

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018513.D
 Acq On : 31 Mar 2021 15:35
 Operator : SY/VA
 Sample : M1859-06
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG545

Quant Time: Apr 01 02:05:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

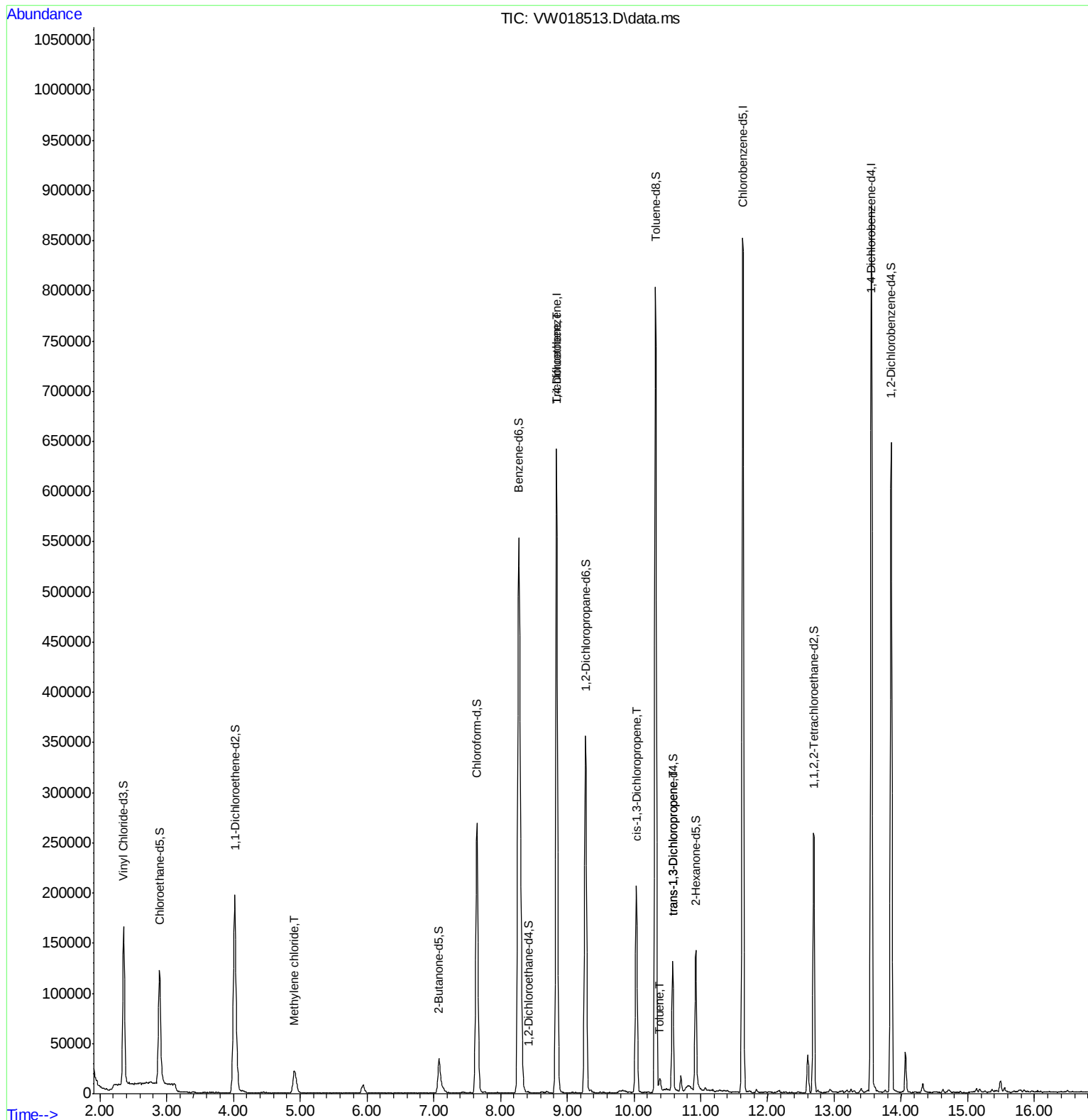
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	515812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	216078	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	179405	24.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.96%		
7) Chloroethane-d5	2.891	69	145145	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.40%		
10) 1,1-Dichloroethene-d2	4.019	63	207543	16.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.00%		
20) 2-Butanone-d5	7.080	46	56595	35.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.84%		
24) Chloroform-d	7.647	84	270616	20.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.40%		
26) 1,2-Dichloroethane-d4	8.415	65	102	0.01	ug/L	0.11
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.04%#		
29) Benzene-d6	8.275	84	552055	22.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.32%		
33) 1,2-Dichloropropane-d6	9.274	67	155186	21.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.04%		
37) Toluene-d8	10.323	98	533974	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.72%		
38) trans-1,3-Dichloroprop...	10.579	79	67294	18.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.36%		
39) 2-Hexanone-d5	10.927	63	47112	33.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.74%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	121905	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	158262	20.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.40%		
Target Compounds						
16) Methylene chloride	4.915	84	19169	2.27	ug/L	91
35) Trichloroethene	8.842	95	16157	2.15	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	5999	0.53	ug/L #	69
44) Toluene	10.384	91	9440	0.30	ug/L	79
45) trans-1,3-Dichloropropene	10.579	75	3619	0.36	ug/L	94

