

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017944.D
 Acq On : 18 Jan 2021 21:24
 Operator : SY/VA
 Sample : M1167-10
 Misc : 5.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT80

Quant Time: Jan 19 07:01:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

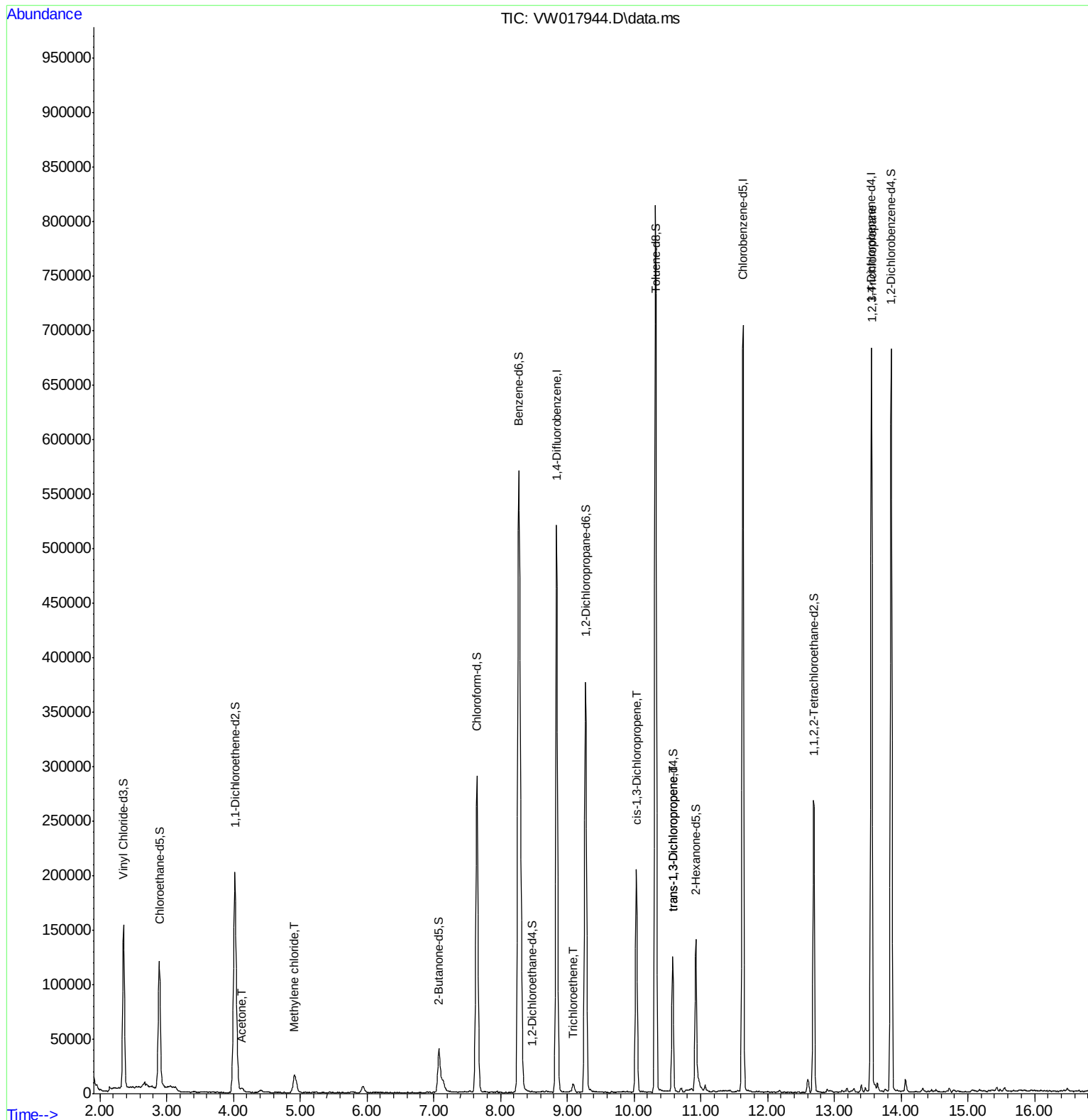
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	425292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	380163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	171115	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	159220	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.40%		
7) Chloroethane-d5	2.891	69	133057	24.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.56%		
10) 1,1-Dichloroethene-d2	4.025	63	217037	18.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.00%		
20) 2-Butanone-d5	7.074	46	68275	42.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.58%		
24) Chloroform-d	7.647	84	284430	24.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.04%		
26) 1,2-Dichloroethane-d4	8.482	65	71	0.01	ug/L	0.18
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.04%#		
29) Benzene-d6	8.275	84	564680	25.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.80%		
33) 1,2-Dichloropropane-d6	9.274	67	161932	26.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.60%		
37) Toluene-d8	10.323	98	530206	25.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.84%		
38) trans-1,3-Dichloroprop...	10.579	79	64174	22.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.76%		
39) 2-Hexanone-d5	10.926	63	49056	44.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.38%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	126468	22.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	166524	27.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.88%		
Target Compounds						
13) Acetone	4.123	43	3466	3.05	ug/L	78
16) Methylene chloride	4.909	84	8315	1.35	ug/L	93
35) Trichloroethene	9.085	95	1257	0.20	ug/L #	49
42) cis-1,3-Dichloropropene	10.036	75	6052	0.70	ug/L #	73
45) trans-1,3-Dichloropropene	10.579	75	3549	0.47	ug/L	88
59) 1,2,3-Trichloropropane	13.560	75	24175	5.92	ug/L	96

