

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018140.D
 Acq On : 15 Feb 2021 17:04
 Operator : SY/VA
 Sample : M1370-16RE
 Misc : 7.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ2

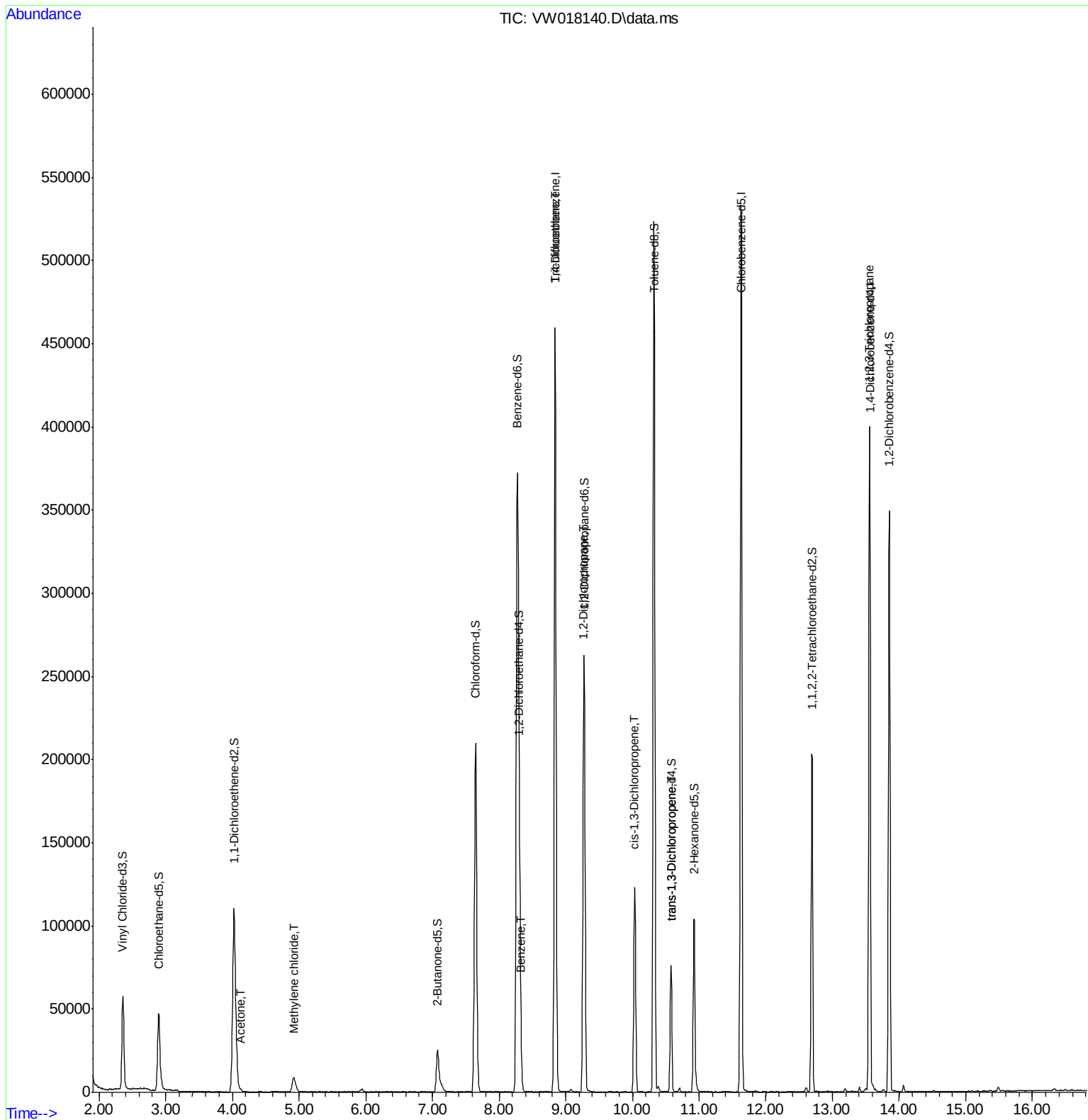
Quant Time: Feb 16 02:26:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