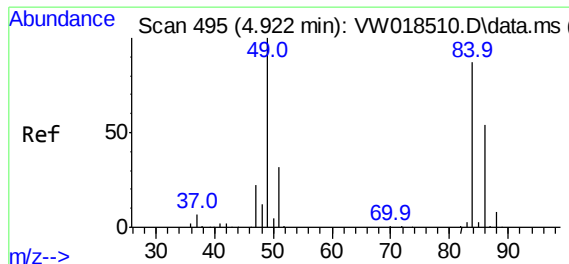
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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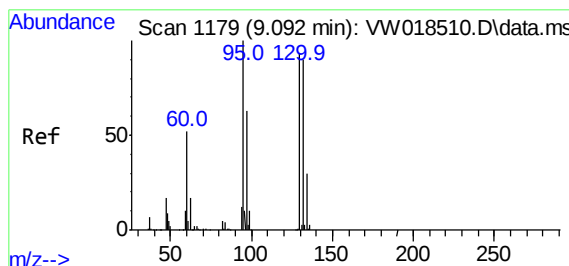
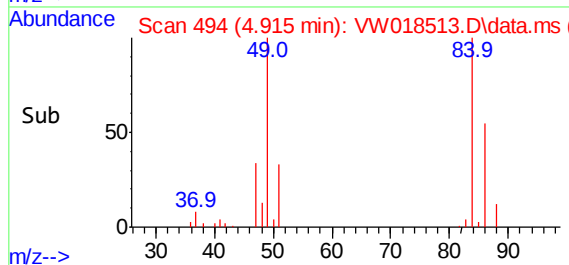
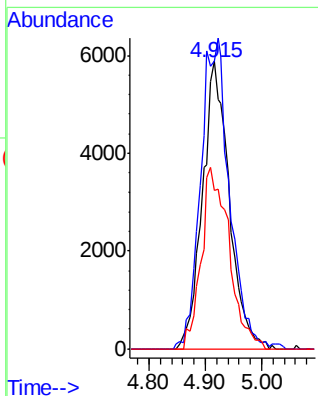
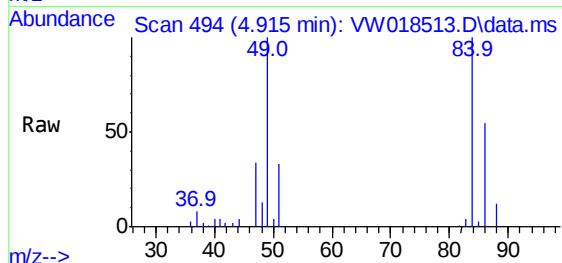


