.82 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

Instrument :
MSVOA_W
ClientSampled :

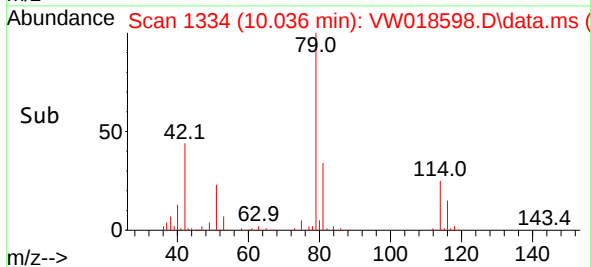
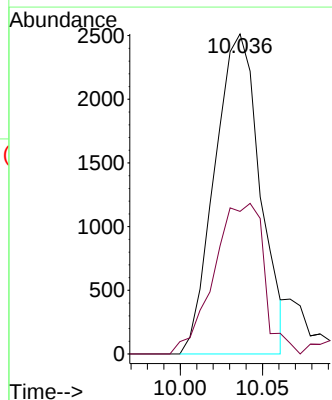
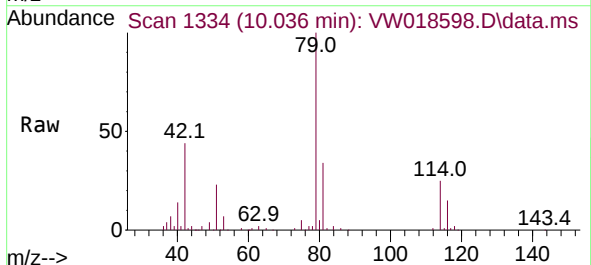


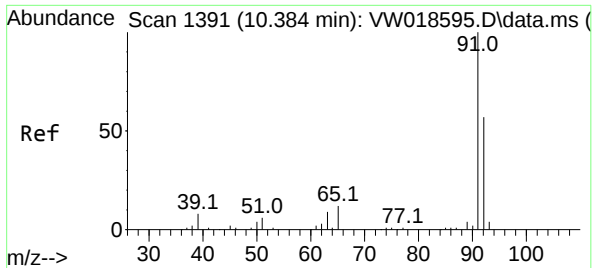
Tgt Ion: 95 Resp: 7018
Ion Ratio Lower Upper
95 100
97 68.2 44.4 82.4
132 100.7 65.9 122.5
130 102.1 67.4 125.2



#42
cis-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

Tgt Ion: 75 Resp: 4823
Ion Ratio Lower Upper
75 100
77 44.6 22.4 41.6#

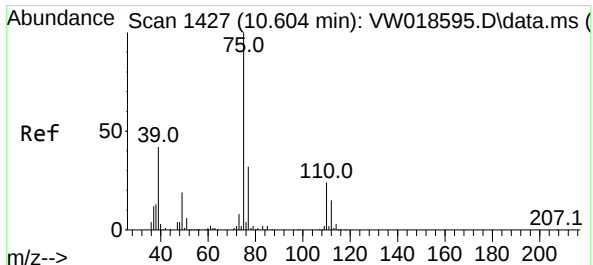
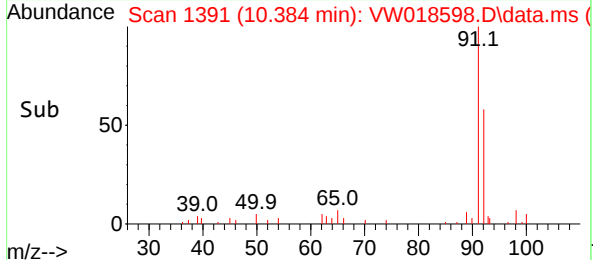
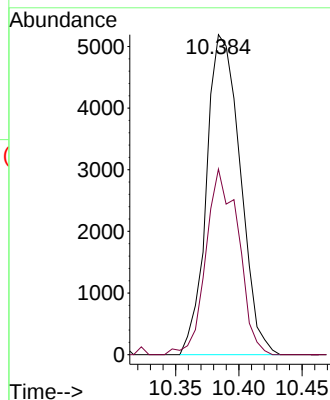
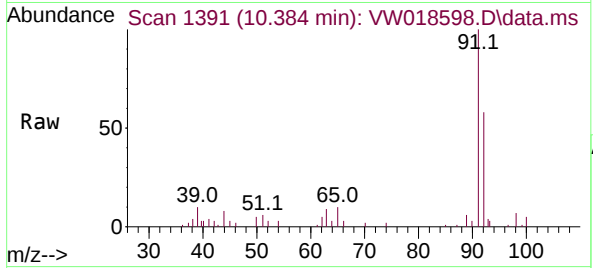




#44
Toluene
Concen: 0.27 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 9629
Ion Ratio Lower Upper
91 100
92 58.0 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.28 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018598.D
Acq: 08 Apr 2021 13:08

Tgt Ion: 75 Resp: 3183
Ion Ratio Lower Upper
75 100
77 49.5 22.6 42.0#