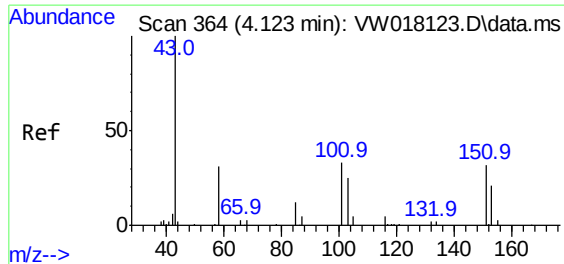
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	415615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	321917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	114766	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	70020	13.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.24%		
7) Chloroethane-d5	2.891	69	67080	16.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.44%		
10) 1,1-Dichloroethene-d2	4.025	63	121508	11.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.08%		
20) 2-Butanone-d5	7.074	46	43018	31.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.42%		
24) Chloroform-d	7.647	84	224429	20.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.32%		
26) 1,2-Dichloroethane-d4	8.305	65	113689	19.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.28%		
29) Benzene-d6	8.275	84	408588	23.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.44%		
33) 1,2-Dichloropropane-d6	9.274	67	125402	25.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.48%		
37) Toluene-d8	10.323	98	354190	21.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.24%		
38) trans-1,3-Dichloroprop...	10.579	79	44667	19.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.72%		
39) 2-Hexanone-d5	10.921	63	38229	40.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.90%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	99741	22.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	97590	23.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.36%		
Target Compounds						
13) Acetone	4.117	43	518	0.51	ug/L	88
16) Methylene chloride	4.928	84	8851	1.33	ug/L	86
34) Benzene	8.330	78	10953	0.58	ug/L	100
35) Trichloroethene	8.842	95	12583	2.37	ug/L #	3
40) 1,2-Dichloropropane	9.268	63	14341	3.32	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	3104	0.45	ug/L #	74
45) trans-1,3-Dichloropropene	10.579	75	2023	0.33	ug/L	99
59) 1,2,3-Trichloropropane	13.554	75	11572	3.50	ug/L	99

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

Quant Time: Feb 16 02:26:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 16 02:20:15 2021
Response via : Initial Calibration

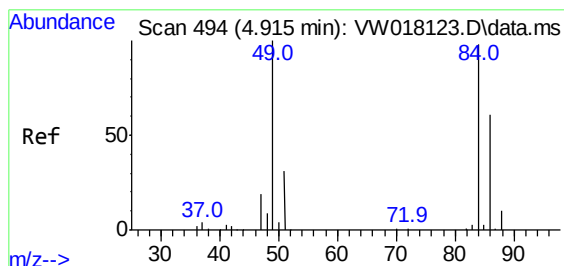
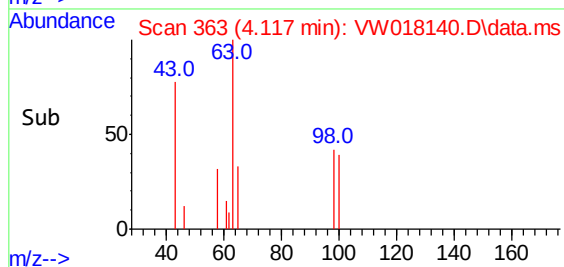
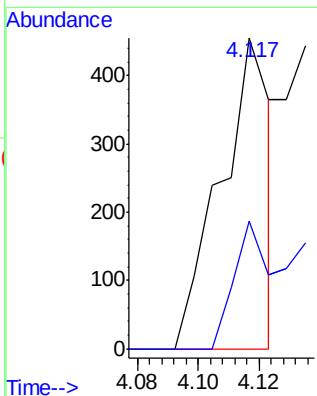
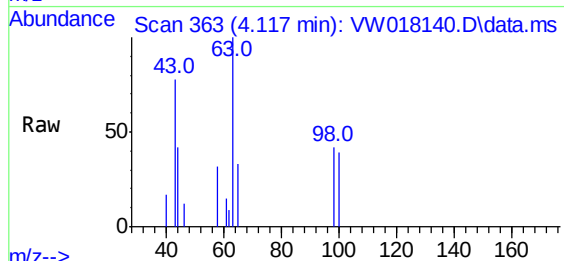




