

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018382.D
 Acq On : 19 Mar 2021 12:29
 Operator : SY/VA
 Sample : M1685-05
 Misc : 5.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG491

Quant Time: Mar 20 01:38:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

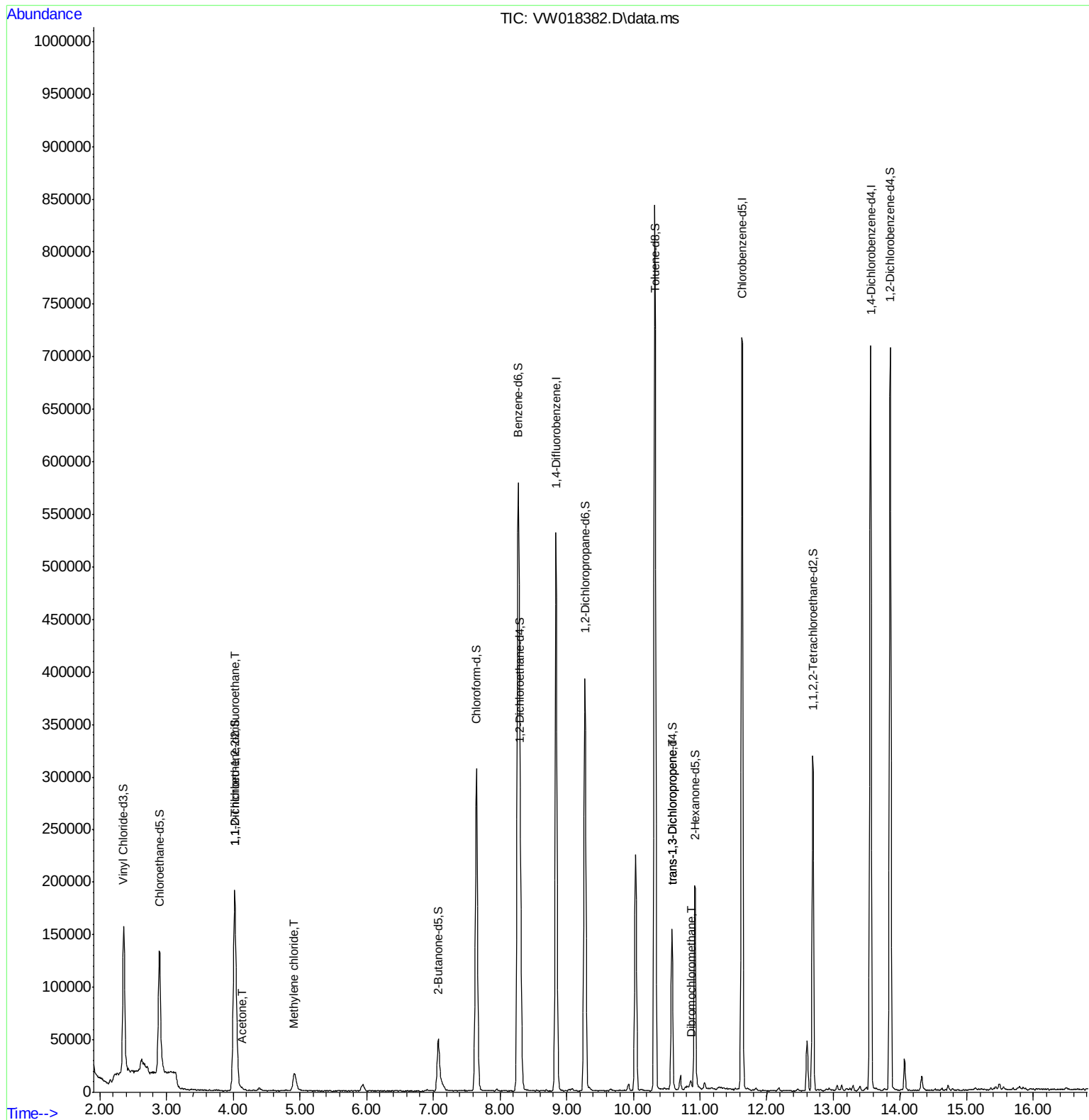
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	427777	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	383489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	173723	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	176702	29.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	118.72%		
7) Chloroethane-d5	2.891	69	157236	30.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	120.68%		
10) 1,1-Dichloroethene-d2	4.019	63	216340	21.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.20%		
20) 2-Butanone-d5	7.074	46	81103	61.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.40%		
24) Chloroform-d	7.647	84	301869	27.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.84%		
26) 1,2-Dichloroethane-d4	8.305	65	183153	28.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	115.20%		
29) Benzene-d6	8.275	84	583538	28.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.48%		
33) 1,2-Dichloropropane-d6	9.274	67	170080	28.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.68%		
37) Toluene-d8	10.323	98	550206	28.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	112.12%		
38) trans-1,3-Dichloroprop...	10.579	79	81253	26.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.16%		
39) 2-Hexanone-d5	10.921	63	70230	61.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	151264	28.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	174877	28.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	113.24%		
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	1791	0.34	ug/L #	24
13) Acetone	4.141	43	2777	2.92	ug/L	57
16) Methylene chloride	4.915	84	7571	1.08	ug/L	88
45) trans-1,3-Dichloropropene	10.579	75	4356	0.53	ug/L	87
50) Dibromochloromethane	10.866	129	1243	0.24	ug/L #	8