#16
Methylene chloride
Concen: 2.27 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018513.D
Acq: 31 Mar 2021 15:35

Instrument :
MSVOA_W
ClientSampled :
BG545

Tgt Ion: 84 Resp: 19169

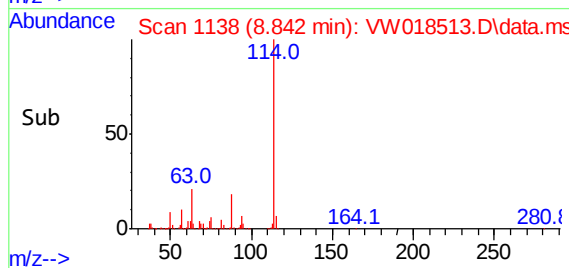
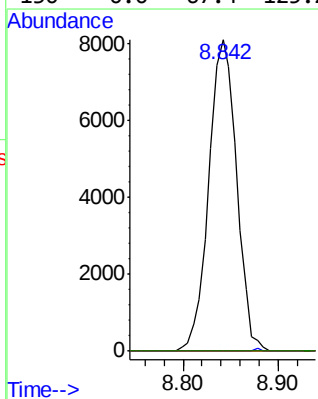
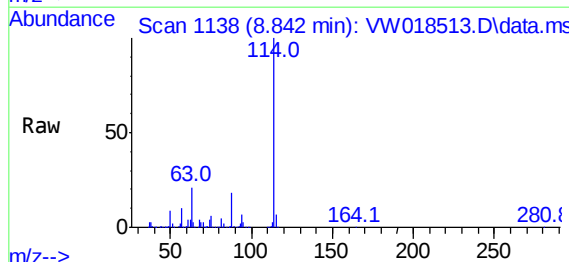
Ion	Ratio	Lower	Upper
84	100		
49	100.3	74.4	138.2
86	55.1	46.1	85.7

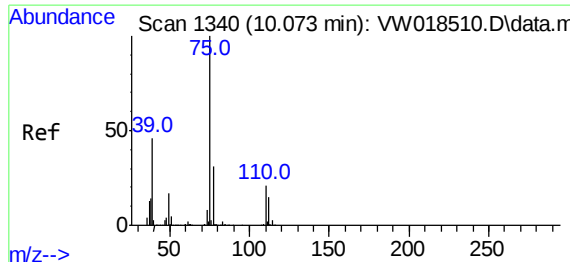


#35
Trichloroethene
Concen: 2.15 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018513.D
Acq: 31 Mar 2021 15:35

Tgt Ion: 95 Resp: 16157

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#

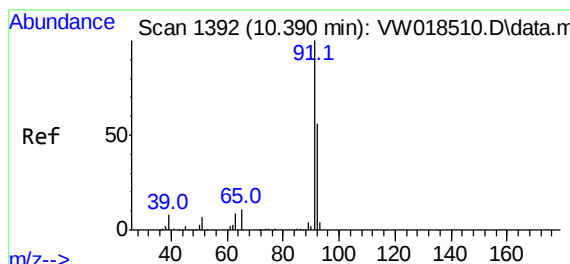
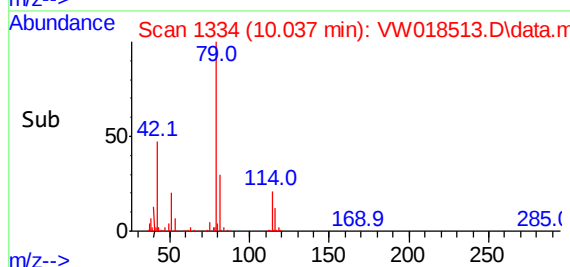
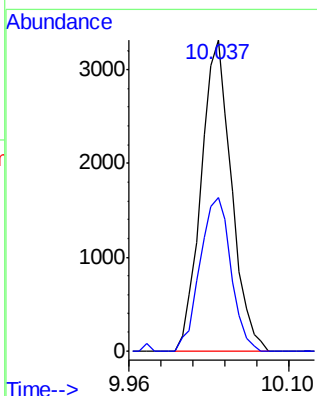
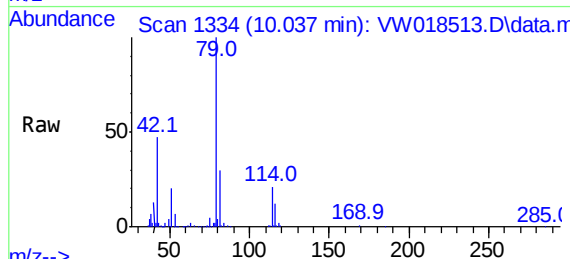