#13
Acetone
Concen: 0.51 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

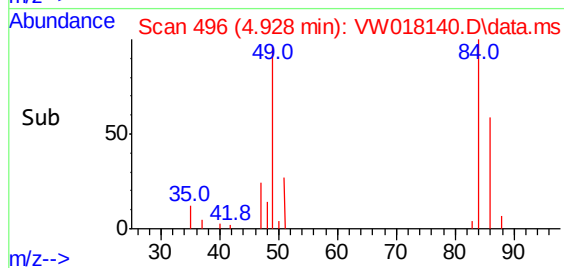
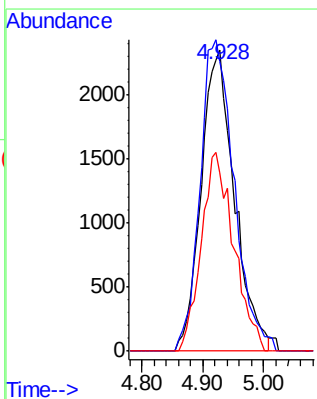
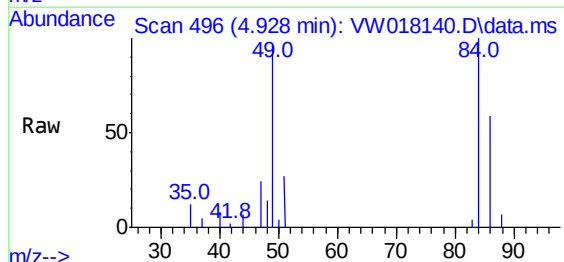
Instrument :
MSVOA_W
ClientSampled :
DBGZ2

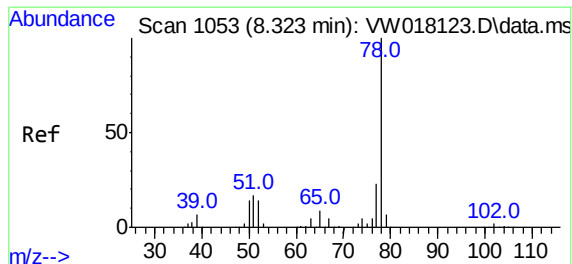
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 27.0 0.0 68.4



#16
Methylene chloride
Concen: 1.33 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Tgt Ion: 84 Resp: 8851
Ion Ratio Lower Upper
84 100
49 96.5 81.2 150.8
86 59.1 44.5 82.7

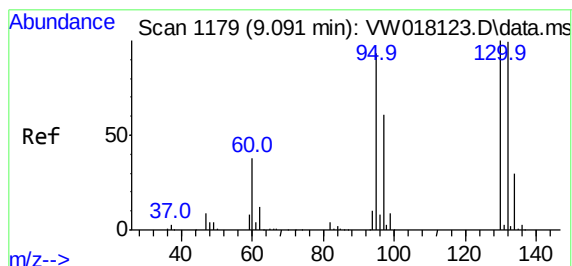
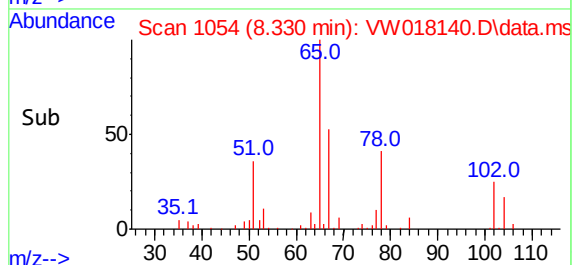
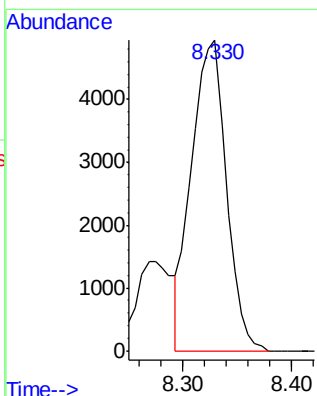
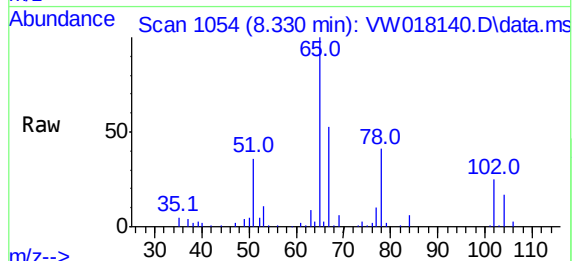




#34
Benzene
Concen: 0.58 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Instrument :
MSVOA_W
ClientSampled :
DBGZ2