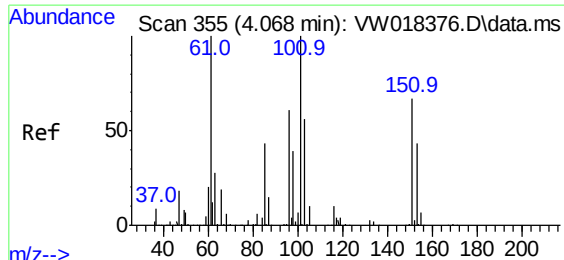
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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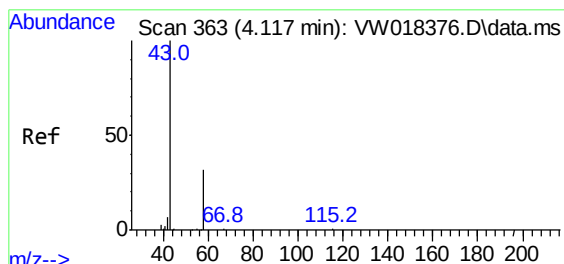
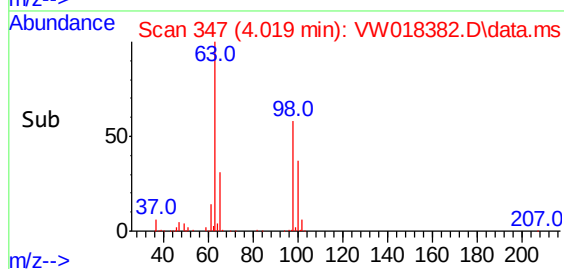
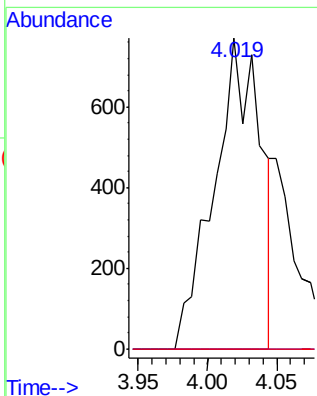
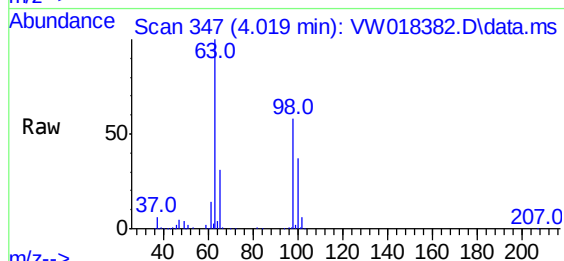