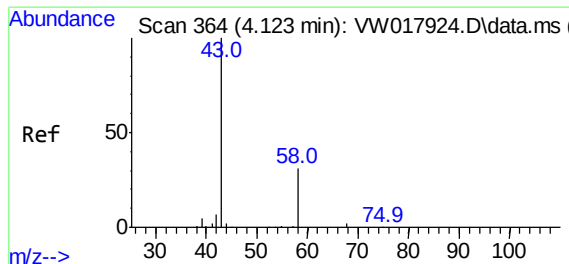
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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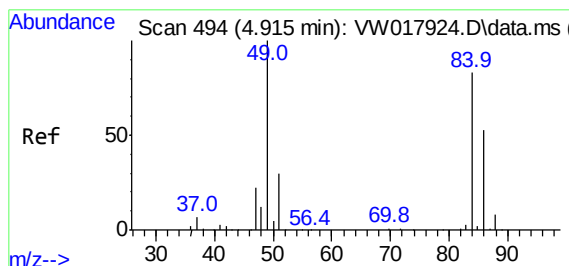
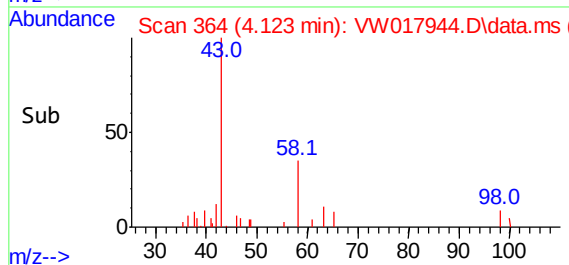
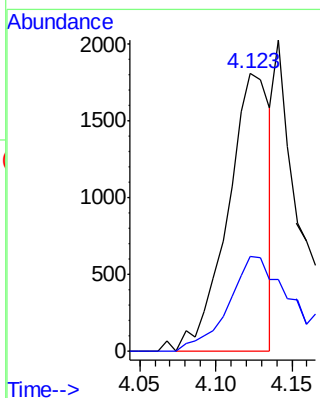
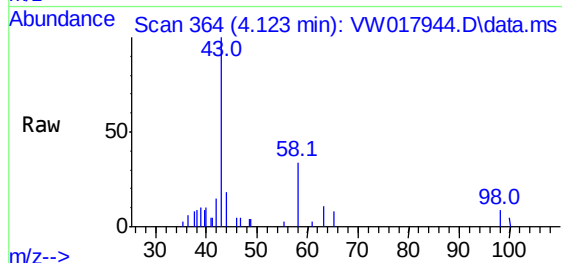