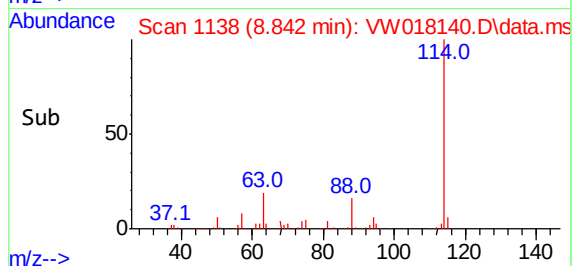
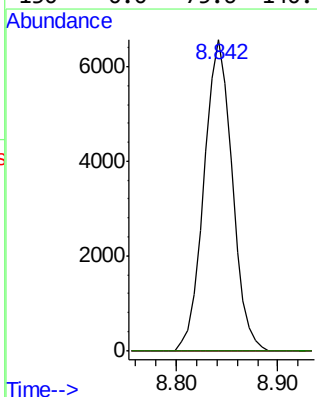
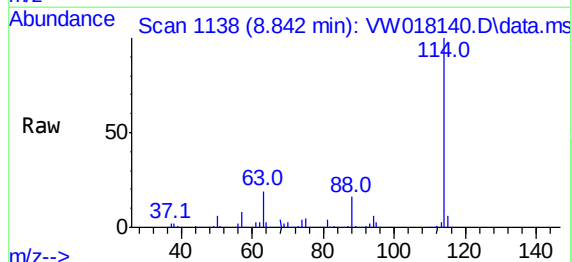
Tgt Ion: 78 Resp: 10953

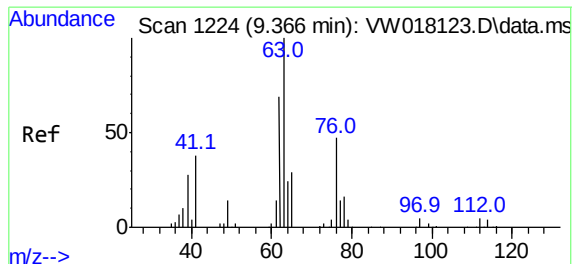


#35
Trichloroethene
Concen: 2.37 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Tgt Ion: 95 Resp: 12583

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

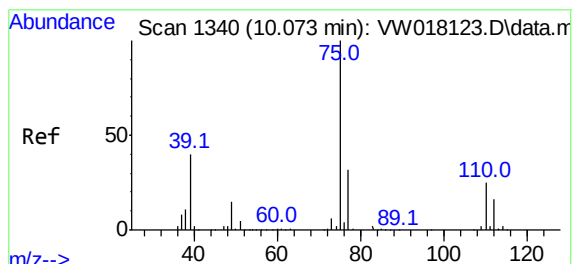
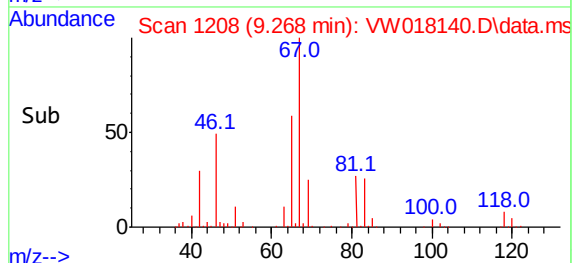
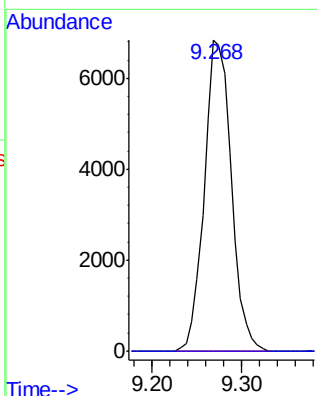
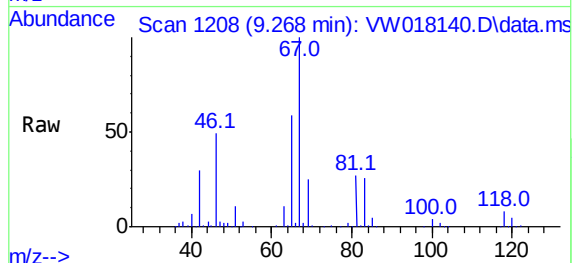




#40
1,2-Dichloropropane
Concen: 3.32 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