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.34 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.049 min
Lab File: VW018382.D
Acq: 19 Mar 2021 12:29

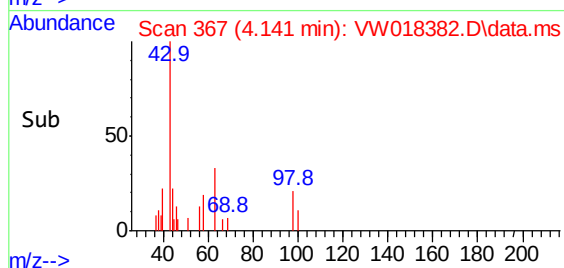
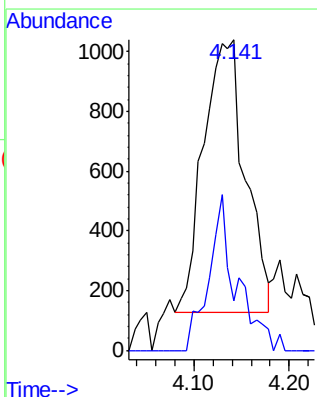
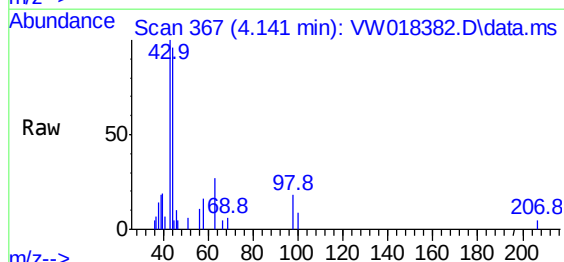
Instrument :
MSVOA_W
ClientSampled :
BG491

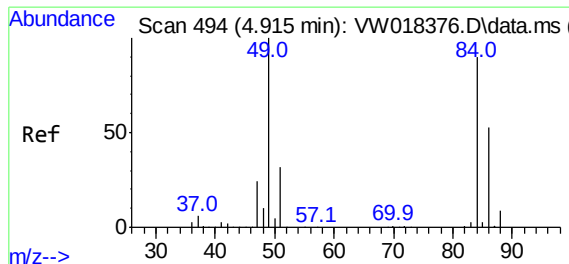
Tgt Ion:101 Resp: 1791
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 4.8 58.1 87.1#



#13
Acetone
Concen: 2.92 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.025 min
Lab File: VW018382.D
Acq: 19 Mar 2021 12:29

Tgt Ion: 43 Resp: 2777
Ion Ratio Lower Upper
43 100
58 7.2 0.0 62.2



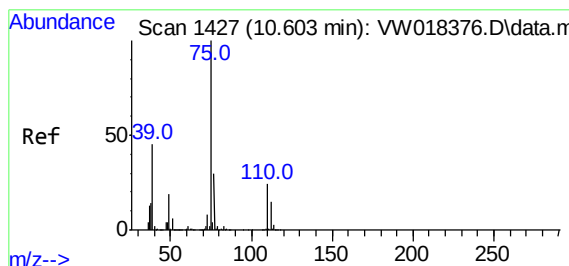
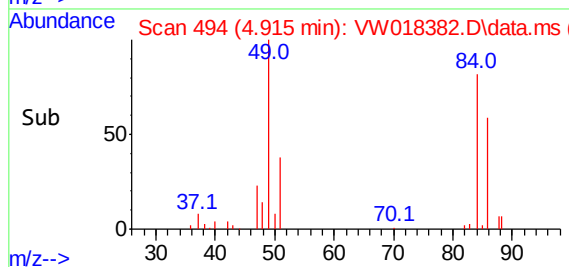
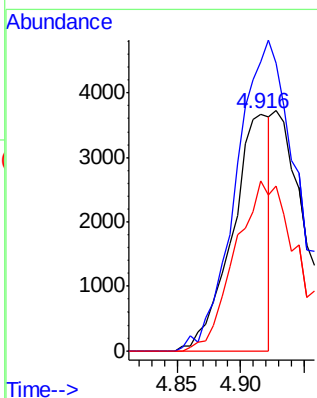
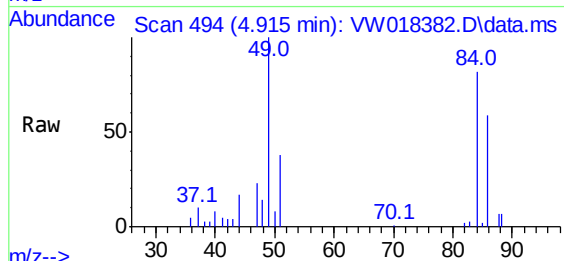