#13
Acetone
Concen: 3.05 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

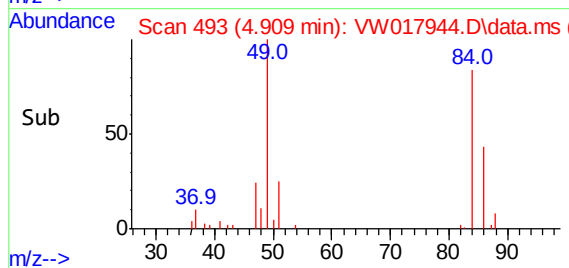
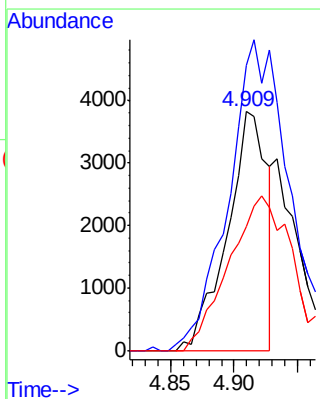
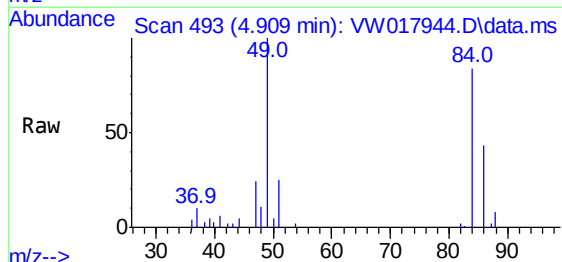
Instrument :
MSVOA_W
ClientSampled :
BFT80

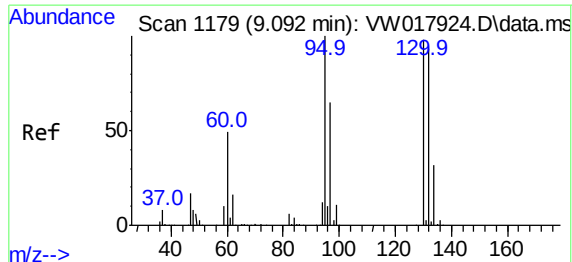
Tgt Ion: 43 Resp: 3466
Ion Ratio Lower Upper
43 100
58 46.6 0.0 68.4



#16
Methylene chloride
Concen: 1.35 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

Tgt Ion: 84 Resp: 8315
Ion Ratio Lower Upper
84 100
49 119.2 81.2 150.8
86 51.7 44.5 82.7

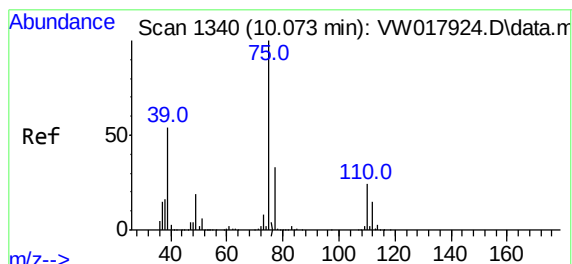
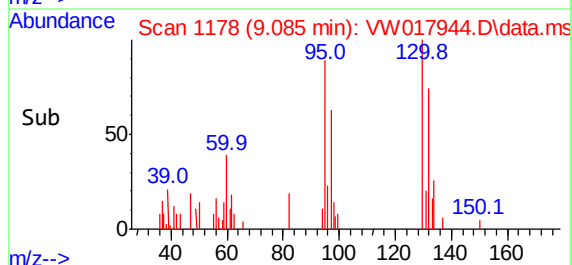
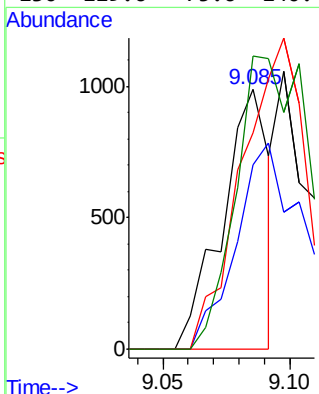
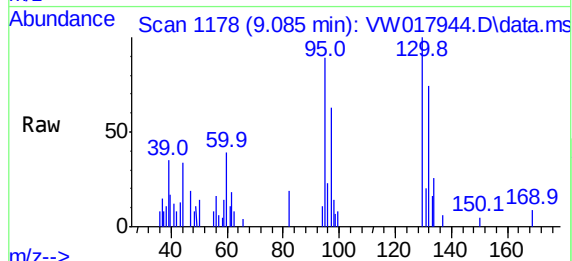




#35
Trichloroethene
Concen: 0.20 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