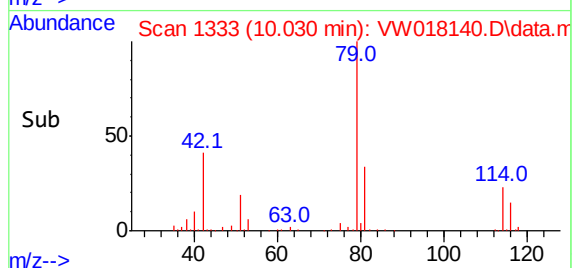
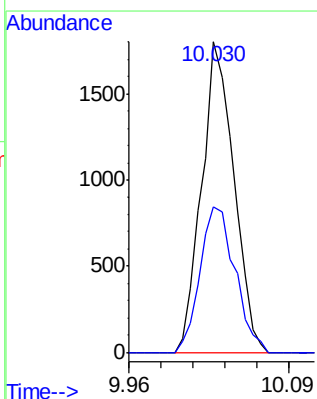
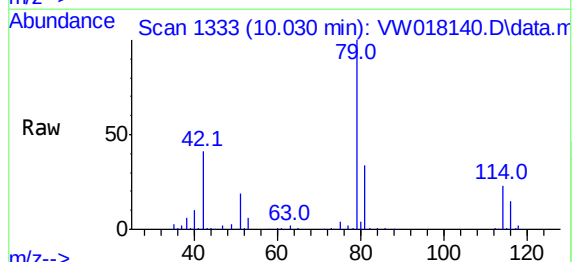
Instrument :
MSVOA_W
ClientSampled :
DBGZ2

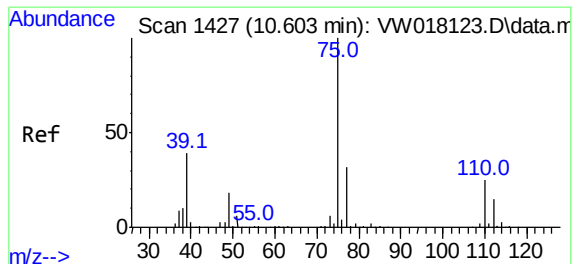
Tgt Ion: 63 Resp: 14341
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Tgt Ion: 75 Resp: 3104
Ion Ratio Lower Upper
75 100
77 46.9 22.7 42.3#

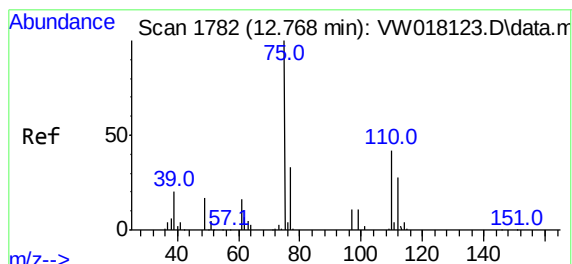
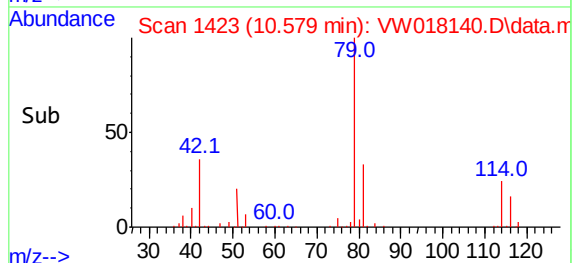
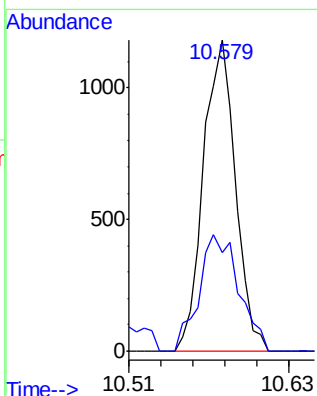
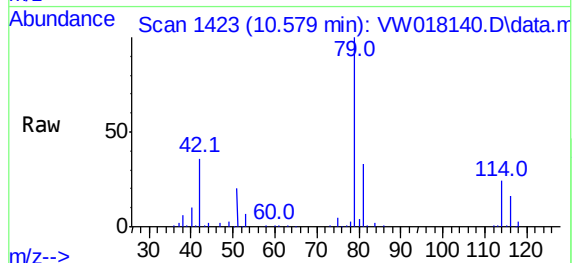




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Instrument :
MSVOA_W
ClientSampled :
DBGZ2

Tgt Ion: 75 Resp: 2023
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 3.50 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018140.D
Acq: 15 Feb 2021 17:04

Tgt Ion: 75 Resp: 11572
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8