#16
Methylene chloride
Concen: 1.08 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018382.D
Acq: 19 Mar 2021 12:29

Instrument :
MSVOA_W
ClientSampled :
BG491

Tgt Ion: 84 Resp: 7571

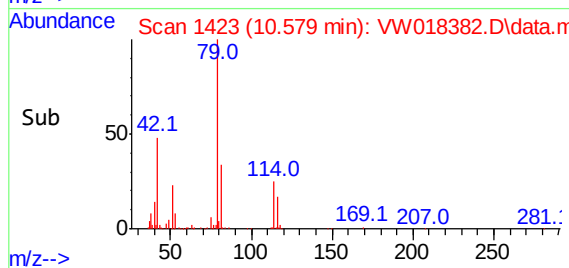
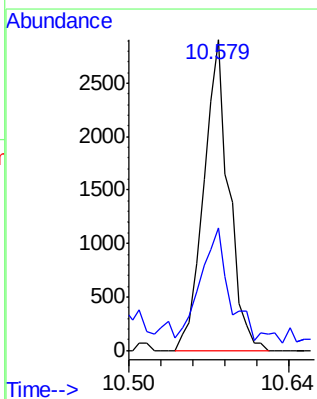
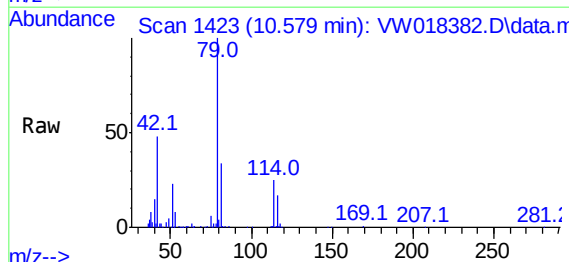
Ion	Ratio	Lower	Upper
84	100		
49	121.9	74.4	138.2
86	71.9	46.1	85.7

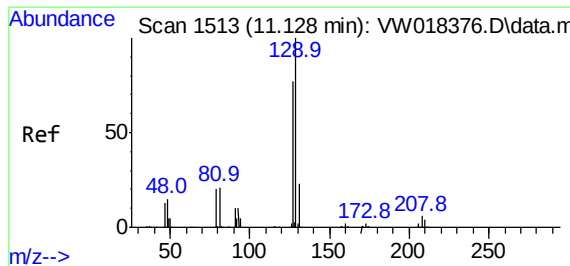


#45
trans-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018382.D
Acq: 19 Mar 2021 12:29

Tgt Ion: 75 Resp: 4356

Ion	Ratio	Lower	Upper
75	100		
77	39.4	22.6	42.0





#50
 Dibromochloromethane
 Concen: 0.24 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.262 min
 Lab File: VW018382.D
 Acq: 19 Mar 2021 12:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BG491

Tgt Ion:129 Resp: 1243
 Ion Ratio Lower Upper
 129 100
 127 0.0 58.0 107.6#