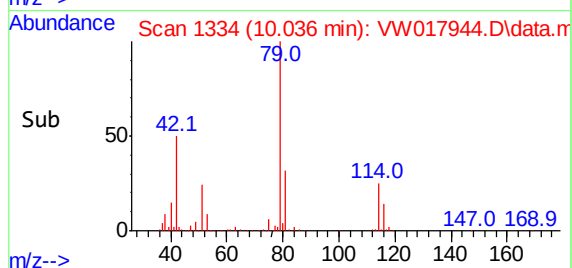
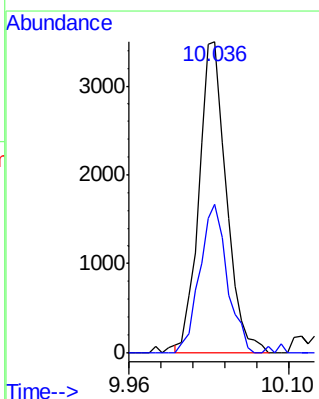
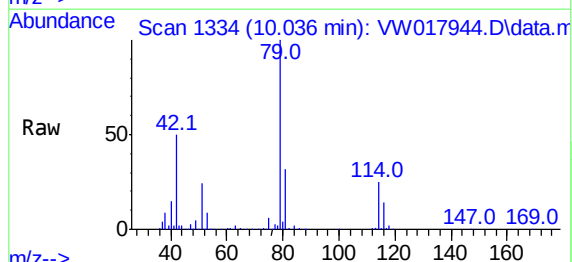
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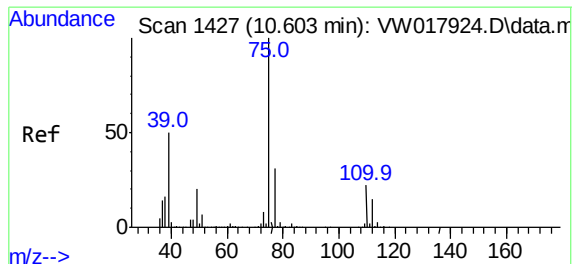
Tgt Ion: 95 Resp: 1257
Ion Ratio Lower Upper
95 100
97 122.1 45.0 83.6#
132 180.2 71.0 131.8#
130 119.6 75.6 140.4



#42
cis-1,3-Dichloropropene
Concen: 0.70 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

Tgt Ion: 75 Resp: 6052
Ion Ratio Lower Upper
75 100
77 47.8 22.7 42.3#

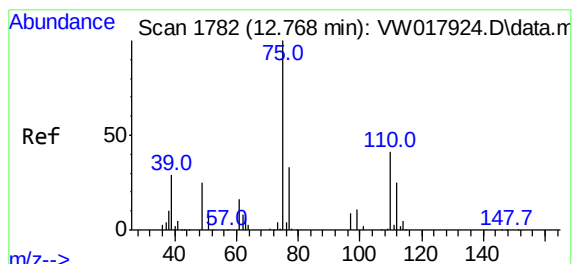
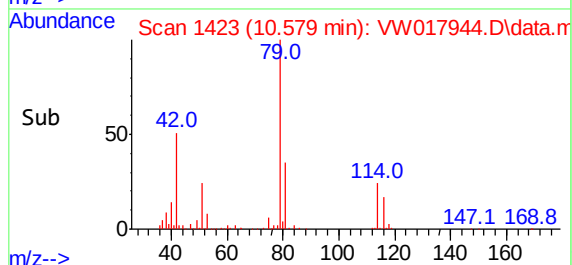
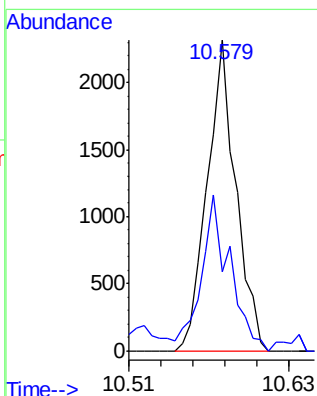
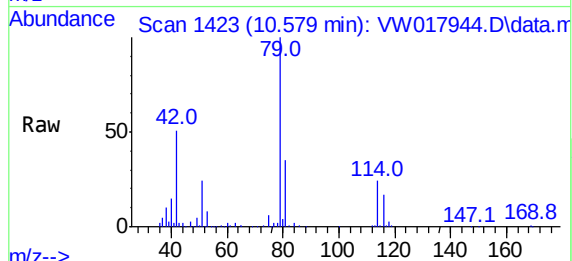




#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

Instrument :
MSVOA_W
ClientSampleID :
BFT80

Tgt Ion: 75 Resp: 3549
Ion Ratio Lower Upper
75 100
77 25.3 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 5.92 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW017944.D
Acq: 18 Jan 2021 21:24

Tgt Ion: 75 Resp: 24175
Ion Ratio Lower Upper
75 100
77 35.4 26.6 39.8