#42
cis-1,3-Dichloropropene
Concen: 0.53 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018513.D
Acq: 31 Mar 2021 15:35

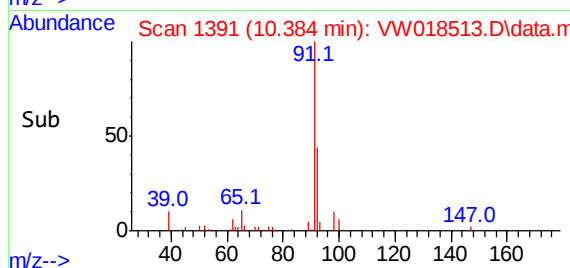
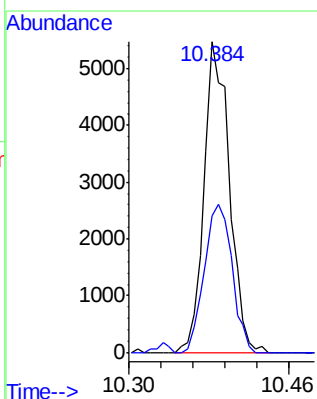
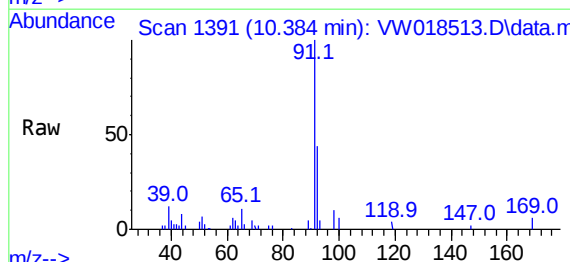
Instrument :
MSVOA_W
ClientSampled :
BG545

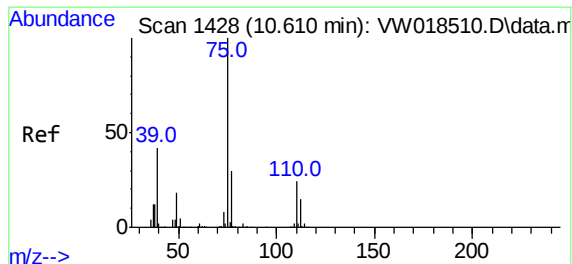
Tgt Ion: 75 Resp: 5999
Ion Ratio Lower Upper
75 100
77 49.4 22.4 41.6#



#44
Toluene
Concen: 0.30 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018513.D
Acq: 31 Mar 2021 15:35

Tgt Ion: 91 Resp: 9440
Ion Ratio Lower Upper
91 100
92 44.1 42.3 78.5





#45
 trans-1,3-Dichloropropene
 Concen: 0.36 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.031 min
 Lab File: VW018513.D
 Acq: 31 Mar 2021 15:35

Instrument :
 MSVOA_W
 ClientSampleId :
 BG545

Tgt Ion: 75 Resp: 3619
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.6 42.0

